



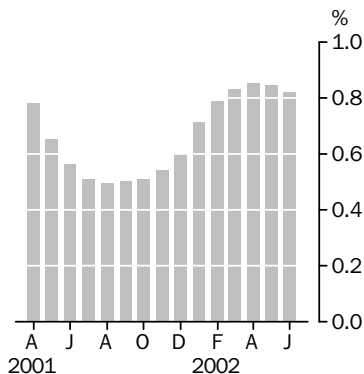
RETAIL TRADE

AUSTRALIA

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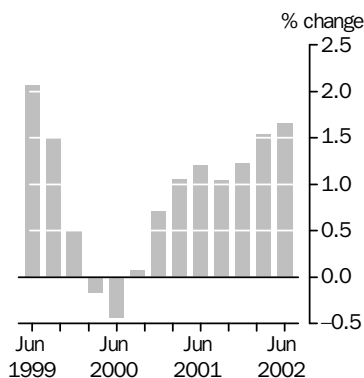
Monthly turnover

Trend estimates
% change



Quarterly turnover

in volume terms
Trend estimates



■ For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Graham Phillips on 02 6252 5625.

KEY FIGURES

	Jun 02	May 02 to Jun 02
	\$m	% change
Turnover at current prices		
Trend estimates	14 622.2	0.8
Seasonally adjusted estimates	14 664.2	0.9

	Jun Qtr 02	Mar Qtr 02 to Jun Qtr 02
	\$m	% change
Turnover, in volume terms		
Trend estimates	41 758.4	1.7
Seasonally adjusted estimates	41 998.3	2.5

KEY POINTS

TREND ESTIMATES

- The trend estimate of turnover for the Australian Retail and Hospitality/Services series increased by 0.8% in June 2002. This follows increases of 0.8% in May and 0.9% in April.
- The trend estimate increased in all states. The largest increase was in the NT (1.3%) while all other states had trend growth between 0.9% (Qld) and 0.6% (ACT).
- Over the three months to June 2002 the trend estimate rose by \$362m. The Hospitality and services (+\$90m), Household good retailing (+\$82m) and Food retailing (+\$74m) industries showed the largest increases.

SEASONALLY ADJUSTED

- The seasonally adjusted estimate of turnover for the Australian Retail and Hospitality/Services series increased by 0.9% in June 2002 compared with May 2002. This follows increases of 1.2% in May and 0.8% in April 2002.

ORIGINAL ESTIMATE

- In original terms, Australian turnover decreased by 4.9% in June 2002 compared with May. Chains and other large retailers (which are completely enumerated) decreased by 4.3%, while 'smaller' retailers (the sampled units) decreased by 5.7%.
- In original terms, Australian turnover increased by 6.9% in June 2002 compared with June 2001. Chains and other large retailers increased by 7.4%, while 'smaller' retailers increased by 6.2%. Turnover for 2001-02 increased 8.3% on 2000-01.

VOLUME MEASURES

- The trend volume measure of turnover rose by 1.7% in the June quarter 2002. This follows increases of 1.5% in the March quarter 2002 and 1.2% in the December quarter 2001.

NOTES

FORTHCOMING ISSUES

<i>ISSUE</i>	<i>RELEASE DATE</i>
July 2002	3 September 2002
August 2002	1 October 2002
September 2002	1 November 2002
October 2002	3 December 2002
November 2002	6 January 2003
December 2002	3 February 2003



CHANGES IN THIS ISSUE

For May 2002, a revision has been made to Food retailing for Western Australia.

Quarterly chain volume data are shown in tables 14 and 15 of this issue. These data incorporate a new base year, 2000–01, which has resulted in revisions to quarterly growth rates, small in most cases, for the last few years. In addition, the reference year has been advanced to 2000–01, which has resulted in revisions to levels, but not growth rates, for all periods. Revisions are also due to the annual seasonal reanalysis of price deflators.

CHANGES IN NEXT ISSUE

In April 2000, the ABS released an information paper, *ABS Statistics and The New Tax System* (cat. no. 1358.0), which foreshadowed changes in the statistical infrastructure supporting the compilation of ABS economic series. The changes will allow better use of data available from the taxation system to improve efficiency, coverage and sample design.

This publication presents the last release of estimates from the Retail Trade Survey compiled using the old infrastructure.

In the next release of this publication, estimates for the latest period (i.e. July) will be compiled on the new basis. To facilitate comparisons over time, the historical series in that release will be adjusted so that all estimates are presented on the new basis.

An information paper, *Improvements in ABS Economic Statistics [Arising from The New Tax System]* (cat. no. 1372.0), was released on 6 May 2002. That paper described the changes in more detail and provided information about the treatment of statistical impacts of the changes across ABS economic series.

The results of the annual seasonal reanalysis are normally introduced with the July issue. However, the annual reanalysis will be delayed one month so that adjustments to the historical series can be taken into account.

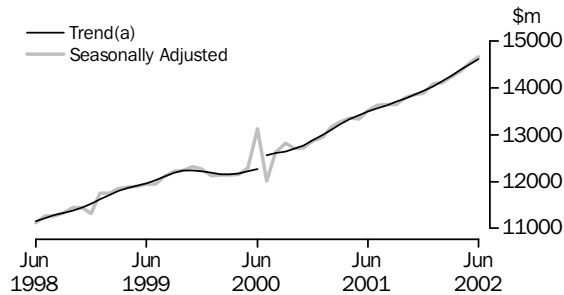
Dennis Trewin
Australian Statistician

INDUSTRY TRENDS

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

TOTAL RETAIL

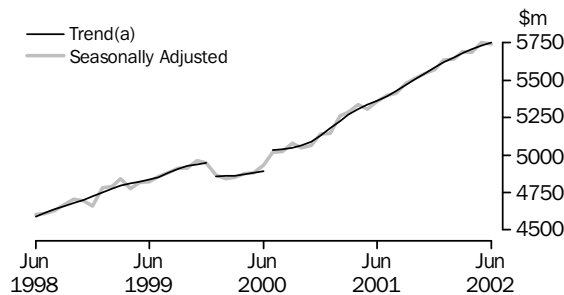
There has been strong growth in the trend estimate in each of the last five months. The Household good retailing, Recreational good retailing and Hospitality and services industries had strong growth in each of these months. Clothing and soft good retailing was the only industry not to have growth in each of these months.



(a) Break in trend series from July 2000

FOOD RETAILING

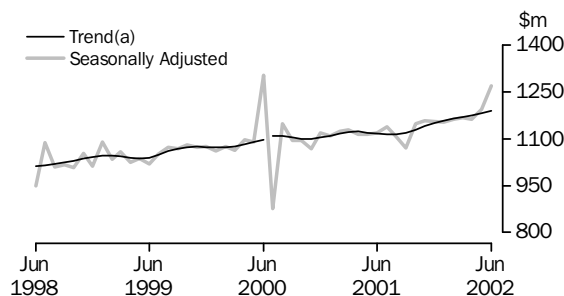
Moderate trend growth continued in June 2002. All states had moderate growth over the last four months, except the Northern Territory which had strong growth and New South Wales which had weak growth.



(a) Break in trend series from January and July 2000

DEPARTMENT STORES

There has been moderate trend growth in each of the last six months. Over this period Victoria had strong growth in each month, while Queensland and South Australia had strong growth in each of the last two months.



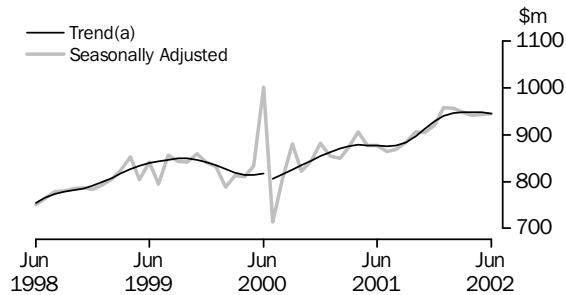
(a) Break in trend series from July 2000

INDUSTRY TRENDS *continued*

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

**CLOTHING AND SOFT
GOOD RETAILING**

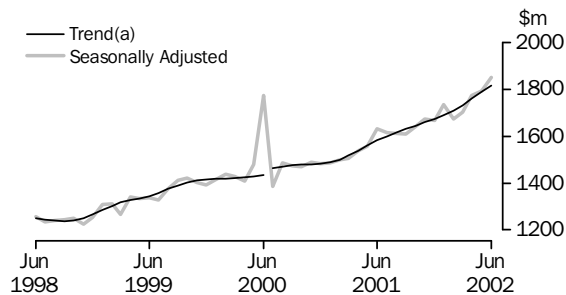
The trend growth has been slowing since November 2001, with a decline in each of the last two months. Since November Victoria, South Australia and Tasmania had moderate to strong growth in each month, while Queensland has been in decline for six months and New South Wales has been in decline for four months.



(a) Break in trend series from July 2000

**HOUSEHOLD GOOD
RETAILING**

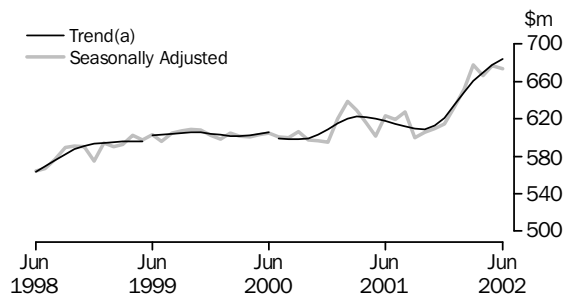
There has been strong trend growth in each month for over twelve months. All states except Western Australia (weak growth) and the Northern Territory (no growth or in decline) had strong growth in each of the last five months.



(a) Break in trend series from July 2000

**RECREATIONAL GOOD
RETAILING**

There has been strong growth in the trend estimate in each of the last seven months. Over this period Victoria and Queensland had strong growth in each month, while New South Wales had six months of strong growth followed by moderate growth in June 2002.



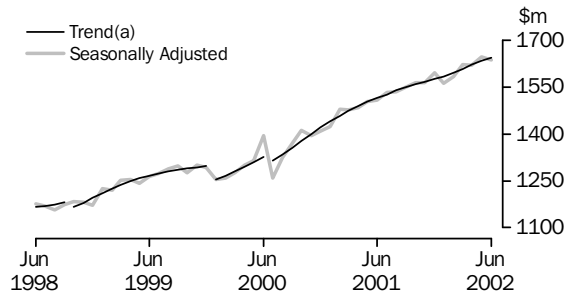
(a) Break in trend series from June 1999 and July 2000

INDUSTRY TRENDS *continued*

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

OTHER RETAILING

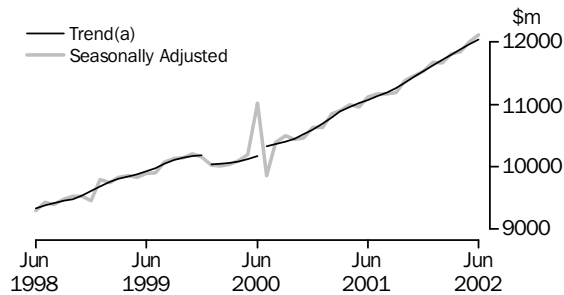
After three months of strong trend growth there was moderate growth in June 2002. There has been moderate to strong growth in New South Wales, Victoria and South Australia in each of the last five months.



(a) Break in trend series from October 1998, January and July 2000

TOTAL RETAIL (EXCLUDING HOSPITALITY AND SERVICES)

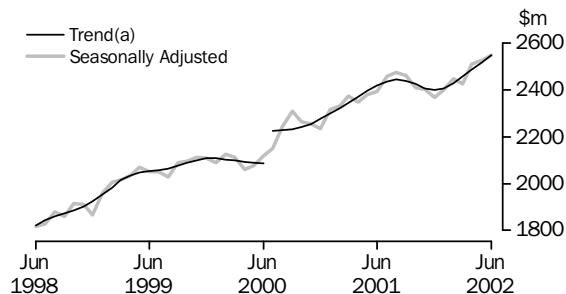
The trend growth for Total retail (excluding Hospitality and services) has been slightly weaker than the trend growth for Total industries (including Hospitality and services), in each of the last three months.



(a) Break in trend series from January and July 2000

HOSPITALITY AND SERVICES

There has been strong growth in the trend estimate in each of the last five months. New South Wales, Queensland and Western Australia had moderate to strong growth in each of the last four months, while Victoria has been in decline and the two Territories have been flat or in decline.



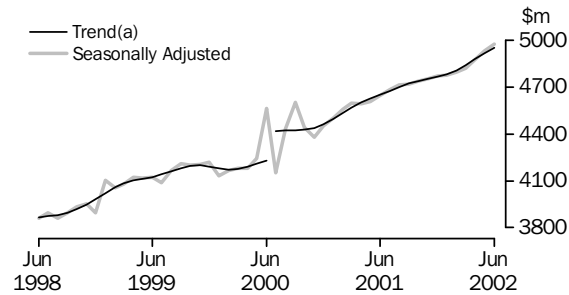
(a) Break in trend series from July 2000

STATE TRENDS

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

NEW SOUTH WALES

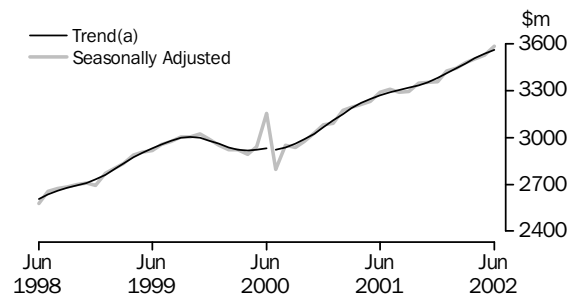
Trend growth has been strong in each of the last three months. The Household good retailing and Hospitality and services industries have had strong growth in each of these months, while Clothing and soft good retailing has been in decline.



(a) Break in trend series from July 2000

VICTORIA

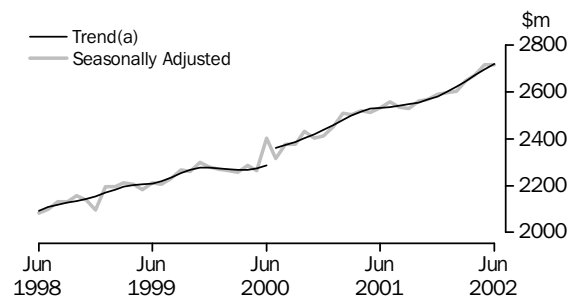
After six months of strong growth there has been moderate trend growth in June 2002. All industries except Hospitality and services had moderate to strong growth in each of the last seven months.



(a) Break in trend series from July 2000

QUEENSLAND

There has been strong trend growth in each of the last five months. The Household good retailing, Recreational good retailing and Hospitality and services industries have had strong growth in each of these months, while Clothing and soft good retailing has been in decline.



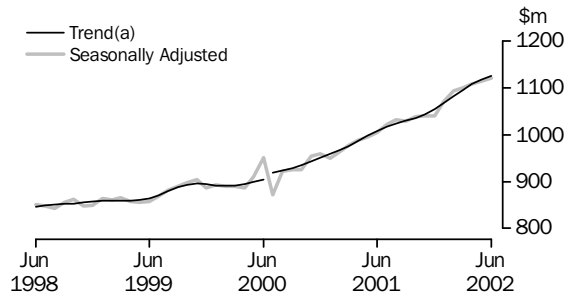
(a) Break in trend series from July 2000

STATE TRENDS *continued*

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

SOUTH AUSTRALIA

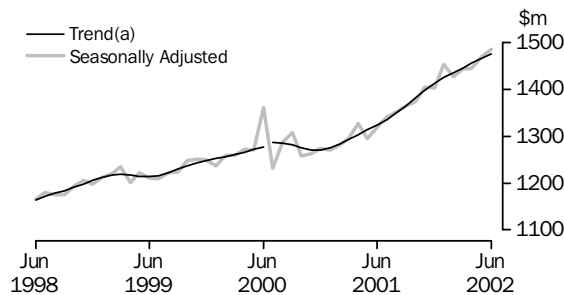
There has been strong trend growth in each of the last eight months. There was strong growth in each of these months for the Household good retailing industry. The rate of growth for Recreational good retailing has continued to decrease, and has been in decline for the last four months.



(a) Break in trend series from July 2000

WESTERN AUSTRALIA

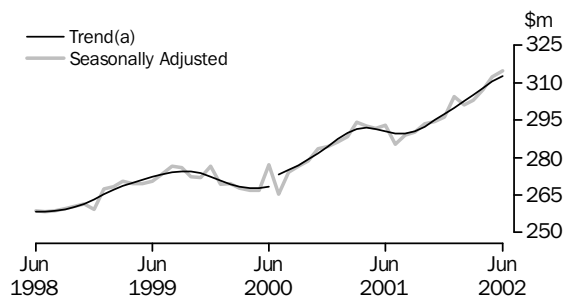
The trend growth has been slowing since October 2001 with moderate growth since March 2002. In each of the last eight months the Food retailing, Department stores and Hospitality and services industries had moderate to strong growth.



(a) Break in trend series from July 2000

TASMANIA

After seven months of strong growth in the trend estimate there was moderate growth in June 2002. There has been strong growth in each of the last nine months in the Household good retailing industry.



(a) Break in trend series from July 2000

RETAIL TURNOVER, By Industry Group(a)

Month	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ORIGINAL (\$ million)								
2001								
April	5 175.6	1 015.4	857.8	1 398.5	554.1	1 374.8	2 288.3	12 664.5
May	5 272.1	1 099.0	915.5	1 497.7	568.5	1 480.7	2 300.8	13 134.3
June	5 126.5	1 003.2	859.5	1 585.4	571.2	1 395.7	2 279.4	12 820.8
July	5 220.3	1 082.3	843.0	1 580.0	590.8	1 472.6	2 419.5	13 208.4
August	5 434.9	942.1	801.0	1 600.8	610.0	1 535.3	2 476.5	13 400.6
September	5 287.1	991.9	836.0	1 541.5	569.4	1 492.0	2 412.5	13 130.4
October	5 573.7	1 109.7	919.1	1 688.8	597.6	1 596.6	2 448.3	13 933.8
November	5 643.7	1 320.9	943.1	1 765.5	643.4	1 685.6	2 471.1	14 473.1
December	6 311.4	2 235.0	1 324.9	2 134.2	878.6	2 241.2	2 722.5	17 847.9
2002								
January	5 805.2	1 011.3	924.1	1 723.1	632.6	1 456.2	2 419.7	13 972.2
February	5 208.5	824.6	752.8	1 492.7	585.5	1 378.6	2 245.4	12 488.0
March	5 826.4	1 021.8	858.4	1 611.6	648.7	1 494.1	2 464.7	13 925.6
April	5 474.9	1 053.6	920.5	1 649.1	618.8	1 516.7	2 423.4	13 657.1
May	r5 760.2	1 164.1	993.9	1 747.5	639.8	1 635.1	2 478.1	r14 418.5
June	5 421.4	1 120.7	897.0	1 770.2	602.2	1 492.0	2 402.1	13 705.7
SEASONALLY ADJUSTED (\$ million)								
2001								
April	5 338.1	1 113.9	907.0	1 539.7	615.5	1 485.6	2 349.5	13 349.4
May	5 305.1	1 114.6	877.1	1 555.8	601.2	1 503.5	2 382.3	13 339.5
June	5 356.1	1 119.1	877.1	1 630.2	623.6	1 509.6	2 393.7	13 509.4
July	5 396.8	1 138.7	864.5	1 614.6	619.1	1 532.8	2 458.5	13 624.9
August	5 414.7	1 107.2	868.7	1 612.9	627.4	1 535.7	2 475.7	13 642.4
September	5 478.5	1 069.4	882.9	1 609.1	599.7	1 550.7	2 462.6	13 652.7
October	5 514.7	1 147.1	906.7	1 642.5	605.2	1 564.5	2 408.3	13 789.0
November	5 542.5	1 158.5	904.4	1 675.4	609.4	1 564.8	2 404.4	13 859.5
December	5 568.8	1 156.6	920.3	1 668.9	614.7	1 596.6	2 366.4	13 892.2
2002								
January	5 636.5	1 153.8	957.6	1 734.4	632.6	1 562.5	2 399.7	14 077.2
February	5 641.6	1 162.9	956.1	1 672.7	651.3	1 584.6	2 448.2	14 117.5
March	5 693.2	1 168.3	949.0	1 704.1	677.3	1 623.3	2 426.8	14 242.0
April	5 684.7	1 163.0	941.8	1 773.4	666.6	1 620.2	2 511.2	14 361.0
May	5 753.0	1 193.3	943.5	1 793.9	677.0	1 646.6	2 525.4	14 532.7
June	5 739.0	1 269.6	944.4	1 852.3	673.9	1 637.0	2 548.0	14 664.2
TREND ESTIMATES (\$ million)								
2001								
April	5 308.2	1 123.3	878.1	1 538.8	622.1	1 490.1	2 370.6	13 335.8
May	5 336.9	1 120.3	877.8	1 561.7	620.0	1 503.9	2 396.0	13 423.1
June	5 364.1	1 115.7	876.6	1 583.1	617.2	1 515.3	2 419.4	13 498.7
July	5 393.6	1 113.1	875.5	1 600.4	614.5	1 527.0	2 437.2	13 567.8
August	5 427.8	1 114.0	876.7	1 615.9	612.1	1 539.5	2 444.7	13 635.1
September	5 466.8	1 119.5	883.7	1 631.3	609.7	1 551.1	2 439.7	13 703.8
October	5 507.4	1 128.9	897.0	1 646.3	609.0	1 560.4	2 424.9	13 774.0
November	5 546.5	1 139.9	913.5	1 661.0	612.4	1 568.1	2 407.9	13 848.5
December	5 583.2	1 150.4	928.9	1 675.2	621.3	1 576.0	2 399.1	13 932.1
2002								
January	5 617.6	1 158.8	940.2	1 691.3	634.7	1 585.3	2 406.2	14 031.5
February	5 649.0	1 164.5	946.4	1 710.5	648.7	1 596.5	2 428.7	14 142.3
March	5 678.3	1 169.0	948.7	1 733.8	660.5	1 609.0	2 458.2	14 259.8
April	5 705.5	1 175.5	948.8	1 761.1	669.9	1 622.0	2 488.4	14 381.7
May	5 730.6	1 182.9	947.9	1 789.5	677.5	1 634.3	2 517.7	14 503.5
June	5 752.6	1 190.1	945.6	1 816.2	683.7	1 644.9	2 548.2	14 622.2

r revised

(a) See paragraph 3 of the Explanatory Notes.

RETAIL TURNOVER PERCENTAGE CHANGE, By Industry Group(a)

Month	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ORIGINAL (% change from preceding month)								
2001								
April	-4.6	2.0	5.1	-4.1	-11.0	-1.2	-5.3	-3.5
May	1.9	8.2	6.7	7.1	2.6	7.7	0.5	3.7
June	-2.8	-8.7	-6.1	5.9	0.5	-5.7	-0.9	-2.4
July	1.8	7.9	-1.9	-0.3	3.4	5.5	6.1	3.0
August	4.1	-13.0	-5.0	1.3	3.2	4.3	2.4	1.5
September	-2.7	5.3	4.4	-3.7	-6.6	-2.8	-2.6	-2.0
October	5.4	11.9	9.9	9.6	4.9	7.0	1.5	6.1
November	1.3	19.0	2.6	4.5	7.7	5.6	0.9	3.9
December	11.8	69.2	40.5	20.9	36.6	33.0	10.2	23.3
2002								
January	-8.0	-54.8	-30.3	-19.3	-28.0	-35.0	-11.1	-21.7
February	-10.3	-18.5	-18.5	-13.4	-7.5	-5.3	-7.2	-10.6
March	11.9	23.9	14.0	8.0	10.8	8.4	9.8	11.5
April	-6.0	3.1	7.2	2.3	-4.6	1.5	-1.7	-1.9
May	5.2	10.5	8.0	6.0	3.4	7.8	2.3	5.6
June	-5.9	-3.7	-9.7	1.3	-5.9	-8.7	-3.1	-4.9
SEASONALLY ADJUSTED (% change from preceding month)								
2001								
April	1.0	-1.4	3.9	2.2	-2.2	0.5	-1.0	0.6
May	-0.6	0.1	-3.3	1.0	-2.3	1.2	1.4	-0.1
June	1.0	0.4	0.0	4.8	3.7	0.4	0.5	1.3
July	0.8	1.7	-1.4	-1.0	-0.7	1.5	2.7	0.9
August	0.3	-2.8	0.5	-0.1	1.3	0.2	0.7	0.1
September	1.2	-3.4	1.6	-0.2	-4.4	1.0	-0.5	0.1
October	0.7	7.3	2.7	2.1	0.9	0.9	-2.2	1.0
November	0.5	1.0	-0.2	2.0	0.7	0.0	-0.2	0.5
December	0.5	-0.2	1.8	-0.4	0.9	2.0	-1.6	0.2
2002								
January	1.2	-0.2	4.1	3.9	2.9	-2.1	1.4	1.3
February	0.1	0.8	-0.2	-3.6	2.9	1.4	2.0	0.3
March	0.9	0.5	-0.7	1.9	4.0	2.4	-0.9	0.9
April	-0.1	-0.5	-0.8	4.1	-1.6	-0.2	3.5	0.8
May	1.2	2.6	0.2	1.2	1.6	1.6	0.6	1.2
June	-0.2	6.4	0.1	3.3	-0.5	-0.6	0.9	0.9
TREND ESTIMATES (% change from preceding month)								
2001								
April	0.7	0.1	0.3	1.4	0.0	1.0	1.1	0.8
May	0.5	-0.3	0.0	1.5	-0.3	0.9	1.1	0.7
June	0.5	-0.4	-0.1	1.4	-0.4	0.8	1.0	0.6
July	0.6	-0.2	-0.1	1.1	-0.4	0.8	0.7	0.5
August	0.6	0.1	0.1	1.0	-0.4	0.8	0.3	0.5
September	0.7	0.5	0.8	1.0	-0.4	0.8	-0.2	0.5
October	0.7	0.8	1.5	0.9	-0.1	0.6	-0.6	0.5
November	0.7	1.0	1.8	0.9	0.6	0.5	-0.7	0.5
December	0.7	0.9	1.7	0.9	1.5	0.5	-0.4	0.6
2002								
January	0.6	0.7	1.2	1.0	2.1	0.6	0.3	0.7
February	0.6	0.5	0.7	1.1	2.2	0.7	0.9	0.8
March	0.5	0.4	0.2	1.4	1.8	0.8	1.2	0.8
April	0.5	0.6	0.0	1.6	1.4	0.8	1.2	0.9
May	0.4	0.6	-0.1	1.6	1.1	0.8	1.2	0.8
June	0.4	0.6	-0.2	1.5	0.9	0.6	1.2	0.8

(a) See paragraph 3 of the Explanatory Notes.

RETAIL TURNOVER, By Sub-Group(a): Original

Month	FOOD RETAILING					CLOTHING & SOFT GOOD RETAILING			HOUSEHOLD GOOD RETAILING			
	Super- markets & grocery stores	Take- away food retailing	Other food retailing	Total	Depart- ment stores	Clothing retailing	Foot- wear, fabric & other soft good retailing	Total	Furniture & floor covering retailing	Domestic hardware & house- ware retailing	Domestic appliance & recorded music retailing	Total
\$ MILLION												
2001												
June	3 700.1	577.6	848.9	5 126.5	1 003.2	610.5	249.0	859.5	441.2	435.6	708.6	1 585.4
July	3 764.3	600.3	855.6	5 220.3	1 082.3	579.2	263.8	843.0	436.2	436.4	707.5	1 580.0
August	3 956.5	600.5	878.0	5 434.9	942.1	554.3	246.7	801.0	418.5	472.6	709.6	1 600.8
September	3 821.0	592.9	873.2	5 287.1	991.9	582.7	253.4	836.0	396.1	478.3	667.1	1 541.5
October	3 999.1	619.9	954.6	5 573.7	1 109.7	630.2	288.9	919.1	437.6	556.1	695.1	1 688.8
November	4 046.0	605.6	992.0	5 643.7	1 320.9	655.5	287.6	943.1	447.7	551.4	766.4	1 765.5
December	4 393.5	657.8	1 260.0	6 311.4	2 235.0	958.8	366.0	1 324.9	454.4	647.0	1 032.8	2 134.2
2002												
January	4 126.6	655.8	1 022.8	5 805.2	1 011.3	619.9	304.2	924.1	457.2	532.7	733.2	1 723.1
February	3 726.5	558.0	923.9	5 208.5	824.6	509.5	243.3	752.8	386.1	474.4	632.3	1 492.7
March	4 179.6	626.1	1 020.7	5 826.4	1 021.8	603.0	255.4	858.4	412.6	524.0	675.0	1 611.6
April	3 877.3	630.0	967.6	5 474.9	1 053.6	640.4	280.2	920.5	443.6	503.9	701.6	1 649.1
May	4 124.6	629.0	1 006.6	5 760.2	1 164.1	688.2	305.7	993.9	446.7	490.0	810.7	1 747.5
June	3 864.8	611.8	944.8	5 421.4	1 120.7	620.8	276.2	897.0	462.1	473.2	834.9	1 770.2
% CHANGE FROM PRECEDING MONTH												
2001												
June	-3.3	-0.1	-2.0	-2.8	-8.7	-6.4	-5.3	-6.1	9.7	-0.1	7.5	5.9
July	1.7	3.9	0.8	1.8	7.9	-5.1	5.9	-1.9	-1.1	0.2	-0.2	-0.3
August	5.1	0.0	2.6	4.1	-13.0	-4.3	-6.5	-5.0	-4.0	8.3	0.3	1.3
September	-3.4	-1.3	-0.5	-2.7	5.3	5.1	2.7	4.4	-5.4	1.2	-6.0	-3.7
October	4.7	4.6	9.3	5.4	11.9	8.2	14.1	9.9	10.5	16.3	4.2	9.6
November	1.2	-2.3	3.9	1.3	19.0	4.0	-0.5	2.6	2.3	-0.9	10.3	4.5
December	8.6	8.6	27.0	11.8	69.2	46.3	27.3	40.5	1.5	17.3	34.8	20.9
2002												
January	-6.1	-0.3	-18.8	-8.0	-54.8	-35.4	-16.9	-30.3	0.6	-17.7	-29.0	-19.3
February	-9.7	-14.9	-9.7	-10.3	-18.5	-17.8	-20.0	-18.5	-15.6	-11.0	-13.8	-13.4
March	12.2	12.2	10.5	11.9	23.9	18.4	5.0	14.0	6.9	10.5	6.8	8.0
April	-7.2	0.6	-5.2	-6.0	3.1	6.2	9.7	7.2	7.5	-3.9	4.0	2.3
May	6.4	-0.2	4.0	5.2	10.5	7.5	9.1	8.0	0.7	-2.7	15.5	6.0
June	-6.3	-2.7	-6.1	-5.9	-3.7	-9.8	-9.6	-9.7	3.4	-3.4	3.0	1.3
% CHANGE FROM CORRESPONDING MONTH OF PREVIOUS YEAR												
2001												
June	7.4	12.3	4.7	7.5	-13.9	-8.9	-18.3	-11.9	-18.7	3.5	-8.1	-8.6
July	7.7	9.7	4.2	7.3	27.8	21.3	17.0	19.9	22.4	23.8	8.8	16.3
August	9.7	10.4	2.7	8.6	-4.9	9.1	7.4	8.6	6.1	22.5	4.4	9.6
September	7.8	6.4	0.5	6.3	-4.2	-3.2	-1.2	-2.6	5.7	15.4	3.3	7.4
October	10.0	3.1	13.9	9.8	5.7	15.0	7.2	12.4	9.0	25.2	8.5	13.6
November	9.8	4.3	16.6	10.3	9.4	9.7	4.1	7.9	7.1	18.6	12.6	12.9
December	5.3	4.9	12.4	6.6	4.3	6.7	-4.4	3.4	9.4	11.9	12.9	11.8
2002												
January	10.6	5.8	20.9	11.7	5.9	14.6	7.4	12.2	19.1	17.5	13.9	16.3
February	5.9	1.5	16.7	7.2	3.4	14.1	9.8	12.6	12.4	18.7	6.5	11.6
March	7.0	0.7	13.9	7.4	2.6	8.2	-1.3	5.2	5.3	18.7	7.9	10.5
April	4.4	7.0	10.9	5.8	3.8	4.5	14.4	7.3	14.7	16.5	21.1	17.9
May	7.8	8.8	16.2	9.3	5.9	5.5	16.2	8.6	11.0	12.4	23.0	16.7
June	4.5	5.9	11.3	5.8	11.7	1.7	10.9	4.4	4.7	8.6	17.8	11.7

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(a) See paragraph 3 of Explanatory Notes.

RETAIL TURNOVER, By Sub-Group(a): **Original** *continued*

Month	RECREATIONAL GOOD RETAILING			OTHER RETAILING			HOSPITALITY & SERVICES				Total all industries
	News- paper, book & stationery retailing	Other recre- ational goods retailing	Total	Pharma- ceutical, cosmetic & toiletry retailing	Other retailing n.e.c.	Total	Hotels & licensed clubs	Cafes & restau- rants	Selected services	Total	
\$ MILLION											
2001											
June	373.5	197.6	571.2	723.6	672.1	1 395.7	1 314.4	730.8	234.2	2 279.4	12 820.8
July	396.8	194.0	590.8	768.5	704.1	1 472.6	1 398.4	782.7	238.3	2 419.5	13 208.4
August	413.2	196.7	610.0	802.3	733.1	1 535.3	1 432.2	805.9	238.4	2 476.5	13 400.6
September	371.3	198.1	569.4	752.1	739.9	1 492.0	1 421.8	754.2	236.6	2 412.5	13 130.4
October	399.7	197.9	597.6	790.6	806.1	1 596.6	1 427.4	775.2	245.7	2 448.3	13 933.8
November	410.4	232.9	643.4	801.3	884.2	1 685.6	1 434.8	782.9	253.3	2 471.1	14 473.1
December	498.5	380.1	878.6	938.1	1 303.1	2 241.2	1 584.8	849.3	288.5	2 722.5	17 847.9
2002											
January	422.0	210.5	632.6	700.7	755.5	1 456.2	1 413.8	736.8	269.2	2 419.7	13 972.2
February	409.7	175.8	585.5	672.1	706.5	1 378.6	1 312.9	688.4	244.1	2 245.4	12 488.0
March	440.3	208.4	648.7	724.0	770.1	1 494.1	1 444.3	760.9	259.6	2 464.7	13 925.6
April	424.2	194.6	618.8	775.1	741.6	1 516.7	1 417.6	739.2	266.7	2 423.4	13 657.1
May	442.6	197.1	639.8	834.0	801.0	1 635.1	1 440.2	755.1	282.8	2 478.1	r14 418.5
June	409.2	193.0	602.2	775.5	716.5	1 492.0	1 405.0	720.6	276.5	2 402.1	13 705.7
% CHANGE FROM PRECEDING MONTH											
2001											
June	-1.1	3.5	0.5	-4.0	-7.5	-5.7	1.7	-5.7	0.5	-0.9	-2.4
July	6.2	-1.8	3.4	6.2	4.8	5.5	6.4	7.1	1.8	6.1	3.0
August	4.2	1.4	3.2	4.4	4.1	4.3	2.4	3.0	0.0	2.4	1.5
September	-10.1	0.7	-6.6	-6.3	0.9	-2.8	-0.7	-6.4	-0.7	-2.6	-2.0
October	7.6	-0.1	4.9	5.1	8.9	7.0	0.4	2.8	3.9	1.5	6.1
November	2.7	17.7	7.7	1.4	9.7	5.6	0.5	1.0	3.1	0.9	3.9
December	21.5	63.2	36.6	17.1	47.4	33.0	10.4	8.5	13.9	10.2	23.3
2002											
January	-15.3	-44.6	-28.0	-25.3	-42.0	-35.0	-10.8	-13.3	-6.7	-11.1	-21.7
February	-2.9	-16.5	-7.5	-4.1	-6.5	-5.3	-7.1	-6.6	-9.3	-7.2	-10.6
March	7.5	18.5	10.8	7.7	9.0	8.4	10.0	10.5	6.3	9.8	11.5
April	-3.7	-6.6	-4.6	7.1	-3.7	1.5	-1.8	-2.9	2.7	-1.7	-1.9
May	4.4	1.3	3.4	7.6	8.0	7.8	1.6	2.2	6.0	2.3	5.6
June	-7.5	-2.1	-5.9	-7.0	-10.5	-8.7	-2.4	-4.6	-2.2	-3.1	-4.9
% CHANGE FROM CORRESPONDING MONTH OF PREVIOUS YEAR											
2001											
June	6.5	-4.8	2.3	15.0	-0.9	6.7	11.9	7.9	26.3	11.9	2.2
July	1.9	7.4	3.6	21.5	23.3	22.3	15.0	14.1	9.2	14.1	13.2
August	7.8	-2.6	4.2	15.3	17.9	16.5	11.0	15.2	8.2	12.0	8.9
September	0.9	-11.1	-3.6	12.1	10.8	11.5	10.8	-3.6	7.2	5.5	4.9
October	5.9	-2.0	3.1	16.8	8.0	12.2	9.6	0.8	6.4	6.3	9.4
November	2.5	1.8	2.3	14.7	10.4	12.4	9.4	4.9	7.8	7.7	9.8
December	2.9	3.7	3.2	12.3	12.9	12.6	4.6	4.4	3.5	4.4	6.9
2002											
January	5.0	-1.2	2.9	10.4	10.9	10.6	7.7	-3.3	9.3	4.3	9.9
February	4.7	-3.0	2.3	8.2	5.8	7.0	8.6	-2.6	10.1	5.1	7.1
March	4.5	3.6	4.2	5.9	8.8	7.4	5.9	-5.4	4.5	2.0	6.1
April	18.8	-1.2	11.7	12.4	8.2	10.3	9.9	-3.1	13.6	5.9	7.8
May	17.2	3.2	12.5	10.6	10.2	10.4	11.4	-2.5	21.3	7.7	9.8
June	9.6	-2.3	5.4	7.2	6.6	6.9	6.9	-1.4	18.1	5.4	6.9

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(a) See paragraph 3 of Explanatory Notes.

RETAIL TURNOVER, By State

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ORIGINAL (\$ million)									
2001									
April	4 402.3	3 053.8	2 355.0	937.7	1 243.0	281.3	127.1	264.2	12 664.5
May	4 558.2	3 159.9	2 467.0	979.7	1 272.8	286.0	138.0	272.6	13 134.3
June	4 385.5	3 118.7	2 436.4	945.1	1 247.4	276.5	142.1	269.0	12 820.8
July	4 557.6	3 198.5	2 481.1	990.9	1 281.0	268.9	149.4	281.0	13 208.4
August	4 605.1	3 223.1	2 529.9	1 007.6	1 321.8	279.2	155.6	278.3	13 400.6
September	4 543.5	3 135.1	2 473.4	991.1	1 295.5	272.0	142.2	277.6	13 130.4
October	4 772.4	3 388.9	2 587.5	1 043.7	1 410.5	290.5	149.8	290.6	13 933.8
November	4 949.7	3 524.4	2 654.6	1 102.0	1 478.7	310.7	148.4	304.5	14 473.1
December	6 142.0	4 404.3	3 261.1	1 336.0	1 791.8	378.8	157.7	376.2	17 847.9
2002									
January	4 761.4	3 359.0	2 637.3	1 061.7	1 433.1	304.3	133.9	281.5	13 972.2
February	4 248.2	3 037.3	2 290.1	956.9	1 292.0	277.1	123.1	263.2	12 488.0
March	4 691.8	3 409.6	2 566.5	1 096.6	1 421.4	308.5	139.4	291.9	13 925.6
April	4 662.5	3 337.8	2 509.0	1 048.6	1 375.1	294.3	142.4	287.3	13 657.1
May	4 930.7	3 492.3	2 675.0	1 101.5	1 452.7	309.9	154.4	302.0	14 418.5
June	4 633.2	3 337.6	2 581.6	1 043.6	1 373.6	290.6	155.0	290.5	13 705.7
SEASONALLY ADJUSTED (\$ million)									
2001									
April	4 595.8	3 212.9	2 519.1	988.9	1 327.6	292.6	136.2	276.1	13 349.4
May	4 606.4	3 231.9	2 511.5	994.6	1 294.2	291.7	136.7	272.6	13 339.5
June	4 646.3	3 291.8	2 533.1	1 005.0	1 319.3	293.0	139.6	281.3	13 509.4
July	4 685.8	3 309.0	2 557.5	1 021.7	1 342.4	285.3	140.6	282.6	13 624.9
August	4 714.4	3 291.4	2 536.0	1 032.7	1 351.2	289.0	141.7	286.0	13 642.4
September	4 718.1	3 295.3	2 528.6	1 028.3	1 364.5	290.1	139.9	288.0	13 652.7
October	4 740.1	3 350.4	2 561.0	1 037.9	1 373.5	293.4	143.5	289.1	13 789.0
November	4 754.9	3 355.6	2 569.4	1 039.3	1 405.5	294.5	147.1	293.2	13 859.5
December	4 773.8	3 359.1	2 589.9	1 039.7	1 402.5	296.1	140.8	290.3	13 892.2
2002									
January	4 779.1	3 426.3	2 598.0	1 071.0	1 452.9	304.6	149.0	296.3	14 077.2
February	4 799.7	3 445.5	2 603.0	1 092.8	1 428.3	301.1	146.9	300.1	14 117.5
March	4 821.8	3 478.0	2 650.2	1 099.8	1 443.1	302.9	148.4	297.9	14 242.0
April	4 875.0	3 504.5	2 670.9	1 107.3	1 446.2	307.1	150.9	299.2	14 361.0
May	4 934.6	3 530.3	2 717.1	1 114.9	1 470.0	312.4	152.8	300.8	14 532.7
June	4 976.2	3 587.1	2 718.2	1 121.8	1 485.4	314.6	154.7	306.1	14 664.2
TREND ESTIMATES (\$ million)									
2001									
April	4 602.9	3 221.5	2 516.8	986.2	1 303.8	291.9	137.4	275.3	13 335.8
May	4 629.0	3 248.8	2 527.2	997.3	1 313.7	291.5	138.0	277.6	13 423.1
June	4 652.5	3 271.4	2 532.3	1 008.6	1 324.4	290.6	138.9	280.0	13 498.7
July	4 677.0	3 289.0	2 536.0	1 017.9	1 335.9	289.6	139.9	282.5	13 567.8
August	4 701.2	3 303.3	2 541.2	1 024.7	1 349.2	289.4	140.9	285.0	13 635.1
September	4 723.1	3 317.7	2 548.0	1 030.1	1 365.0	290.4	142.0	287.5	13 703.8
October	4 740.4	3 334.0	2 556.2	1 035.8	1 382.4	292.4	143.0	289.8	13 774.0
November	4 753.3	3 355.1	2 566.6	1 043.7	1 399.1	294.9	144.0	291.8	13 848.5
December	4 765.8	3 381.3	2 580.8	1 054.6	1 413.4	297.5	145.1	293.6	13 932.1
2002									
January	4 783.6	3 412.1	2 600.0	1 068.2	1 426.0	300.0	146.3	295.4	14 031.5
February	4 809.4	3 444.2	2 622.5	1 082.7	1 436.7	302.5	147.7	297.1	14 142.3
March	4 841.8	3 476.5	2 646.8	1 096.0	1 446.4	305.2	149.2	298.8	14 259.8
April	4 878.4	3 508.2	2 672.3	1 107.4	1 456.3	307.9	150.8	300.5	14 381.7
May	4 916.7	3 537.6	2 697.6	1 117.5	1 466.4	310.5	152.4	302.2	14 503.5
June	4 955.0	3 562.4	2 721.5	1 126.4	1 476.8	312.7	154.3	304.0	14 622.2

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RETAIL TURNOVER PERCENTAGE CHANGE, By State

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ORIGINAL (% change from preceding month)									
2001									
April	-2.6	-3.5	-4.2	-4.5	-4.0	-5.9	-3.3	-3.3	-3.5
May	3.5	3.5	4.8	4.5	2.4	1.7	8.6	3.2	3.7
June	-3.8	-1.3	-1.2	-3.5	-2.0	-3.3	3.0	-1.3	-2.4
July	3.9	2.6	1.8	4.8	2.7	-2.7	5.1	4.4	3.0
August	1.0	0.8	2.0	1.7	3.2	3.8	4.1	-1.0	1.5
September	-1.3	-2.7	-2.2	-1.6	-2.0	-2.6	-8.6	-0.3	-2.0
October	5.0	8.1	4.6	5.3	8.9	6.8	5.3	4.7	6.1
November	3.7	4.0	2.6	5.6	4.8	7.0	-0.9	4.8	3.9
December	24.1	25.0	22.8	21.2	21.2	21.9	6.3	23.6	23.3
2002									
January	-22.5	-23.7	-19.1	-20.5	-20.0	-19.7	-15.1	-25.2	-21.7
February	-10.8	-9.6	-13.2	-9.9	-9.8	-8.9	-8.1	-6.5	-10.6
March	10.4	12.3	12.1	14.6	10.0	11.3	13.3	10.9	11.5
April	-0.6	-2.1	-2.2	-4.4	-3.3	-4.6	2.2	-1.5	-1.9
May	5.8	4.6	6.6	5.0	5.6	5.3	8.4	5.1	5.6
June	-6.0	-4.4	-3.5	-5.3	-5.4	-6.2	0.4	-3.8	-4.9
SEASONALLY ADJUSTED (% change from preceding month)									
2001									
April	0.0	0.6	0.6	1.2	2.5	-0.5	-1.4	-0.2	0.6
May	0.2	0.6	-0.3	0.6	-2.5	-0.3	0.3	-1.3	-0.1
June	0.9	1.9	0.9	1.0	1.9	0.5	2.1	3.2	1.3
July	0.9	0.5	1.0	1.7	1.8	-2.6	0.8	0.5	0.9
August	0.6	-0.5	-0.8	1.1	0.7	1.3	0.8	1.2	0.1
September	0.1	0.1	-0.3	-0.4	1.0	0.4	-1.3	0.7	0.1
October	0.5	1.7	1.3	0.9	0.7	1.2	2.6	0.4	1.0
November	0.3	0.2	0.3	0.1	2.3	0.4	2.5	1.4	0.5
December	0.4	0.1	0.8	0.0	-0.2	0.6	-4.3	-1.0	0.2
2002									
January	0.1	2.0	0.3	3.0	3.6	2.9	5.9	2.1	1.3
February	0.4	0.6	0.2	2.0	-1.7	-1.2	-1.4	1.3	0.3
March	0.5	0.9	1.8	0.6	1.0	0.6	1.0	-0.8	0.9
April	1.1	0.8	0.8	0.7	0.2	1.4	1.7	0.4	0.8
May	1.2	0.7	1.7	0.7	1.6	1.7	1.2	0.5	1.2
June	0.8	1.6	0.0	0.6	1.1	0.7	1.3	1.8	0.9
TREND ESTIMATES (% change from preceding month)									
2001									
April	0.7	1.0	0.6	1.0	0.8	0.2	0.5	0.8	0.8
May	0.6	0.8	0.4	1.1	0.8	-0.1	0.5	0.8	0.7
June	0.5	0.7	0.2	1.1	0.8	-0.3	0.6	0.9	0.6
July	0.5	0.5	0.1	0.9	0.9	-0.3	0.7	0.9	0.5
August	0.5	0.4	0.2	0.7	1.0	-0.1	0.7	0.9	0.5
September	0.5	0.4	0.3	0.5	1.2	0.3	0.8	0.9	0.5
October	0.4	0.5	0.3	0.6	1.3	0.7	0.7	0.8	0.5
November	0.3	0.6	0.4	0.8	1.2	0.9	0.7	0.7	0.5
December	0.3	0.8	0.6	1.0	1.0	0.9	0.7	0.6	0.6
2002									
January	0.4	0.9	0.7	1.3	0.9	0.8	0.8	0.6	0.7
February	0.5	0.9	0.9	1.4	0.7	0.8	0.9	0.6	0.8
March	0.7	0.9	0.9	1.2	0.7	0.9	1.0	0.6	0.8
April	0.8	0.9	1.0	1.0	0.7	0.9	1.1	0.6	0.9
May	0.8	0.8	0.9	0.9	0.7	0.8	1.1	0.6	0.8
June	0.8	0.7	0.9	0.8	0.7	0.7	1.3	0.6	0.8

RETAIL TURNOVER, By Industry Group(a)—New South Wales

Month	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ORIGINAL (\$ million)								
2001								
April	1 670.0	351.1	318.0	441.0	199.8	454.4	967.9	4 402.3
May	1 692.5	393.8	348.0	472.8	195.8	481.5	973.8	4 558.2
June	1 659.1	334.1	311.3	496.0	197.1	448.2	939.7	4 385.5
July	1 683.6	381.5	306.3	486.1	209.6	470.3	1 020.2	4 557.6
August	1 742.6	326.9	282.6	484.8	213.7	495.9	1 058.4	4 605.1
September	1 719.9	347.3	303.4	459.4	199.2	474.8	1 039.3	4 543.5
October	1 828.6	390.2	325.8	484.8	204.1	508.5	1 030.4	4 772.4
November	1 837.2	459.1	334.0	510.8	224.8	548.7	1 035.1	4 949.7
December	2 072.1	792.5	483.4	632.0	291.8	745.4	1 124.8	6 142.0
2002								
January	1 922.5	351.7	347.3	497.6	206.8	457.2	978.3	4 761.4
February	1 703.9	290.9	283.5	420.9	199.9	437.0	912.2	4 248.2
March	1 882.4	350.5	317.0	461.1	228.5	472.7	979.5	4 691.8
April	1 786.6	364.4	315.9	489.0	218.2	488.7	999.7	4 662.5
May	1 857.7	420.1	353.6	521.9	221.4	523.3	1 032.6	4 930.7
June	1 758.1	381.1	302.9	520.3	208.2	468.1	994.4	4 633.2
SEASONALLY ADJUSTED (\$ million)								
2001								
April	1 713.1	389.0	337.8	481.5	214.7	480.3	979.6	4 595.8
May	1 710.5	390.1	330.4	480.1	205.8	487.8	1 001.6	4 606.4
June	1 729.4	385.5	327.7	510.2	214.1	490.1	989.3	4 646.3
July	1 749.0	396.2	316.4	486.7	211.6	496.0	1 029.9	4 685.8
August	1 759.3	383.5	304.3	487.2	214.4	507.0	1 058.7	4 714.4
September	1 770.1	375.7	316.6	483.5	207.8	504.3	1 060.2	4 718.1
October	1 797.2	405.3	322.7	480.0	211.3	501.0	1 022.6	4 740.1
November	1 806.6	401.1	321.4	488.5	213.4	507.6	1 016.3	4 754.9
December	1 816.6	407.5	333.4	495.2	217.0	513.8	990.2	4 773.8
2002								
January	1 864.2	398.0	353.4	498.7	215.3	488.8	960.6	4 779.1
February	1 841.5	412.7	361.1	469.2	222.7	501.3	991.2	4 799.7
March	1 857.2	411.7	344.7	487.1	233.0	512.7	975.5	4 821.8
April	1 839.5	402.0	329.5	532.0	227.0	520.5	1 024.5	4 875.0
May	1 867.4	420.0	334.8	526.9	230.1	515.9	1 039.5	4 934.6
June	1 853.4	447.5	328.2	536.2	232.7	518.6	1 059.6	4 976.2
TREND ESTIMATES (\$ million)								
2001								
April	(b)1 712.7	389.5	322.5	488.9	220.9	480.9	995.9	4 602.9
May	1 722.1	388.6	324.7	489.7	216.3	487.1	1 004.5	4 629.0
June	1 732.2	387.5	323.6	489.9	212.3	492.4	1 015.5	4 652.5
July	1 744.0	387.4	319.8	489.1	210.2	497.4	1 028.2	4 677.0
August	1 758.3	388.4	315.9	488.2	210.1	501.7	1 037.4	4 701.2
September	1 775.3	390.9	315.4	487.5	210.8	504.3	1 038.5	4 723.1
October	1 793.4	394.7	320.3	486.3	211.8	504.8	1 029.0	4 740.4
November	1 810.9	399.0	328.9	485.2	213.3	504.2	1 011.8	4 753.3
December	1 826.5	402.8	337.9	485.4	215.9	503.5	994.2	4 765.8
2002								
January	1 838.7	405.7	344.1	488.4	219.4	504.0	984.4	4 783.6
February	1 846.7	407.8	345.9	494.0	223.0	506.2	986.7	4 809.4
March	1 851.6	409.6	344.1	502.2	226.2	509.5	998.1	4 841.8
April	1 854.8	412.3	340.4	512.0	228.9	513.1	1 013.2	4 878.4
May	1 857.1	415.3	336.1	522.0	231.1	516.5	1 029.1	4 916.7
June	1 858.0	417.9	331.3	531.1	232.8	519.3	1 045.2	4 955.0

(a) See paragraph 3 of the Explanatory Notes.

(b) Possible break in series. See paragraph 19 of the Explanatory Notes.

Month	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ORIGINAL (\$ million)								
2001								
April	1 299.1	259.1	227.7	358.2	119.8	333.6	456.3	3 053.8
May	1 301.8	269.0	231.4	389.6	131.7	374.6	461.8	3 159.9
June	1 261.3	256.4	222.4	421.3	133.2	357.5	466.7	3 118.7
July	1 284.7	270.6	216.2	417.7	134.3	387.1	488.0	3 198.5
August	1 338.9	227.1	205.2	425.7	138.3	395.3	492.6	3 223.1
September	1 292.6	245.8	208.3	419.3	131.1	378.9	459.2	3 135.1
October	1 362.9	274.3	235.5	471.5	144.2	399.9	500.5	3 388.9
November	1 399.8	322.5	240.4	477.5	153.7	422.9	507.7	3 524.4
December	1 571.9	563.8	337.0	580.3	215.4	566.3	569.6	4 404.3
2002								
January	1 408.3	247.9	223.3	459.8	153.3	374.8	491.6	3 359.0
February	1 276.3	203.0	192.2	403.6	134.1	353.6	474.5	3 037.3
March	1 429.7	261.2	227.1	438.6	148.1	375.9	529.0	3 409.6
April	1 332.9	273.3	266.6	449.6	140.6	386.8	488.2	3 337.8
May	1 407.9	287.1	274.8	460.5	153.7	421.0	487.4	3 492.3
June	1 323.5	295.2	248.4	478.6	140.2	374.0	477.7	3 337.6
SEASONALLY ADJUSTED (\$ million)								
2001								
April	1 355.1	278.1	229.3	393.8	136.2	358.6	461.9	3 212.9
May	1 328.5	276.3	219.3	404.6	142.6	384.9	475.7	3 231.9
June	1 330.9	280.1	229.3	437.0	146.6	383.6	484.4	3 291.8
July	1 322.4	286.2	226.0	435.8	145.5	398.6	494.5	3 309.0
August	1 329.7	273.9	224.7	437.8	143.1	393.0	489.2	3 291.4
September	1 354.7	274.7	229.4	439.3	137.0	387.5	472.8	3 295.3
October	1 350.0	282.8	236.5	456.1	146.6	384.4	494.0	3 350.4
November	1 358.3	285.5	228.6	447.7	145.7	391.7	498.1	3 355.6
December	1 353.4	284.5	231.6	444.1	139.9	401.6	504.0	3 359.1
2002								
January	1 379.1	285.1	237.1	453.7	147.8	421.6	501.9	3 426.3
February	1 379.6	287.4	244.0	451.1	153.5	414.9	515.1	3 445.5
March	1 401.0	294.0	245.1	469.3	160.0	402.1	506.5	3 478.0
April	1 399.4	295.2	257.2	484.7	156.9	409.2	501.9	3 504.5
May	1 410.6	299.7	258.4	474.6	163.3	434.0	489.6	3 530.3
June	1 418.1	326.4	259.2	504.0	157.9	417.1	504.4	3 587.1
TREND ESTIMATES (\$ million)								
2001								
April	1 334.1	283.3	229.3	393.6	139.7	375.2	466.7	3 221.5
May	1 334.5	281.5	227.2	404.7	141.5	380.8	475.5	3 248.8
June	1 333.7	279.6	226.3	416.3	142.9	385.4	481.5	3 271.4
July	1 333.8	278.6	226.3	427.1	143.6	388.0	485.2	3 289.0
August	1 336.3	278.5	227.1	436.3	143.5	389.4	487.3	3 303.3
September	1 341.4	279.4	228.5	442.9	142.8	390.9	489.3	3 317.7
October	1 348.5	280.7	230.2	446.5	142.6	393.3	492.3	3 334.0
November	1 356.7	282.2	231.9	448.3	143.4	396.7	496.7	3 355.1
December	1 365.0	284.2	234.3	450.0	145.7	401.5	501.6	3 381.3
2002								
January	1 373.8	286.7	238.1	453.4	149.0	406.7	505.1	3 412.1
February	1 383.3	289.5	242.7	459.4	152.5	411.1	506.1	3 444.2
March	1 393.2	292.7	247.8	467.3	155.7	414.2	504.7	3 476.5
April	1 402.3	296.3	252.8	476.2	158.4	416.7	502.8	3 508.2
May	1 410.1	300.0	257.1	484.8	160.5	418.9	500.9	3 537.6
June	1 416.6	303.5	260.4	492.5	162.0	420.5	499.1	3 562.4

(a) See paragraph 3 of the Explanatory Notes.

RETAIL TURNOVER, By Industry Group(a)—Queensland

Month	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ORIGINAL (\$ million)								
2001								
April	983.1	165.5	151.3	261.4	108.3	253.6	432.0	2 355.0
May	1 022.5	176.3	158.7	282.9	112.4	274.9	439.2	2 467.0
June	993.0	170.2	159.5	295.3	109.0	258.6	450.6	2 436.4
July	1 004.6	178.6	161.5	300.4	109.7	268.2	458.0	2 481.1
August	1 042.4	162.4	155.6	309.8	114.5	278.0	467.2	2 529.9
September	1 008.1	170.6	170.8	296.4	106.8	261.8	459.0	2 473.4
October	1 050.5	189.0	184.9	324.6	116.1	280.6	441.7	2 587.5
November	1 045.2	219.1	179.8	357.5	118.3	294.2	440.5	2 654.6
December	1 154.0	374.4	254.8	426.3	164.7	405.2	481.8	3 261.1
2002								
January	1 089.2	178.0	183.4	359.6	127.3	264.2	435.6	2 637.3
February	970.5	134.8	130.8	310.2	111.9	247.3	384.7	2 290.1
March	1 098.7	167.4	149.2	329.3	119.4	272.2	430.3	2 566.5
April	1 034.3	168.1	155.7	328.9	119.8	268.3	434.0	2 509.0
May	1 097.2	188.3	169.3	354.8	121.8	292.9	450.8	2 675.0
June	1 030.6	183.9	161.4	363.3	118.4	280.6	443.4	2 581.6
SEASONALLY ADJUSTED (\$ million)								
2001								
April	1 013.2	189.3	165.2	291.9	122.5	279.4	457.5	2 519.1
May	1 014.7	185.9	163.8	293.4	122.8	277.6	453.2	2 511.5
June	1 024.7	186.0	164.1	300.4	119.2	272.3	466.5	2 533.1
July	1 031.3	188.8	167.1	309.8	117.8	275.7	467.0	2 557.5
August	1 030.8	182.5	162.8	309.5	117.8	271.7	460.9	2 536.0
September	1 027.9	175.0	165.6	311.0	110.3	269.4	469.3	2 528.6
October	1 045.0	193.5	173.1	323.6	114.9	278.8	432.2	2 561.0
November	1 047.4	193.2	174.1	342.2	111.3	279.8	421.3	2 569.4
December	1 062.2	197.5	179.2	338.1	114.9	290.0	408.0	2 589.9
2002								
January	1 048.9	193.2	177.9	345.7	123.1	278.9	430.3	2 598.0
February	1 053.5	190.1	165.0	345.4	126.4	290.0	432.6	2 603.0
March	1 067.1	197.2	176.5	345.9	126.4	300.5	436.5	2 650.2
April	1 067.6	195.6	170.3	359.4	132.2	289.3	456.5	2 670.9
May	1 084.3	201.2	172.2	365.9	133.9	298.7	460.9	2 717.1
June	1 078.6	201.9	170.4	376.8	132.8	293.9	463.9	2 718.2
TREND ESTIMATES (\$ million)								
2001								
April	1 014.3	187.3	161.4	288.1	123.5	282.5	(b)456.4	2 516.8
May	1 019.2	186.8	162.9	294.8	122.1	278.8	461.1	2 527.2
June	1 022.9	185.5	164.1	300.3	120.0	275.0	464.4	2 532.3
July	1 026.8	184.6	165.2	305.4	117.5	272.7	464.2	2 536.0
August	1 031.6	184.7	166.8	311.4	115.1	272.6	459.4	2 541.2
September	1 036.9	186.0	168.9	318.3	113.6	274.1	450.3	2 548.0
October	1 042.0	188.3	171.4	325.6	113.3	276.6	439.0	2 556.2
November	1 046.7	190.7	173.6	332.5	114.4	279.9	428.9	2 566.6
December	1 051.1	192.8	174.8	338.3	117.0	283.6	423.4	2 580.8
2002								
January	1 055.5	194.2	174.7	343.2	120.6	287.1	424.7	2 600.0
February	1 060.0	195.0	173.8	347.8	124.5	290.1	431.6	2 622.5
March	1 064.8	195.8	172.5	352.7	127.9	292.3	441.1	2 646.8
April	1 070.2	197.2	171.7	358.4	130.7	294.2	450.0	2 672.3
May	1 075.3	198.8	171.0	364.2	132.9	295.7	457.8	2 697.6
June	1 079.4	200.3	170.4	370.0	134.4	296.4	464.5	2 721.5

(a) See paragraph 3 of the Explanatory Notes.

(b) Possible break in series. See paragraph 19 of the Explanatory Notes.

RETAIL TURNOVER, By Industry Group(a)—South Australia

Month	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ORIGINAL (\$ million)								
2001								
April	391.5	86.6	50.6	95.4	24.5	118.5	170.5	937.7
May	408.7	92.3	53.6	106.1	26.5	125.3	167.2	979.7
June	394.2	88.2	50.7	106.7	25.5	118.1	161.7	945.1
July	407.2	92.5	49.0	107.4	26.9	121.8	186.1	990.9
August	429.2	82.5	47.0	107.8	27.5	124.6	189.0	1 007.6
September	415.2	82.1	47.9	105.4	24.3	129.5	186.7	991.1
October	435.8	91.6	51.0	118.8	25.5	133.4	187.5	1 043.7
November	451.6	114.4	53.9	124.0	29.7	136.3	192.1	1 102.0
December	497.5	184.3	72.1	144.0	44.9	171.8	221.4	1 336.0
2002								
January	453.4	86.8	51.4	118.3	28.7	115.9	207.3	1 061.7
February	404.3	69.9	41.8	109.9	26.7	112.1	192.3	956.9
March	465.3	90.7	52.7	112.9	31.3	127.1	216.6	1 096.6
April	427.4	89.3	56.4	118.2	24.6	130.9	201.8	1 048.6
May	454.2	97.7	58.7	128.4	25.2	136.7	200.6	1 101.5
June	419.7	97.3	57.5	124.0	23.1	127.9	194.1	1 043.6
SEASONALLY ADJUSTED (\$ million)								
2001								
April	405.6	96.3	51.1	106.4	28.4	124.0	177.2	988.9
May	409.3	94.2	52.3	109.9	28.6	125.1	175.3	994.6
June	416.9	95.5	50.0	113.1	28.7	126.9	173.9	1 005.0
July	421.8	94.8	50.3	109.1	28.7	128.8	188.2	1 021.7
August	429.4	94.4	50.7	108.2	28.0	127.3	194.8	1 032.7
September	429.1	89.0	50.7	111.1	25.5	134.5	188.4	1 028.3
October	434.1	97.2	50.6	111.4	26.6	132.4	185.7	1 037.9
November	436.6	99.4	51.0	114.5	26.9	127.8	183.1	1 039.3
December	437.5	98.6	51.1	112.4	29.6	124.8	185.7	1 039.7
2002								
January	439.3	99.2	55.5	119.4	29.3	123.7	204.6	1 071.0
February	443.4	98.7	56.4	124.6	30.2	129.2	210.3	1 092.8
March	446.1	101.1	56.6	124.8	30.4	132.6	208.2	1 099.8
April	449.3	99.4	54.8	126.4	28.5	136.1	212.8	1 107.3
May	453.1	101.3	55.7	130.1	27.5	137.1	210.1	1 114.9
June	451.2	104.2	58.1	133.3	26.6	138.9	209.6	1 121.8
TREND ESTIMATES (\$ million)								
2001								
April	407.3	95.9	50.3	105.7	(b)28.0	122.5	176.9	986.2
May	411.9	95.3	50.3	108.0	28.3	125.0	178.5	997.3
June	416.8	94.6	50.3	109.7	28.3	127.2	181.3	1 008.6
July	421.7	94.0	50.3	110.4	27.9	129.1	184.0	1 017.9
August	426.3	93.9	50.2	110.5	27.4	130.2	185.8	1 024.7
September	430.4	94.5	50.3	110.6	27.1	130.3	186.8	1 030.1
October	433.5	95.6	50.8	111.5	27.2	129.5	187.8	1 035.8
November	435.9	97.0	51.7	113.4	27.7	128.2	189.8	1 043.7
December	438.2	98.2	52.8	115.9	28.5	127.4	193.5	1 054.6
2002								
January	440.7	99.1	54.0	118.9	29.3	127.6	198.7	1 068.2
February	443.4	99.7	55.0	121.9	29.6	129.1	204.2	1 082.7
March	446.1	100.1	55.8	124.9	29.3	131.6	208.4	1 096.0
April	448.7	100.8	56.3	127.6	28.8	134.3	210.9	1 107.4
May	450.9	101.6	56.8	130.0	28.2	136.8	212.4	1 117.5
June	452.6	102.4	57.1	132.1	27.4	138.9	212.9	1 126.4

(a) See paragraph 3 of the Explanatory Notes.

(b) Possible break in series. See paragraph 19 of the Explanatory Notes.

Month	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ORIGINAL (\$ million)								
2001								
April	547.4	99.9	66.1	166.0	69.0	145.4	149.1	1 243.0
May	552.6	112.0	77.6	164.4	68.4	151.9	146.0	1 272.8
June	528.7	100.9	70.6	181.4	73.5	146.0	146.3	1 247.4
July	545.3	103.6	66.8	183.8	76.0	150.0	155.5	1 281.0
August	571.5	94.5	68.7	184.5	82.4	162.2	158.0	1 321.8
September	553.0	96.4	64.3	175.9	75.5	171.8	158.6	1 295.5
October	585.5	108.4	76.5	196.7	74.0	194.7	174.8	1 410.5
November	595.9	140.1	85.3	199.5	79.5	200.4	178.0	1 478.7
December	677.4	211.8	110.5	235.8	108.9	242.9	204.4	1 791.8
2002								
January	619.6	95.7	72.8	196.9	79.7	170.1	198.3	1 433.1
February	565.4	83.3	61.9	168.1	75.3	159.2	178.9	1 292.0
March	628.6	100.3	67.7	180.2	83.5	166.4	194.7	1 421.4
April	587.2	104.2	77.8	172.0	80.8	162.9	190.2	1 375.1
May	r617.2	112.7	84.2	186.7	80.9	177.6	193.4	r1 452.7
June	578.5	105.7	77.7	187.4	77.9	165.1	181.4	1 373.6
SEASONALLY ADJUSTED (\$ million)								
2001								
April	565.5	109.4	70.3	186.3	74.7	164.6	156.9	1 327.6
May	559.4	110.7	73.1	166.7	71.7	158.7	153.7	1 294.2
June	557.0	110.7	70.7	185.9	76.2	162.3	156.5	1 319.3
July	567.6	111.7	70.1	191.7	79.6	163.2	158.5	1 342.4
August	569.6	109.1	74.7	191.7	80.8	165.6	159.8	1 351.2
September	580.9	108.4	71.9	183.4	80.3	176.6	163.1	1 364.5
October	580.9	109.0	74.8	189.1	72.5	181.3	165.9	1 373.5
November	584.1	124.4	77.3	187.3	79.2	182.2	170.9	1 405.5
December	590.2	111.2	78.5	185.0	80.6	177.5	179.6	1 402.5
2002								
January	610.1	111.5	76.6	196.0	81.5	178.2	199.0	1 452.9
February	604.3	113.1	75.9	185.7	82.6	177.6	189.2	1 428.3
March	609.9	113.5	75.4	191.1	88.5	176.8	187.8	1 443.1
April	605.5	115.2	79.6	185.0	84.8	177.2	198.9	1 446.2
May	617.1	112.8	78.4	192.6	83.8	184.2	201.0	1 470.0
June	623.4	117.4	81.3	192.8	84.5	188.0	198.1	1 485.4
TREND ESTIMATES (\$ million)								
2001								
April	554.0	110.2	73.7	177.9	73.9	158.5	(b)154.9	1 303.8
May	558.5	110.4	72.3	180.3	75.2	161.1	155.7	1 313.7
June	563.1	110.3	71.5	183.4	76.4	163.3	156.7	1 324.4
July	567.1	110.1	71.5	185.9	77.5	166.1	157.7	1 335.9
August	571.1	109.9	72.4	187.6	78.2	169.8	159.6	1 349.2
September	575.9	109.8	73.8	188.3	78.3	173.9	163.2	1 365.0
October	581.9	109.9	75.1	188.6	78.4	177.4	168.4	1 382.4
November	588.5	110.5	76.1	188.5	78.9	179.3	174.5	1 399.1
December	594.4	111.2	76.6	188.3	80.0	179.4	180.8	1 413.4
2002								
January	599.8	112.1	76.8	188.7	81.7	178.7	186.5	1 426.0
February	604.6	112.8	77.1	189.1	83.4	178.1	190.9	1 436.7
March	608.8	113.5	77.4	189.4	84.6	178.7	194.1	1 446.4
April	612.6	114.3	78.1	189.8	85.1	180.2	196.6	1 456.3
May	616.0	114.9	78.8	190.4	85.3	182.0	198.5	1 466.4
June	618.8	115.6	79.6	191.1	85.3	184.1	199.6	1 476.8

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(a) See paragraph 3 of the Explanatory Notes.

(b) Possible break in series. See paragraph 19 of the Explanatory Notes.

Month	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ORIGINAL (\$ million)								
2001								
April	123.3	np	16.7	32.4	16.6	np	42.2	281.3
May	126.7	np	16.6	33.6	16.6	np	41.4	286.0
June	123.8	np	15.3	33.9	15.6	np	39.1	276.5
July	120.7	np	13.9	31.5	16.1	np	36.6	268.9
August	128.6	np	13.9	33.5	17.1	np	36.1	279.2
September	123.0	np	13.8	32.0	16.3	np	37.9	272.0
October	124.9	np	16.1	35.0	17.6	np	39.3	290.5
November	127.2	np	19.6	37.8	19.9	np	41.9	310.7
December	141.0	np	25.6	47.1	28.4	np	45.7	378.8
2002								
January	134.0	np	17.2	35.6	20.5	np	41.9	304.3
February	121.6	np	16.2	32.2	20.3	np	38.6	277.1
March	135.6	np	17.7	35.1	20.3	np	41.9	308.5
April	126.8	np	18.3	36.6	17.8	np	38.0	294.3
May	132.5	np	20.0	38.7	18.7	np	38.3	309.9
June	124.1	np	17.8	39.8	17.4	np	35.7	290.6
SEASONALLY ADJUSTED (\$ million)								
2001								
April	126.7	np	16.4	34.7	17.9	np	42.7	292.6
May	128.4	np	16.0	33.8	17.6	np	43.0	291.7
June	129.6	np	15.7	34.5	17.5	np	42.5	293.0
July	125.8	np	14.9	33.4	18.0	np	39.9	285.3
August	127.9	np	15.7	34.3	18.8	np	39.7	289.0
September	128.4	np	15.8	33.4	18.7	np	42.0	290.1
October	124.5	np	17.5	33.9	18.5	np	40.2	293.4
November	124.6	np	17.5	35.4	19.3	np	39.8	294.5
December	126.9	np	17.6	35.7	19.3	np	38.8	296.1
2002								
January	130.2	np	18.2	37.1	19.0	np	38.8	304.6
February	128.1	np	18.7	36.8	20.0	np	39.2	301.1
March	128.2	np	18.6	37.3	20.8	np	37.3	302.9
April	132.8	np	17.7	38.1	18.9	np	38.1	307.1
May	132.2	np	19.2	39.2	19.7	np	39.0	312.4
June	133.0	np	18.8	40.3	19.9	np	40.1	314.6
TREND ESTIMATES (\$ million)								
2001								
April	127.2	np	15.3	35.2	(b)17.4	np	41.8	291.9
May	127.8	np	15.5	34.7	17.7	np	41.9	291.5
June	128.0	np	15.6	34.2	17.9	np	41.8	290.6
July	127.7	np	15.7	33.8	18.2	np	41.4	289.6
August	127.1	np	15.9	33.7	18.4	np	40.9	289.4
September	126.6	np	16.3	33.9	18.6	np	40.5	290.4
October	126.3	np	16.8	34.4	18.8	np	40.1	292.4
November	126.3	np	17.4	35.0	19.1	np	39.8	294.9
December	126.9	np	17.9	35.7	19.3	np	39.3	297.5
2002								
January	127.8	np	18.2	36.4	19.5	np	38.8	300.0
February	128.9	np	18.3	37.1	19.7	np	38.5	302.5
March	130.1	np	18.4	37.7	19.8	np	38.4	305.2
April	131.2	np	18.6	38.4	19.8	np	38.6	307.9
May	132.1	np	18.7	39.0	19.8	np	38.8	310.5
June	132.8	np	18.8	39.6	19.8	np	39.1	312.7

np not available for publication but included in totals where applicable, unless otherwise indicated

(b) Possible break in series. See paragraph 19 of the Explanatory Notes.

(a) See paragraph 3 of the Explanatory Notes.

Month	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ORIGINAL (\$ million)								
2001								
April	64.0	np	6.7	12.1	4.7	np	20.1	127.1
May	67.5	np	7.7	14.2	5.2	np	21.3	138.0
June	67.9	np	7.9	15.2	5.2	np	23.4	142.1
July	70.1	np	8.5	14.0	5.2	np	26.0	149.4
August	72.8	np	8.6	15.7	5.3	np	26.6	155.6
September	67.7	np	8.1	13.9	5.1	np	23.1	142.2
October	71.1	np	8.3	16.5	5.1	np	23.3	149.8
November	69.2	np	8.1	16.2	5.0	np	24.3	148.4
December	69.0	np	10.2	18.7	6.2	np	22.1	157.7
2002								
January	65.0	np	6.9	15.1	5.3	np	19.4	133.9
February	60.3	np	5.9	13.6	5.0	np	17.5	123.1
March	69.7	np	6.2	14.6	5.5	np	20.6	139.4
April	69.4	np	6.5	15.2	5.2	np	20.4	142.4
May	76.1	np	7.7	15.7	5.5	np	22.5	154.4
June	74.8	np	7.7	16.2	5.5	np	22.5	155.0
SEASONALLY ADJUSTED (\$ million)								
2001								
April	67.2	np	7.7	12.8	5.0	np	21.7	136.2
May	65.7	np	7.8	13.9	5.1	np	21.2	136.7
June	65.8	np	7.9	14.7	5.1	np	22.5	139.6
July	65.9	np	7.6	14.6	5.1	np	23.0	140.6
August	66.7	np	7.7	15.4	4.8	np	23.0	141.7
September	66.5	np	7.7	14.2	4.9	np	22.5	139.9
October	68.9	np	7.8	15.8	5.0	np	21.9	143.5
November	70.7	np	7.9	15.9	5.2	np	23.1	147.1
December	66.8	np	7.6	15.8	5.7	np	21.8	140.8
2002								
January	71.2	np	7.9	16.3	5.7	np	22.6	149.0
February	69.8	np	7.8	15.3	5.7	np	22.3	146.9
March	71.4	np	7.5	15.4	5.7	np	22.3	148.4
April	72.2	np	7.3	15.8	5.5	np	21.7	150.9
May	73.6	np	8.0	15.3	5.5	np	22.1	152.8
June	73.7	np	7.6	15.9	5.4	np	22.1	154.7
TREND ESTIMATES (\$ million)								
2001								
April	65.9	np	7.8	13.5	(b)5.2	np	22.2	137.4
May	(b)66.4	np	7.8	13.8	5.1	np	22.2	138.0
June	66.2	np	7.8	14.2	5.0	np	22.3	138.9
July	66.3	np	7.8	14.6	5.0	np	22.5	139.9
August	66.7	np	7.7	14.9	4.9	np	22.6	140.9
September	67.3	np	7.7	15.3	5.0	np	22.6	142.0
October	68.1	np	7.8	15.5	5.1	np	22.6	143.0
November	68.8	np	7.8	15.7	5.3	np	22.4	144.0
December	69.3	np	7.8	15.8	5.5	np	22.3	145.1
2002								
January	69.9	np	7.7	15.8	5.6	np	22.3	146.3
February	70.6	np	7.7	15.7	5.7	np	22.2	147.7
March	71.4	np	7.7	15.6	5.6	np	22.2	149.2
April	72.2	np	7.6	15.6	5.6	np	22.1	150.8
May	73.0	np	7.6	15.6	5.6	np	22.0	152.4
June	73.8	np	7.7	15.6	5.5	np	22.0	154.3

np not available for publication but included in totals where applicable, unless otherwise indicated

(a) See paragraph 3 of the Explanatory Notes.

(b) Possible break in series. See paragraph 19 of the Explanatory Notes.

Month	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ORIGINAL (\$ million)								
2001								
April	97.1	25.7	20.6	32.1	11.4	27.3	50.2	264.2
May	99.8	26.5	22.0	34.1	11.9	28.5	50.0	272.6
June	98.4	24.1	21.8	35.6	12.1	25.2	51.8	269.0
July	104.2	27.1	20.7	39.2	12.9	27.7	49.2	281.0
August	108.9	21.8	19.4	38.9	11.3	29.5	48.5	278.3
September	107.5	22.9	19.3	39.3	11.2	28.7	48.7	277.6
October	114.3	25.8	21.0	40.8	11.0	26.9	50.7	290.6
November	117.5	29.9	22.0	42.3	12.4	29.0	51.4	304.5
December	128.6	53.1	31.4	50.0	18.3	42.2	52.7	376.2
2002								
January	113.1	23.5	21.8	40.2	11.0	24.5	47.4	281.5
February	106.2	20.2	20.6	34.3	12.2	22.9	46.7	263.2
March	116.4	24.4	20.9	39.8	12.0	26.3	52.2	291.9
April	110.4	26.2	23.4	39.6	11.8	24.7	51.2	287.3
May	117.5	28.2	25.6	40.7	12.5	25.1	52.4	302.0
June	112.1	27.3	23.5	40.6	11.6	22.5	52.8	290.5
SEASONALLY ADJUSTED (\$ million)								
2001								
April	101.1	26.9	20.6	35.4	12.3	30.5	49.4	276.1
May	99.5	26.3	20.3	35.8	12.0	29.7	49.0	272.6
June	102.9	27.3	21.6	38.2	12.4	28.5	50.2	281.3
July	105.2	27.1	20.4	39.2	13.0	28.9	48.8	282.6
August	108.2	26.7	21.3	39.9	11.7	29.0	49.3	286.0
September	110.3	26.2	21.2	41.1	11.8	28.8	48.8	288.0
October	113.8	27.0	21.6	39.5	11.7	25.5	50.0	289.1
November	114.4	27.3	22.5	40.1	11.4	27.5	50.0	293.2
December	113.5	26.9	21.8	38.1	12.4	27.6	50.0	290.3
2002								
January	114.0	27.2	23.3	39.8	12.9	28.1	51.0	296.3
February	114.1	28.0	25.5	38.5	14.2	27.4	52.4	300.1
March	114.4	27.4	22.5	41.6	12.1	28.1	51.7	297.9
April	115.9	27.3	22.9	43.0	12.6	27.2	50.3	299.2
May	116.0	28.4	23.6	42.5	12.7	26.3	51.3	300.8
June	118.2	31.6	23.6	43.9	12.2	25.6	51.1	306.1
TREND ESTIMATES (\$ million)								
2001								
April	100.7	26.9	20.8	35.8	(b)12.1	29.7	48.4	275.3
May	101.8	26.9	20.9	36.8	12.2	29.7	48.9	277.6
June	103.4	26.9	20.9	37.9	12.3	29.4	49.2	280.0
July	105.5	26.8	21.0	38.9	12.2	28.9	49.4	282.5
August	108.0	26.8	21.1	39.7	12.0	28.3	49.4	285.0
September	110.4	26.8	21.3	40.0	11.9	27.8	49.4	287.5
October	112.3	26.9	21.8	39.9	11.9	27.5	49.6	289.8
November	113.5	27.0	22.3	39.5	12.1	27.4	50.1	291.8
December	114.0	27.1	22.8	39.3	12.4	27.5	50.6	293.6
2002								
January	114.3	27.3	23.2	39.5	12.7	27.6	51.0	295.4
February	114.5	27.5	23.4	40.1	12.9	27.6	51.2	297.1
March	115.0	27.6	23.5	41.0	12.9	27.4	51.3	298.8
April	115.6	27.8	23.5	42.0	12.8	27.1	51.3	300.5
May	116.3	28.1	23.5	42.8	12.6	26.7	51.2	302.2
June	117.0	28.3	23.5	43.6	12.4	26.3	51.1	304.0

(a) See paragraph 3 of the Explanatory Notes.

(b) Possible break in series. See paragraph 19 of the Explanatory Notes.

QUARTERLY TURNOVER, Chain Volume Measures(a)—by Industry Group(b)

	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ORIGINAL (\$ million)								
2000								
June	14 923.1	3 380.7	2 769.2	4 465.1	1 731.4	3 848.4	6 479.0	37 613.0
September	15 196.6	2 868.0	2 278.3	4 254.1	1 759.8	3 889.1	6 694.5	36 940.6
December	16 371.0	4 430.1	2 982.0	4 976.0	2 094.3	4 920.4	7 252.3	43 026.2
2001								
March	15 272.7	2 756.1	2 336.5	4 256.8	1 789.5	3 987.6	6 837.8	37 236.9
June	15 163.4	3 085.9	2 616.3	4 484.7	1 666.2	4 222.9	6 778.6	38 018.1
September	15 371.4	3 009.0	2 505.6	4 735.9	1 737.7	4 460.6	7 176.3	38 996.6
December	16 560.0	4 606.7	3 179.6	5 622.0	2 069.5	5 505.1	7 465.4	45 008.2
2002								
March	15 798.4	2 820.0	2 525.6	4 905.8	1 799.1	4 278.5	6 904.3	39 031.8
June	15 610.0	3 278.2	2 793.8	5 290.3	1 786.4	4 541.2	7 037.7	40 337.7
SEASONALLY ADJUSTED (\$ million)								
2000								
June	15 367.2	3 660.3	2 819.4	4 703.0	1 893.8	4 097.2	6 735.7	39 295.4
September	15 514.9	3 126.9	2 392.4	4 342.8	1 822.0	3 992.6	6 790.4	37 982.0
December	15 481.1	3 307.8	2 559.7	4 449.3	1 808.2	4 203.4	6 785.2	38 594.7
2001								
March	15 470.0	3 378.3	2 611.3	4 454.5	1 870.7	4 364.0	6 973.2	39 122.0
June	15 538.5	3 326.6	2 649.5	4 724.9	1 808.9	4 459.8	7 014.9	39 523.1
September	15 680.4	3 314.1	2 643.9	4 832.0	1 807.1	4 578.2	7 253.5	40 109.2
December	15 690.5	3 412.1	2 716.1	5 003.7	1 770.9	4 696.1	7 004.3	40 293.7
2002								
March	15 900.2	3 427.2	2 838.2	5 175.4	1 886.3	4 714.5	7 031.3	40 973.1
June	16 069.0	3 560.5	2 806.4	5 542.6	1 928.4	4 796.5	7 294.9	41 998.3
TREND ESTIMATES (\$ million)								
2000								
June	15 413.4	3 390.0	2 562.7	4 366.7	1 869.0	3 975.9	6 779.1	38 365.7
September	15 434.1	3 366.8	2 519.7	4 398.7	1 840.7	4 066.4	6 748.2	38 396.0
December	15 485.9	3 347.9	2 542.5	4 442.7	1 830.2	4 198.9	6 804.8	38 666.2
2001								
March	15 505.8	3 331.9	2 593.2	4 529.2	1 832.0	4 337.5	6 945.2	39 075.7
June	15 543.8	3 334.3	2 636.2	4 667.3	1 819.0	4 476.1	7 073.7	39 548.4
September	15 631.1	3 342.8	2 671.7	4 829.7	1 798.2	4 582.7	7 105.8	39 962.0
December	15 750.8	3 389.1	2 730.1	5 014.3	1 814.3	4 666.6	7 091.5	40 452.2
2002								
March	15 889.7	3 459.5	2 790.2	5 228.0	1 863.3	4 735.6	7 112.9	41 076.6
June	16 027.0	3 505.1	2 833.1	5 467.5	1 910.3	4 791.3	7 168.4	41 758.4

(a) Reference year for chain volume measures is 2000-01. See paragraph 20 of the Explanatory Notes.

(b) See paragraph 3 of the Explanatory Notes.

	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ORIGINAL (% change from preceding quarter)								
2000								
June	-2.0	22.8	18.9	8.0	-3.7	8.3	-4.5	3.0
September	1.8	-15.2	-17.7	-4.7	1.6	1.1	3.3	-1.8
December	7.7	54.5	30.9	17.0	19.0	26.5	8.3	16.5
2001								
March	-6.7	-37.8	-21.6	-14.5	-14.6	-19.0	-5.7	-13.5
June	-0.7	12.0	12.0	5.4	-6.9	5.9	-0.9	2.1
September	1.4	-2.5	-4.2	5.6	4.3	5.6	5.9	2.6
December	7.7	53.1	26.9	18.7	19.1	23.4	4.0	15.4
2002								
March	-4.6	-38.8	-20.6	-12.7	-13.1	-22.3	-7.5	-13.3
June	-1.2	16.2	10.6	7.8	-0.7	6.1	1.9	3.3
SEASONALLY ADJUSTED (% change from preceding quarter)								
2000								
June	-0.1	8.9	8.4	8.9	0.0	5.7	-2.2	2.6
September	1.0	-14.6	-15.1	-7.7	-3.8	-2.6	0.8	-3.3
December	-0.2	5.8	7.0	2.5	-0.8	5.3	-0.1	1.6
2001								
March	-0.1	2.1	2.0	0.1	3.5	3.8	2.8	1.4
June	0.4	-1.5	1.5	6.1	-3.3	2.2	0.6	1.0
September	0.9	-0.4	-0.2	2.3	-0.1	2.7	3.4	1.5
December	0.1	3.0	2.7	3.6	-2.0	2.6	-3.4	0.5
2002								
March	1.3	0.4	4.5	3.4	6.5	0.4	0.4	1.7
June	1.1	3.9	-1.1	7.1	2.2	1.7	3.7	2.5
TREND ESTIMATES (% change from preceding quarter)								
2000								
June	-0.6	-0.4	-2.7	1.4	-1.7	0.8	-1.1	-0.4
September	0.1	-0.7	-1.7	0.7	-1.5	2.3	-0.5	0.1
December	0.3	-0.6	0.9	1.0	-0.6	3.3	0.8	0.7
2001								
March	0.1	-0.5	2.0	1.9	0.1	3.3	2.1	1.1
June	0.2	0.1	1.7	3.0	-0.7	3.2	1.8	1.2
September	0.6	0.3	1.3	3.5	-1.1	2.4	0.5	1.0
December	0.8	1.4	2.2	3.8	0.9	1.8	-0.2	1.2
2002								
March	0.9	2.1	2.2	4.3	2.7	1.5	0.3	1.5
June	0.9	1.3	1.5	4.6	2.5	1.2	0.8	1.7

(a) Reference year for chain volume measures is 2000-01. See paragraph 20 of the Explanatory Notes.

(b) See paragraph 3 of the Explanatory Notes.

QUARTERLY TURNOVER, Chain Volume Measures(a)—by State

Quarter	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ORIGINAL (\$ million)									
2000									
June	13 074.8	8 945.5	6 872.5	2 737.5	3 853.4	805.5	417.7	774.5	37 613.0
September	13 004.6	8 535.6	7 002.1	2 681.9	3 756.2	784.2	437.0	738.9	36 940.6
December	14 930.8	10 329.4	7 990.9	3 229.4	4 277.1	949.7	431.4	887.5	43 026.2
2001									
March	12 923.0	8 926.5	6 997.8	2 726.1	3 694.0	845.0	365.5	759.0	37 236.9
June	13 172.7	9 219.1	7 059.5	2 823.5	3 711.2	834.3	402.0	796.0	38 018.1
September	13 489.8	9 389.8	7 266.4	2 937.5	3 837.1	810.3	440.5	825.2	38 996.6
December	15 488.9	11 033.7	8 175.4	3 394.2	4 560.6	963.6	445.8	946.0	45 008.2
2002									
March	13 275.9	9 511.8	7 152.8	3 018.1	4 008.6	866.4	385.7	812.4	39 031.8
June	13 755.0	9 861.4	7 402.4	3 088.1	4 073.3	867.9	438.2	851.5	40 337.7
SEASONALLY ADJUSTED (\$ million)									
2000									
June	13 625.7	9 370.9	7 197.6	2 866.8	4 050.7	841.4	425.7	801.5	39 295.4
September	13 397.7	8 832.1	7 108.6	2 767.2	3 884.6	827.8	411.0	753.1	37 982.0
December	13 414.2	9 173.9	7 245.4	2 877.2	3 827.7	852.5	408.1	795.7	38 594.7
2001									
March	13 571.4	9 402.4	7 349.1	2 871.4	3 839.7	866.8	409.1	812.2	39 122.0
June	13 648.0	9 602.0	7 347.2	2 945.0	3 886.7	866.1	407.8	820.3	39 523.1
September	13 884.4	9 710.8	7 389.3	3 025.5	3 989.2	852.6	415.0	842.4	40 109.2
December	13 889.9	9 780.1	7 398.7	3 029.6	4 060.2	866.6	420.0	848.6	40 293.7
2002									
March	13 949.3	10 023.4	7 492.8	3 156.7	4 168.7	883.9	431.0	867.4	40 973.1
June	14 286.3	10 282.3	7 716.3	3 226.1	4 261.4	905.1	444.2	876.7	41 998.3
TREND ESTIMATES (\$ million)									
2000									
June	13 316.2	9 089.8	7 102.9	2 816.5	3 941.5	835.4	416.6	757.1	38 365.7
September	13 393.2	9 044.3	7 157.2	2 831.1	3 909.6	839.2	413.3	776.0	38 396.0
December	13 477.8	9 168.6	7 249.3	2 855.8	3 861.6	852.5	409.5	793.5	38 666.2
2001									
March	13 560.9	9 380.7	7 322.6	2 894.4	3 844.6	861.8	407.7	809.7	39 075.7
June	13 686.2	9 573.3	7 359.5	2 942.9	3 890.0	862.2	409.4	824.8	39 548.4
September	13 806.0	9 697.4	7 372.7	2 998.7	3 975.2	860.3	413.6	838.2	39 962.0
December	13 909.8	9 839.6	7 426.1	3 067.5	4 070.6	868.2	421.6	852.1	40 452.2
2002									
March	14 037.6	10 025.6	7 528.5	3 140.8	4 165.2	883.8	431.6	865.1	41 076.6
June	14 174.0	10 220.3	7 653.4	3 211.8	4 247.7	897.7	441.8	875.7	41 758.4

(a) Reference year for chain volume measures is 2000-01. See paragraph 20 of the Explanatory Notes.

Quarter	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ORIGINAL (% change from preceding quarter)									
2000									
June	3.9	2.2	2.0	2.8	2.5	-1.8	12.3	12.3	3.0
September	-0.5	-4.6	1.9	-2.0	-2.5	-2.6	4.6	-4.6	-1.8
December	14.8	21.0	14.1	20.4	13.9	21.1	-1.3	20.1	16.5
2001									
March	-13.4	-13.6	-12.4	-15.6	-13.6	-11.0	-15.3	-14.5	-13.5
June	1.9	3.3	0.9	3.6	0.5	-1.3	10.0	4.9	2.1
September	2.4	1.9	2.9	4.0	3.4	-2.9	9.6	3.7	2.6
December	14.8	17.5	12.5	15.5	18.9	18.9	1.2	14.6	15.4
2002									
March	-14.3	-13.8	-12.5	-11.1	-12.1	-10.1	-13.5	-14.1	-13.3
June	3.6	3.7	3.5	2.3	1.6	0.2	13.6	4.8	3.3
SEASONALLY ADJUSTED (% change from preceding quarter)									
2000									
June	3.3	1.8	1.8	2.6	3.8	0.0	2.7	9.1	2.6
September	-1.7	-5.7	-1.2	-3.5	-4.1	-1.6	-3.5	-6.0	-3.3
December	0.1	3.9	1.9	4.0	-1.5	3.0	-0.7	5.7	1.6
2001									
March	1.2	2.5	1.4	-0.2	0.3	1.7	0.2	2.1	1.4
June	0.6	2.1	0.0	2.6	1.2	-0.1	-0.3	1.0	1.0
September	1.7	1.1	0.6	2.7	2.6	-1.6	1.8	2.7	1.5
December	0.0	0.7	0.1	0.1	1.8	1.6	1.2	0.7	0.5
2002									
March	0.4	2.5	1.3	4.2	2.7	2.0	2.6	2.2	1.7
June	2.4	2.6	3.0	2.2	2.2	2.4	3.1	1.1	2.5
TREND ESTIMATES (% change from preceding quarter)									
2000									
June	0.3	-1.8	0.1	0.1	0.3	-1.2	-0.1	2.3	-0.4
September	0.6	-0.5	0.8	0.5	-0.8	0.5	-0.8	2.5	0.1
December	0.6	1.4	1.3	0.9	-1.2	1.6	-0.9	2.2	0.7
2001									
March	0.6	2.3	1.0	1.3	-0.4	1.1	-0.4	2.1	1.1
June	0.9	2.1	0.5	1.7	1.2	0.0	0.4	1.9	1.2
September	0.9	1.3	0.2	1.9	2.2	-0.2	1.0	1.6	1.0
December	0.8	1.5	0.7	2.3	2.4	0.9	1.9	1.7	1.2
2002									
March	0.9	1.9	1.4	2.4	2.3	1.8	2.4	1.5	1.5
June	1.0	1.9	1.7	2.3	2.0	1.6	2.4	1.2	1.7

(a) Reference year for chain volume measures is 2000-01. See paragraph 20 of the Explanatory Notes.

EXPLANATORY NOTES

INTRODUCTION

1 This publication presents monthly estimates of the value of turnover of retail businesses classified by industry, and by State. The principal objective of the Retail Trade survey is to show month to month movement of retail turnover.

2 Estimates of turnover contained in this publication are based on a survey of about 6,600 retail and selected service businesses (covering 20,000 outlets). All 'large' businesses are included in the survey, while a sample of about 3,800 'smaller' businesses is selected. The 'large' business' contribution of approximately 56% of the total estimate ensures a highly reliable Australian total turnover estimate.

SCOPE AND COVERAGE

3 The Retail Trade survey covers all employing businesses, with at least one retail establishment. The scope of the survey (classified according to the Australian and New Zealand Standard Industrial Classification [ANZSIC]) is detailed below:

- Food Retailing
 - Supermarkets and grocery stores (5110) and non-petrol sales of identified convenience stores of petrol stations
 - Takeaway food retailing (5125)
 - Other food retailing
 - Fresh meat, fish and poultry retailing (5121)
 - Fruit and vegetable retailing (5122)
 - Liquor retailing (5123)
 - Bread and cake retailing (5124)
 - Specialised food retailing n.e.c. (5129)
- Department Stores (5210)
- Clothing and Soft Good Retailing
 - Clothing retailing (5221)
 - Footwear, fabric and other soft good retailing
 - Footwear retailing (5222)
 - Fabric and other soft good retailing (5223)
- Household Good Retailing
 - Furniture and floor covering retailing
 - Furniture retailing (5231)
 - Floor covering retailing (5232)
 - Domestic hardware and houseware retailing (5233)
 - Domestic appliance and recorded music retailing
 - Domestic appliance retailing (5234)
 - Recorded music retailing (5235)
- Recreational Good Retailing
 - Newspaper, book and stationery retailing (5243)
 - Other recreational goods retailing
 - Sport and camping equipment retailing (5241)
 - Toy and game retailing (5242)
 - Photographic equipment retailing (5244)
- Other Retailing
 - Pharmaceutical, cosmetic and toiletry retailing (5251)
 - Other retailing n.e.c.
 - Antique and used good retailing (5252)
 - Garden supplies retailing (5253)
 - Flower retailing (5254)
 - Watch and jewellery retailing (5255)
 - Retailing n.e.c. (5259)

EXPLANATORY NOTES *continued*

SCOPE AND COVERAGE

continued

- Hospitality and Services
 - Hotels and licensed clubs
 - Pubs, taverns and bars (5720)
 - Clubs (Hospitality) (5740)
 - Cafes and restaurants (5730)
 - Selected services
 - Video hire outlets (9511)
 - Hairdressing and beauty salons (9526).

4 The Retail Trade survey, like most ABS economic surveys, takes its frame from the ABS Business Register which is primarily based on registrations to the Australian Taxation Office's Pay As You Go Withholding (PAYGW) scheme (and prior to 1 July 2000 the Group Employer (GE) scheme). The frame is updated quarterly to take account of new businesses, businesses which have ceased employing, changes in employment levels, changes in industry and other general business changes. The estimates include an allowance for the time it takes a newly registered business to get on to the survey frame.

5 Businesses which have ceased employing are identified when the Australian Taxation Office cancels their PAYGW registration (or previously their GE registration). In addition, from July 1999, businesses which did not remit under the GE scheme for the previous five quarters were removed from the frame. A similar process will be adopted to remove businesses who do not remit under the PAYGW scheme. Updating the frame to take account of changes in employment levels and industry was introduced from the April 2000 reference month. The July 1999 and April 2000 changes resulted in a shift in the level of the Retail series. However, in both cases historic data have been revised to progressively phase in this shift of level. As a result of this process, month to month movements are not perceptibly affected.

CHANGES TO ABS BUSINESS REGISTER

6 The introduction of The New Tax System has a number of significant implications for ABS business statistics, and these are discussed in the *Information Paper: ABS Statistics And The New Tax System* (Cat. no. 1358.0). The replacement of the GE registration process by PAYGW registration resulted in a number of changes to most business survey frames. However, an adjustment has been made to the Retail Trade series so that these changes will not affect broader level estimates of level and movement.

7 From July 2002, the ABS will make further changes to business statistics including adopting a new units model and expanding the frames to include all units on the Australian Business Register, including non-employers. However, these non-employers will continue to be excluded from the scope of the Retail Trade survey. For further information see *Information Paper: Improvements in ABS Economic statistics [Arising from The New Tax System]* (Cat. no. 1372.0).

DEFINITION OF TURNOVER

8 Turnover includes retail sales; wholesale sales; takings from repairs, meals and hiring of goods (except for rent, leasing and hiring of land and buildings); and commissions from agency activity (e.g. commissions received from collecting dry cleaning, selling lottery tickets, etc.) and net takings from gaming machines etc. From July 2000, turnover includes GST.

SEASONAL ADJUSTMENT

9 Seasonally adjusted estimates are derived by estimating and removing systematic calendar related effects from the original series. In the Retail trade series, these calendar related effects are known as seasonal (e.g. increased spending in December as a result of Christmas) and trading day influences (arising from the varying length of each month and the varying number of

EXPLANATORY NOTES *continued*

SEASONAL ADJUSTMENT *continued*

Sundays, Mondays, Tuesdays, etc. in each month). Each influence is estimated by separate seasonal and trading day factors which, when combined, are referred to as the combined adjustment factors.

10 The seasonally adjusted estimates also have an allowance for an Easter proximity effect, which is caused when Easter falls late in March or early in April. This effect, when present, is combined with the seasonal and trading day factors to form the combined adjustment factors. See the Appendix of the July 2001 issue of this publication for more information.

11 The Retail series uses a concurrent seasonal adjustment methodology to derive the combined adjustment factors. This means that data from the current month are used in estimating seasonal and trading day factors for the current and previous months. Concurrent seasonal adjustment replaced the forward factor methodology from the April 2000 reference month. For more information see *Information Paper: Introduction of Concurrent Seasonal Adjustment into the Retail Trade Series* (Cat. no. 8514.0).

12 Concurrent adjustment can result in revisions each month to estimates for earlier periods. However, in most instances, the only noticeable revisions will be to the combined adjustment factors for the current month, the previous month and the same month a year ago. The following table shows how the combined adjustment factor for these months, at the total Australian Retail, hospitality and services level, evolved under the concurrent seasonal adjustment methodology. The table presents two different estimates of the combined adjustment factors. The first row gives the combined adjustment factors estimated following the last annual reanalysis in July 2001 using data up to and including the June 2001 reference month. The second row gives the most recent combined adjustment factors estimated and used in this month's calculation of the concurrent seasonally adjusted series.

COMBINED ADJUSTMENT FACTORS

	<i>Jun</i> 2001	<i>May</i> 2002	<i>Jun</i> 2002
Factors as estimated at last reanalysis (June 2001 reference month)	0.94960	0.99158	0.93588
Factors as estimated with current month's data (June 2002 reference month)	0.94903	0.99214	0.93463

13 The seasonal adjustment methodology is able to produce combined adjustment factors for future months. The latest factors for some future months are shown in the following table. While these factors represent the best current estimate, the actual factors used for estimating the seasonally adjusted estimates in these months will differ because they will incorporate subsequent months' data as it becomes available.

EXPLANATORY NOTES *continued*

SEASONAL ADJUSTMENT

continued

COMBINED ADJUSTMENT FACTORS

	Jul 2002	Aug 2002	Sep 2002
Factors as estimated with current month's data (June 2002 reference month)	0.97695	0.98382	0.95749

14 The seasonal and trading day factors are reviewed annually at a more detailed level than possible in the monthly processing cycle. The annual reanalysis will not normally result in significant changes. For Retail Trade, the results of the latest review are shown in the July issue each year.

15 In the seasonal adjustment process, both the seasonal and trading day factors evolve over time to reflect changes in spending and trading patterns. Examples of this evolution include the slow move in spending from December to January; and, increased trading activity on weekends and public holidays. The seasonally adjusted estimates still reflect the sampling and non-sampling errors to which the original estimates are subject.

16 As a result of the different treatment of Australian and State totals in the seasonal adjustment process, the Australian total for an industry group may not necessarily equal the sum of the State totals for that industry group.

TREND ESTIMATES

17 The monthly trend estimates are derived by applying a 13-term Henderson moving average to the seasonally adjusted estimates (7-term for quarterly series). The Henderson moving average is symmetric, but as the end of a time series is approached, asymmetric forms of the moving average have to be applied. The asymmetric moving averages have been tailored to suit the particular characteristics of individual series and enable trend estimates for recent periods to be produced. Estimates of the trend will be improved at the current end of the time series as additional observations become available. This improvement is due to the combined effect of the concurrent seasonal adjustment methodology and the application of different asymmetric moving averages for the most recent six months (or three quarters). As a result of the improvement, most revisions to the trend estimates will be observed for the most recent six months (or three quarters).

18 Trend estimates are used to analyse the underlying behaviour of the series over time. As a result of the introduction of The New Tax System, a break in the monthly trend series has been inserted between June 2000 and July 2000. Care should therefore be taken in comparing the series over time. For more details refer to the Appendix in the December 2000 issue of this publication.

19 For further information on trend estimates, see *Information Paper: A Guide to Interpreting Time Series — Monitoring 'Trends': an Overview* (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on Canberra 02 6252 6345.

CHAIN VOLUME MEASURES

20 The chain volume measures of retail turnover appearing in the quarterly issue of this publication are annually reweighted chain Laspeyres indexes referenced to current price values in a chosen reference year. The reference year has been advanced to 2000-2001 in this issue and will next be updated in the June publication next year. Each year's data in the Retail chain volume series are based on the prices of the previous year, except for the quarters of the latest

EXPLANATORY NOTES *continued*

CHAIN VOLUME MEASURES

continued

incomplete year. Data for the 2002-2003 financial year will initially be based upon price data for the 2000-2001 financial year. Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series.

RELIABILITY OF ESTIMATES

21 There are two types of error possible in estimates of retail turnover: *Sampling error* which occurs because a sample, rather than the entire population, is surveyed. One measure of the likely difference resulting from not including all establishments in the survey is given by the standard error, see below. Sampling error may be larger for the first month of each quarter, when some of the businesses in the sample are replaced by other businesses so that the reporting load can be spread across retailers. *Non sampling error* which arises from inaccuracies in collecting, recording and processing the data. The most significant of these errors are: misreporting of data items; deficiencies in coverage; non-response; and processing errors. Every effort is made to minimise reporting error by the careful design of questionnaires, intensive training and supervision of interviewers, and efficient data processing procedures.

STANDARD ERRORS

22 Seasonally adjusted and trend estimates and chain volume measures are also subject to sampling variability. For seasonally adjusted estimates, the standard errors are approximately the same as for the original estimates. For trend estimates, the standard errors are likely to be smaller. For chain volume measures, the standard errors may be up to 10% higher than those for the corresponding current price estimates because of the sampling variability contained in the prices data used to deflate the current price estimates.

23 Standard errors for the Australian estimates (original data) for June 2002 contained in this publication are:

DATA SERIES	ESTIMATE	STANDARD ERROR
Level of retail turnover (\$m)	13 705.7	143.9
Change from preceding month (\$m)	-712.8	35.7
% change from preceding month	-4.9	0.2

24 Estimates for sampled businesses in the first month of each quarter can be influenced by the quarterly rotation of approximately 10% of sampled businesses. This is done to spread the reporting load across retailers. At times, the businesses rotated in to the sample can perform differently to the businesses they replace or those already in the sample. The potential impact of the quarterly rotation is reflected in the sampling errors.

25 To assist users in assessing the reliability of estimates, each data series has been given a grading of A to E. Where:

- A represents a relative standard error on level of less than 2%. The published estimates are highly reliable for movement analysis;
- B represents a relative standard error on level between 2 and 5%, meaning the estimate is reliable for movement analysis purposes;

EXPLANATORY NOTES *continued*

STANDARD ERRORS *continued*

- C represents a relative standard error on level between 5 and 10%, meaning users are advised to exercise some caution in interpreting movements for such series;
- D represents a relative standard error on level between 10 and 15% meaning users are advised to exercise caution in interpreting movements for such series; and
- E represents a relative standard error on level greater than 15% (mainly affects unpublished state by industry series).

26 The table below provides an indicator of reliability for key retail turnover estimates.

	<i>Food retailing</i>	<i>Depart- ment stores</i>	<i>Clothing & soft good retailing</i>	<i>House- hold good retailing</i>	<i>Recre- ational good retailing</i>	<i>Other retailing</i>	<i>Hospit- ality & services</i>	<i>Total</i>
NSW	B	A	B	C	C	C	B	A
Vic.	B	A	C	C	C	C	B	A
Qld	B	A	B	C	C	D	C	B
SA	B	A	B	C	C	C	C	B
WA	B	A	B	C	D	D	C	B
Tas.	B	np	C	C	D	np	C	B
NT	B	np	C	C	E	np	C	B
ACT	B	A	B	C	C	D	C	B
Australia	A	A	B	B	B	B	B	A

np not available for publication but included in totals where applicable, unless otherwise indicated

ABS DATA AVAILABLE ON REQUEST

27 Retail Survey Special Data Service provides additional retail trade statistics which include further State industry dissections through to 'top ten' industry reports. For more information, contact the Retail Trade Special Data Services manager on Canberra 02 6252 5220.

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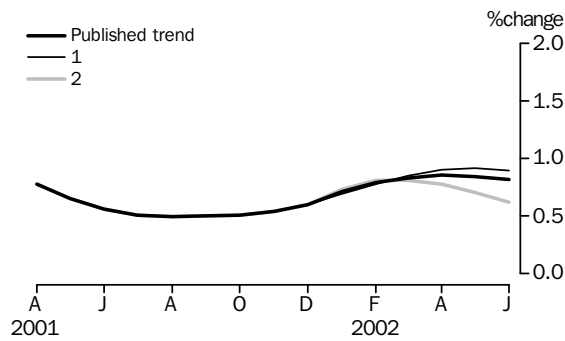
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TECHNICAL NOTE REVISIONS TO TREND ESTIMATES

EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

1 The most recent trend estimates published in this release are likely to be revised when next month's seasonally adjusted estimates become available. To assist readers of this publication in analysing retail trends, the approximate effect of the two possible scenarios on the previous trend estimates of the percentage change in total retail turnover for Australia are presented below. For more information see the trend estimates section of the explanatory notes.

- 1 The July seasonally adjusted estimate of retail turnover is 1.0% higher than the June estimate.
- 2 The July seasonally adjusted estimate of retail turnover is 1.0% lower than the June estimate.



TECHNICAL NOTE

2 Under concurrent seasonal adjustment, the most recent seasonally adjusted and trend estimates are likely to be revised when original estimates for subsequent months become available. The trend revision is a combined result of the revision of the seasonally adjusted estimates and the revision derived from the use of asymmetric moving averages as future data become available (for more information, refer to paragraph 17 in the explanatory notes). ABS research shows that about 75% of the total revision to the trend estimate at the current end of the time series is due to the use of different asymmetric moving averages when the original estimate for the next time period becomes available. To assess the reliability of the trend estimate at the current end, the "what-if" chart presents trend estimates under two different scenarios of the next time period. The chart shows only the impact due to the changes of the asymmetric moving averages and does not include the unknown impact of revision to seasonal factor estimates that would arise when the original estimate for the next time period becomes available.

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