

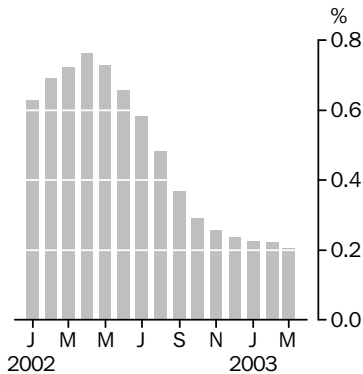


RETAIL TRADE

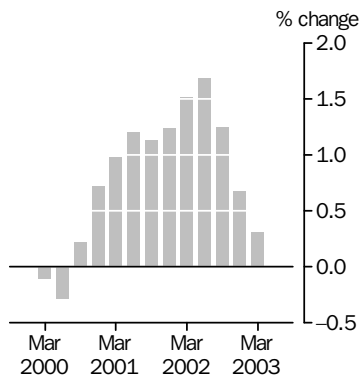
AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) TUES 6 MAY 2003

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 Canberra 02 6252 5625.

KEY FIGURES

	<i>Feb 03 to</i>	
	<i>Mar 03</i>	<i>Mar 03</i>
	<i>\$m</i>	<i>% change</i>
Turnover at current prices		
Trend estimates	14 587.5	0.2
Seasonally adjusted estimates	14 636.2	0.7
	<i>Mar Qtr 03</i>	<i>Dec Qtr 02 to Mar Qtr 03</i>
	<i>\$m</i>	<i>% change</i>
Turnover, in volume terms		
Trend estimates	41 758.7	0.3
Seasonally adjusted estimates	41 627.5	-0.2

KEY POINTS

TREND ESTIMATES

- The trend estimate of turnover for the Australian Retail and Hospitality/Services series increased by 0.2% in March 2003 compared with February 2003. This follows increases of 0.2% in February 2003 and 0.2% in January 2003.
- The trend estimate increased in all states except for Queensland and Western Australia which were flat. The largest increase was in the Australian Capital Territory.
- Over the three months to March 2003 the trend estimate rose by \$95m. Food retailing (+\$55m), Hospitality and services (+\$31m), Other retailing (+\$22m) and Department stores (+\$15m) showed increases while the other industries decreased.

SEASONALLY ADJUSTED

- The seasonally adjusted estimate of turnover for the Australian Retail and Hospitality/Services series increased by 0.7% in March 2003 compared with February 2003. This follows increases of 0.4% in February 2003 and 0.2% in January 2003.
- The estimate of total turnover for March 2003 was 6.0% higher than March 2002.

ORIGINAL ESTIMATES

- In original terms, Australian turnover increased by 10.2% in March 2003 compared with February 2003. Chains and other large retailers (which are completely enumerated) increased by 12.7%, while 'smaller' retailers (the sampled units) increased by 7.0%.
- Australian turnover increased by 4.4% in March 2003 compared with March 2002. Chains and other large retailers increased by 5.2%, while 'smaller' retailers increased by 3.4%.

VOLUME MEASURES

- The trend volume measure of turnover rose by 0.3% in the March quarter 2003 after an increase of 0.7% in the December quarter 2002. In seasonally adjusted terms, the volume measure fell by 0.2% in March quarter 2003.

NOTES

FORTHCOMING ISSUES

<i>ISSUE</i>	<i>RELEASE DATE</i>
April 2003	30 May 2003
May 2003	2 July 2003
June 2003	31 July 2003
July 2003	2 September 2003
August 2003	30 September 2003
September 2003	3 November 2003

CHANGES IN THIS ISSUE

Quarterly chain volume data are shown in tables 14 and 15 of this issue.

SAMPLING ERRORS

Standard errors for the Australian estimates (original data) for March 2003 contained in this publication are:

<i>Data Series</i>	<i>Estimate</i>	<i>Standard error</i>
Level of retail turnover (\$m)	14 154.1	130.4
Change from preceding month (\$m)	1 311.3	38.3
% change from preceding month (%)	10.2	0.3

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 rotation is done to spread the reporting load across retailers. At times, the businesses rotated in to the sample can perform differently from the businesses they replace or those already in the sample. The potential impact of the quarterly rotation is reflected in the sampling errors for the relevant months.

For more information see the Explanatory Notes, paragraphs 30–33, or contact Graham Phillips on 02 6252 5625.

ABBREVIATIONS

ABN	Australian Business Number
ABS	Australian Bureau of Statistics
ANZSIC	Australian and New Zealand Standard Industrial Classification
ATO	Australian Taxation Office
n.e.c.	not elsewhere classified
PAYGW	pay-as-you-go withholding
TAU	type of activity unit

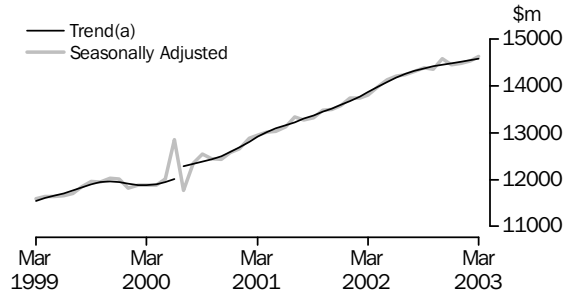
Dennis Trewin
Australian Statistician

INDUSTRY TRENDS

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

TOTAL RETAIL

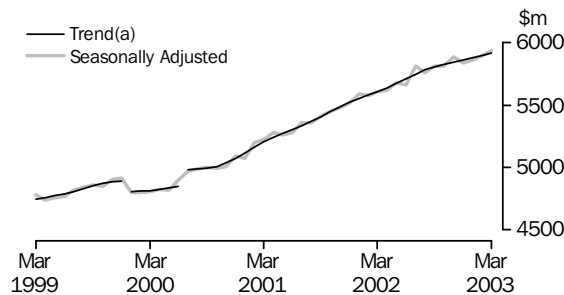
The trend growth rate has been slowing since April 2002, with weak growth in each of the last six months. Department stores had weak trend growth in March 2003 after seven months of moderate to strong growth. The Household good retailing and the Recreational good retailing industries have been in decline for at least seven months.



(a) Break in trend series from July 2000

FOOD RETAILING

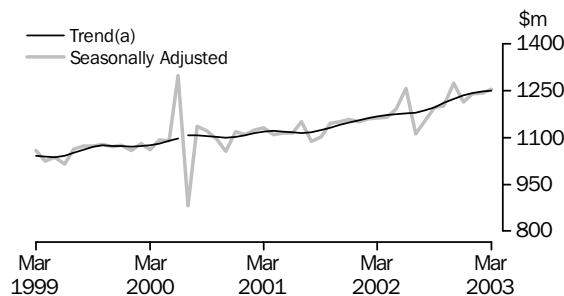
There has been weak trend growth in each of the last six months. In March 2003 Tasmania and the Australian Capital Territory were in decline while all the other states and the Northern Territory had weak growth.



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

DEPARTMENT STORES

After four months of strong trend growth, there was moderate growth in January and February 2003, and weak growth in March 2003. New South Wales, Victoria and the Australian Capital Territory had weak trend growth in March 2003, South Australia had no growth and Western Australia was in decline.



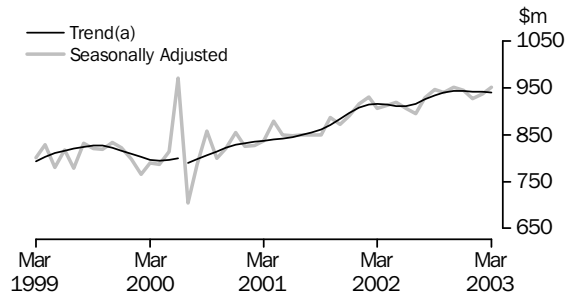
(a) Break in trend series from July 2000

INDUSTRY TRENDS *continued*

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

**CLOTHING AND SOFT
GOOD RETAILING**

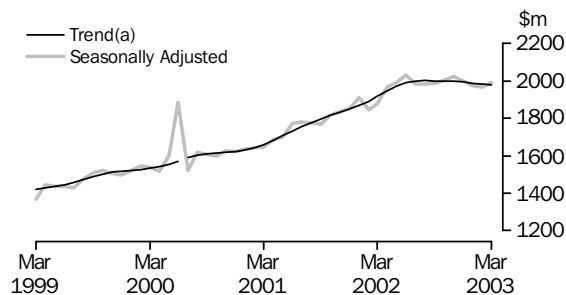
The rate of trend growth has been slowing since September 2002 and in the last three months the trend has been in decline. In March 2003, Queensland and South Australia continued their strong growth while Victoria and Western Australia remained in decline. New South Wales has had weak growth for the last four months.



(a) Break in trend series from July 2000

**HOUSEHOLD GOOD
RETAILING**

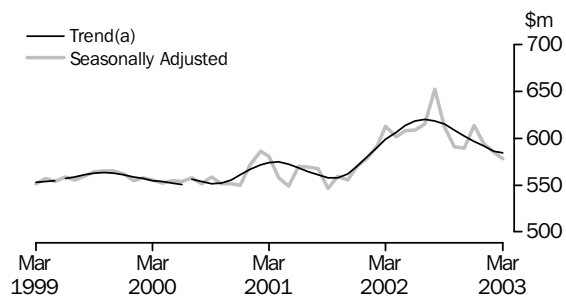
The trend has been in decline for the last seven months. The Australian Capital Territory has had strong trend growth in each of these months, and Tasmania and the Northern Territory have had strong growth over the last three months. New South Wales, Queensland and South Australia have been in decline for at least the last three months.



(a) Break in trend series from July 2000

**RECREATIONAL GOOD
RETAILING**

The trend has been in decline for the last eight months. South Australia and the Australian Capital Territory have had strong growth for at least the last five months. Western Australia has had moderate growth over this period, while the other states and the Northern Territory have been in decline.



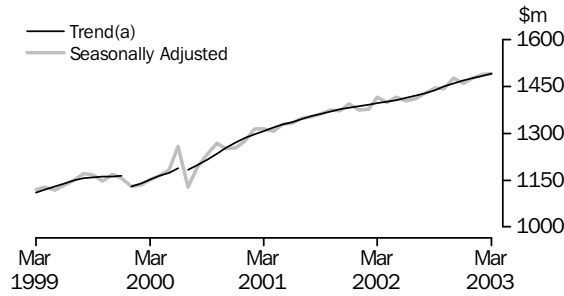
(a) Break in trend series from June 1999 and July 2000

INDUSTRY TRENDS *continued*

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

OTHER RETAILING

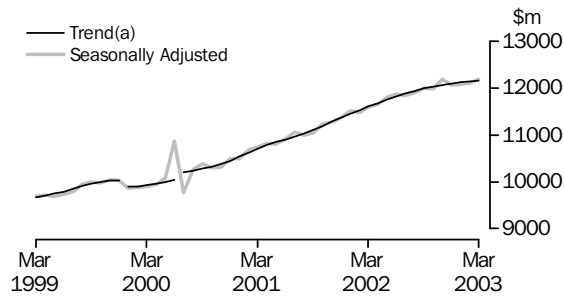
Trend growth has been mostly moderate over the last twelve months. Over the last six months Queensland and Victoria have had moderate to strong growth, while South Australia, Western Australia and the Australian Capital Territory have been in decline. New South Wales registered weak growth in March 2003 after the trend had been in decline in the previous three months.



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

TOTAL RETAIL (EXCLUDING HOSPITALITY AND SERVICES)

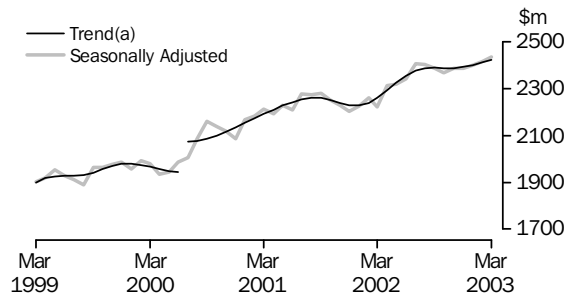
The rate of trend growth for Total retail (excluding Hospitality and services) and Total industries (including Hospitality and services) has been similar for at least the last seven months.



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

HOSPITALITY AND SERVICES

There has been moderate trend growth over the last three months. In March 2003 trend growth was strong in Victoria, South Australia and the Australian Capital Territory, but the trend was in decline in Western Australia and Tasmania.



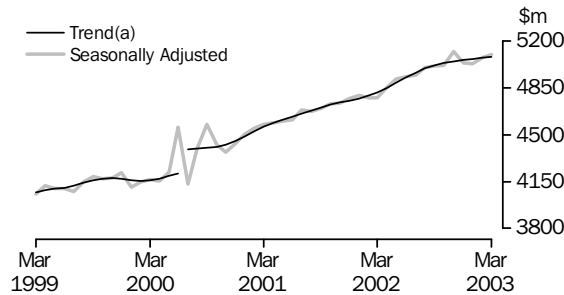
(a) Break in trend series from July 2000

STATE TRENDS

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

NEW SOUTH WALES

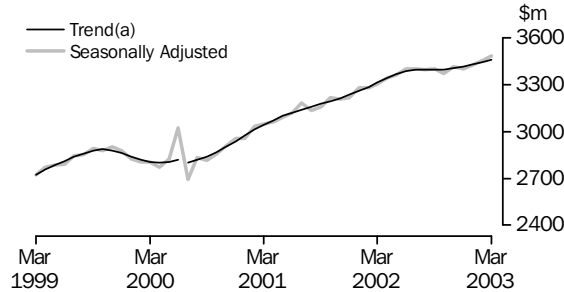
Trend growth has been weak for the last six months. Food retailing and Department stores have had weak to moderate trend growth over at least the last four months while Household good retailing has been in decline for these four months. The Recreational good retailing industry has been in decline for each of the last nine months.



(a) Break in trend series from July 2000

VICTORIA

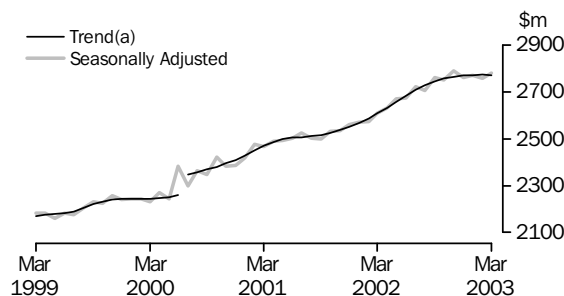
Trend growth has been moderate in each of the last four months. The trend for the Clothing and soft good retailing and Recreational good retailing industries has been in decline in the last six months, while Other retailing had strong growth over the last five months. In March 2003, Department stores had weak trend growth after a period of moderate to strong growth.



(a) Break in trend series from July 2000

QUEENSLAND

The trend growth rate has been falling since June 2002, with no growth in March 2003 and weak growth in the previous four months. Household good retailing and Recreational good retailing have been in decline in the last seven months, while Clothing and soft good retailing has had strong growth in each of these months.



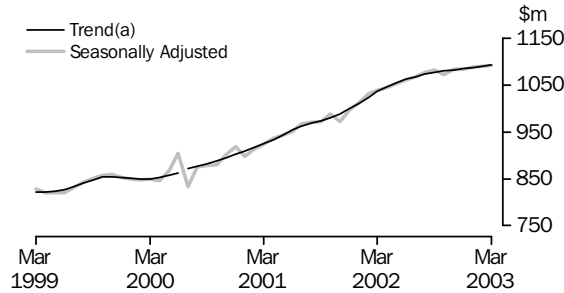
(a) Break in trend series from July 2000

STATE TRENDS *continued*

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

SOUTH AUSTRALIA

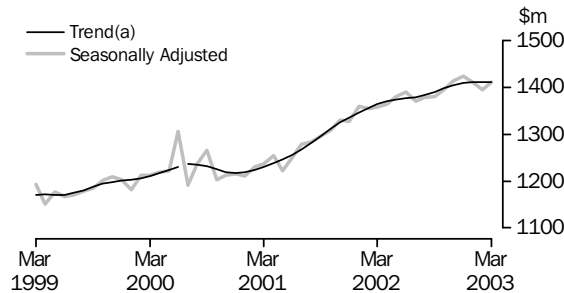
There has been weak trend growth in each of the last seven months. There has been strong growth in Clothing and soft good retailing and Recreational good retailing over this period, while Other retailing has been in decline.



(a) Break in trend series from July 2000

WESTERN AUSTRALIA

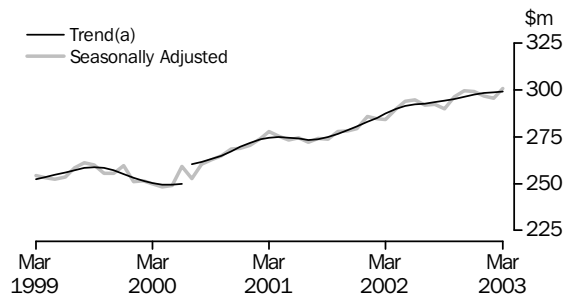
The trend growth in February and March 2003 was flat after two months of weak growth. The trend growth rate for Food retailing and Department stores has been falling since September 2002. The trend for the Clothing and soft good retailing, Other retailing and Hospitality and services industries has been in decline for at least the last four months.



(a) Break in trend series from July 2000

TASMANIA

The trend growth has been weak over the last four months. While the Clothing and soft good retailing and Household good retailing industries had strong trend growth in March 2003, Food retailing and Hospitality and services were in decline.



(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)								
2002								
January	5 737.4	1 011.3	895.5	1 895.3	576.2	1 276.5	2 226.1	13 618.3
February	5 150.4	824.6	730.0	1 643.8	530.7	1 202.6	2 066.0	12 148.2
March	5 761.1	1 021.8	831.6	1 777.3	589.2	1 307.4	2 265.6	13 553.9
April	5 408.1	1 053.6	890.9	1 816.0	560.8	1 311.7	2 231.8	13 273.0
May	5 693.4	1 164.1	963.1	1 937.4	579.8	1 410.2	2 283.0	14 031.0
June	5 356.5	1 120.7	869.7	1 964.6	546.8	1 285.7	2 210.5	13 354.3
July	5 636.6	1 053.4	868.3	1 947.2	591.4	1 352.1	2 381.3	13 830.3
August	5 793.5	1 042.8	862.7	1 965.3	641.3	1 399.0	2 440.4	14 144.9
September	5 557.1	1 038.1	887.0	1 915.7	585.9	1 389.6	2 353.0	13 726.4
October	5 963.7	1 187.7	952.7	2 047.6	579.8	1 474.2	2 390.8	14 596.4
November	5 965.8	1 470.3	1 003.9	2 128.8	616.9	1 567.7	2 438.4	15 191.8
December	6 580.9	2 302.3	1 357.9	2 574.0	883.0	2 103.9	2 711.4	18 513.5
2003								
January	6 094.9	1 079.3	910.0	1 977.4	593.5	1 379.5	2 459.2	14 493.9
February	5 449.8	882.1	732.7	1 747.0	526.2	1 298.6	2 206.4	12 842.8
March	5 926.7	1 071.2	876.0	1 898.1	554.2	1 383.3	2 444.6	14 154.1
SEASONALLY ADJUSTED (\$ million)								
2002								
January	5 586.1	1 151.2	916.6	1 910.9	578.8	1 374.5	2 226.2	13 744.4
February	5 576.5	1 161.2	931.3	1 846.7	592.1	1 378.2	2 262.3	13 748.3
March	5 610.1	1 162.0	907.3	1 879.4	613.2	1 415.6	2 221.0	13 808.4
April	5 619.7	1 165.5	912.3	1 968.0	601.6	1 398.4	2 313.0	13 978.5
May	5 682.1	1 191.0	918.9	1 990.1	608.0	1 416.9	2 320.7	14 127.7
June	5 664.7	1 258.6	906.1	2 029.0	609.0	1 404.7	2 341.4	14 213.7
July	5 814.6	1 110.8	895.8	1 982.6	615.3	1 411.9	2 408.7	14 239.8
August	5 756.5	1 153.3	929.3	1 983.9	652.9	1 428.1	2 404.6	14 308.5
September	5 813.7	1 197.9	946.2	1 986.0	612.3	1 446.3	2 387.0	14 389.4
October	5 811.3	1 201.8	940.6	2 003.5	590.7	1 443.1	2 368.0	14 359.0
November	5 884.8	1 274.5	952.2	2 022.0	589.5	1 476.1	2 388.9	14 588.1
December	5 836.7	1 214.2	945.7	1 998.6	613.5	1 459.3	2 386.6	14 454.7
2003								
January	5 863.6	1 241.6	928.1	1 974.7	594.1	1 476.8	2 402.1	14 481.0
February	5 901.3	1 242.2	936.7	1 964.8	585.5	1 488.1	2 415.7	14 534.4
March	5 933.8	1 254.4	952.0	1 990.9	578.2	1 491.3	2 435.6	14 636.2
TREND ESTIMATES (\$ million)								
2002								
January	5 554.2	1 156.8	907.9	1 867.9	580.4	1 386.6	2 227.3	13 680.5
February	5 582.5	1 163.1	914.4	1 891.8	590.4	1 392.0	2 238.8	13 774.9
March	5 609.8	1 167.7	915.7	1 919.1	598.9	1 397.2	2 261.5	13 874.6
April	5 640.0	1 172.1	913.8	1 947.5	606.6	1 402.3	2 292.6	13 980.7
May	5 672.9	1 174.5	911.6	1 972.3	613.5	1 407.2	2 325.8	14 082.7
June	5 709.3	1 176.4	911.6	1 990.0	618.1	1 412.8	2 355.3	14 175.3
July	5 746.9	1 179.9	916.6	1 999.7	619.8	1 419.9	2 376.7	14 257.8
August	5 781.1	1 187.0	925.3	2 002.7	618.6	1 428.5	2 388.2	14 326.7
September	5 807.9	1 197.7	934.0	2 000.8	615.0	1 439.1	2 390.7	14 379.4
October	5 827.9	1 211.0	940.2	1 998.5	609.2	1 450.3	2 388.8	14 421.2
November	5 844.3	1 224.5	943.2	1 996.8	602.3	1 460.5	2 388.9	14 458.5
December	5 860.7	1 235.5	943.2	1 993.8	596.3	1 469.3	2 393.4	14 492.8
2003								
January	5 879.2	1 243.0	942.3	1 988.8	591.4	1 477.4	2 402.1	14 525.3
February	5 899.2	1 248.6	941.6	1 983.5	586.4	1 484.9	2 412.5	14 557.5
March	5 915.7	1 250.7	941.2	1 978.8	584.2	1 491.6	2 424.6	14 587.5

(a) See paragraph 5 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)								
2002								
January	-8.2	-54.8	-30.3	-20.2	-28.9	-35.9	-11.5	-22.0
February	-10.2	-18.5	-18.5	-13.3	-7.9	-5.8	-7.2	-10.8
March	11.9	23.9	13.9	8.1	11.0	8.7	9.7	11.6
April	-6.1	3.1	7.1	2.2	-4.8	0.3	-1.5	-2.1
May	5.3	10.5	8.1	6.7	3.4	7.5	2.3	5.7
June	-5.9	-3.7	-9.7	1.4	-5.7	-8.8	-3.2	-4.8
July	5.2	-6.0	-0.2	-0.9	8.2	5.2	7.7	3.6
August	2.8	-1.0	-0.6	0.9	8.4	3.5	2.5	2.3
September	-4.1	-0.4	2.8	-2.5	-8.6	-0.7	-3.6	-3.0
October	7.3	14.4	7.4	6.9	-1.0	6.1	1.6	6.3
November	0.0	23.8	5.4	4.0	6.4	6.3	2.0	4.1
December	10.3	56.6	35.3	20.9	43.1	34.2	11.2	21.9
2003								
January	-7.4	-53.1	-33.0	-23.2	-32.8	-34.4	-9.3	-21.7
February	-10.6	-18.3	-19.5	-11.7	-11.3	-5.9	-10.3	-11.4
March	8.8	21.4	19.6	8.6	5.3	6.5	10.8	10.2
SEASONALLY ADJUSTED (% change from preceding month)								
2002								
January	1.3	-0.5	3.0	3.3	1.6	-1.5	1.0	1.2
February	-0.2	0.9	1.6	-3.4	2.3	0.3	1.6	0.0
March	0.6	0.1	-2.6	1.8	3.6	2.7	-1.8	0.4
April	0.2	0.3	0.6	4.7	-1.9	-1.2	4.1	1.2
May	1.1	2.2	0.7	1.1	1.1	1.3	0.3	1.1
June	-0.3	5.7	-1.4	2.0	0.2	-0.9	0.9	0.6
July	2.6	-11.7	-1.1	-2.3	1.0	0.5	2.9	0.2
August	-1.0	3.8	3.7	0.1	6.1	1.1	-0.2	0.5
September	1.0	3.9	1.8	0.1	-6.2	1.3	-0.7	0.6
October	0.0	0.3	-0.6	0.9	-3.5	-0.2	-0.8	-0.2
November	1.3	6.0	1.2	0.9	-0.2	2.3	0.9	1.6
December	-0.8	-4.7	-0.7	-1.2	4.1	-1.1	-0.1	-0.9
2003								
January	0.5	2.3	-1.9	-1.2	-3.2	1.2	0.7	0.2
February	0.6	0.0	0.9	-0.5	-1.5	0.8	0.6	0.4
March	0.6	1.0	1.6	1.3	-1.3	0.2	0.8	0.7
TREND ESTIMATES (% change from preceding month)								
2002								
January	0.6	0.6	1.2	1.0	1.9	0.4	0.0	0.6
February	0.5	0.6	0.7	1.3	1.7	0.4	0.5	0.7
March	0.5	0.4	0.1	1.4	1.4	0.4	1.0	0.7
April	0.5	0.4	-0.2	1.5	1.3	0.4	1.4	0.8
May	0.6	0.2	-0.2	1.3	1.1	0.4	1.4	0.7
June	0.6	0.2	0.0	0.9	0.7	0.4	1.3	0.7
July	0.7	0.3	0.5	0.5	0.3	0.5	0.9	0.6
August	0.6	0.6	0.9	0.1	-0.2	0.6	0.5	0.5
September	0.5	0.9	0.9	-0.1	-0.6	0.7	0.1	0.4
October	0.3	1.1	0.7	-0.1	-0.9	0.8	-0.1	0.3
November	0.3	1.1	0.3	-0.1	-1.1	0.7	0.0	0.3
December	0.3	0.9	0.0	-0.2	-1.0	0.6	0.2	0.2
2003								
January	0.3	0.6	-0.1	-0.2	-0.8	0.5	0.4	0.2
February	0.3	0.5	-0.1	-0.3	-0.9	0.5	0.4	0.2
March	0.3	0.2	0.0	-0.2	-0.4	0.4	0.5	0.2

(a) See paragraph 5 of the Explanatory Notes.

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

Month	FOOD RETAILING				CLOTHING & SOFT GOOD RETAILING				HOUSEHOLD GOOD RETAILING			
	Supermarkets & grocery stores	Take-away food retailing	Other food retailing	Total	Department stores	Clothing retailing	Footwear, fabric & other soft good retailing	Total	Furniture & floor covering retailing	Domestic hardware & house-ware retailing	Domestic appliance & recorded music retailing	Total
\$ MILLION												
2002												
March	4 212.2	571.6	977.3	5 761.1	1 021.8	583.3	248.3	831.6	403.0	566.8	807.5	1 777.3
April	3 908.3	574.9	924.9	5 408.1	1 053.6	619.7	271.2	890.9	432.8	545.2	838.0	1 816.0
May	4 157.1	574.6	961.8	5 693.4	1 164.1	666.2	296.9	963.1	436.2	530.8	970.3	1 937.4
June	3 895.5	558.5	902.4	5 356.5	1 120.7	601.2	268.5	869.7	450.9	512.9	1 000.8	1 964.6
July	4 069.5	592.3	974.7	5 636.6	1 053.4	594.8	273.5	868.3	469.4	528.2	949.6	1 947.2
August	4 241.6	577.6	974.2	5 793.5	1 042.8	600.9	261.8	862.7	457.9	566.6	940.8	1 965.3
September	4 006.6	573.3	977.2	5 557.1	1 038.1	616.1	270.9	887.0	447.2	590.5	878.0	1 915.7
October	4 338.3	609.2	1 016.1	5 963.7	1 187.7	667.3	285.4	952.7	486.3	635.8	925.5	2 047.6
November	4 335.0	595.2	1 035.7	5 965.8	1 470.3	713.6	290.3	1 003.9	496.7	667.6	964.5	2 128.8
December	4 652.8	642.2	1 285.8	6 580.9	2 302.3	997.0	360.9	1 357.9	502.3	737.4	1 334.2	2 574.0
2003												
January	4 469.4	629.1	996.4	6 094.9	1 079.3	629.0	281.0	910.0	458.8	600.0	918.6	1 977.4
February	4 025.1	528.1	896.5	5 449.8	882.1	514.9	217.8	732.7	416.2	534.0	796.8	1 747.0
March	4 380.8	583.3	962.6	5 926.7	1 071.2	624.2	251.8	876.0	457.4	597.6	843.1	1 898.1
% CHANGE FROM PRECEDING MONTH												
2002												
March	12.2	12.1	10.5	11.9	23.9	18.3	4.8	13.9	6.8	10.6	7.1	8.1
April	-7.2	0.6	-5.4	-6.1	3.1	6.2	9.2	7.1	7.4	-3.8	3.8	2.2
May	6.4	-0.1	4.0	5.3	10.5	7.5	9.5	8.1	0.8	-2.6	15.8	6.7
June	-6.3	-2.8	-6.2	-5.9	-3.7	-9.8	-9.6	-9.7	3.4	-3.4	3.1	1.4
July	4.5	6.0	8.0	5.2	-6.0	-1.1	1.9	-0.2	4.1	3.0	-5.1	-0.9
August	4.2	-2.5	-0.1	2.8	-1.0	1.0	-4.3	-0.6	-2.5	7.3	-0.9	0.9
September	-5.5	-0.7	0.3	-4.1	-0.4	2.5	3.5	2.8	-2.3	4.2	-6.7	-2.5
October	8.3	6.3	4.0	7.3	14.4	8.3	5.4	7.4	8.7	7.7	5.4	6.9
November	-0.1	-2.3	1.9	0.0	23.8	6.9	1.7	5.4	2.1	5.0	4.2	4.0
December	7.3	7.9	24.2	10.3	56.6	39.7	24.3	35.3	1.1	10.4	38.3	20.9
2003												
January	-3.9	-2.0	-22.5	-7.4	-53.1	-36.9	-22.1	-33.0	-8.7	-18.6	-31.2	-23.2
February	-9.9	-16.0	-10.0	-10.6	-18.3	-18.1	-22.5	-19.5	-9.3	-11.0	-13.3	-11.7
March	8.8	10.4	7.4	8.8	21.4	21.2	15.6	19.6	9.9	11.9	5.8	8.6
% CHANGE FROM CORRESPONDING MONTH OF PREVIOUS YEAR												
2002												
March	7.1	0.3	13.7	7.4	2.6	7.9	-1.1	5.1	5.8	19.1	9.5	11.5
April	4.4	6.5	10.3	5.6	3.8	4.6	14.0	7.3	15.2	17.0	22.4	19.0
May	7.8	8.4	15.7	9.1	5.9	5.3	16.2	8.5	11.6	12.9	24.6	18.2
June	4.5	5.6	10.9	5.6	11.7	1.7	10.7	4.3	5.3	9.1	19.4	13.1
July	7.3	7.9	18.9	9.2	-2.7	6.1	6.3	6.2	10.2	12.0	13.0	12.0
August	6.4	5.1	15.9	7.8	10.7	12.0	8.8	11.0	11.9	10.9	11.5	11.4
September	4.1	5.7	16.7	6.3	4.7	9.5	9.7	9.6	15.5	14.2	10.7	12.9
October	7.7	7.5	10.8	8.2	7.0	9.5	1.3	6.9	13.7	6.1	11.9	10.4
November	6.3	7.5	8.7	6.8	11.3	12.3	3.7	9.7	13.4	12.2	5.4	9.3
December	5.1	6.9	5.6	5.4	3.0	7.3	1.4	5.7	12.7	5.7	8.3	8.4
2003												
January	7.5	5.0	1.7	6.2	6.7	5.0	-5.2	1.6	3.0	4.5	4.9	4.3
February	7.2	3.6	1.3	5.8	7.0	4.4	-8.0	0.4	10.3	4.2	5.7	6.3
March	4.0	2.0	-1.5	2.9	4.8	7.0	1.4	5.3	13.5	5.4	4.4	6.8

(a) See paragraph 5 of Explanatory Notes.

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

Month	RECREATIONAL GOOD RETAILING			OTHER RETAILING			HOSPITALITY & SERVICES			Total	Total all industries
	News-paper, book & stationery retailing	Other recreational goods retailing	Total	Pharmaceutical, cosmetic & toiletry retailing	Other retailing n.e.c.	Total	Hotels & licensed clubs	Cafes & restaurants	Selected services		
\$ MILLION											
2002											
March	384.3	204.9	589.2	542.1	765.3	1 307.4	1 286.7	779.2	199.8	2 265.6	13 553.9
April	369.7	191.1	560.8	579.6	732.2	1 311.7	1 264.8	761.8	205.2	2 231.8	13 273.0
May	385.6	194.2	579.8	621.1	789.1	1 410.2	1 285.6	780.6	216.8	2 283.0	14 031.0
June	356.1	190.7	546.8	576.1	709.6	1 285.7	1 254.1	744.1	212.3	2 210.5	13 354.3
July	395.2	196.3	591.4	634.6	717.5	1 352.1	1 358.8	800.8	221.6	2 381.3	13 830.3
August	433.1	208.2	641.3	628.0	770.9	1 399.0	1 374.5	839.8	226.2	2 440.4	14 144.9
September	386.0	199.8	585.9	611.6	778.1	1 389.6	1 344.4	792.7	215.8	2 353.0	13 726.4
October	371.6	208.2	579.8	610.5	863.7	1 474.2	1 338.9	811.0	240.8	2 390.8	14 596.4
November	370.4	246.5	616.9	617.7	950.0	1 567.7	1 361.9	838.6	237.9	2 438.4	15 191.8
December	483.1	400.0	883.0	736.2	1 367.7	2 103.9	1 505.2	936.3	269.9	2 711.4	18 513.5
2003											
January	380.9	212.5	593.5	598.2	781.3	1 379.5	1 373.1	841.5	244.6	2 459.2	14 493.9
February	352.1	174.1	526.2	557.8	740.8	1 298.6	1 230.2	766.6	209.6	2 206.4	12 842.8
March	366.6	187.6	554.2	609.3	774.0	1 383.3	1 366.0	850.7	227.9	2 444.6	14 154.1
% CHANGE FROM PRECEDING MONTH											
2002											
March	7.5	18.3	11.0	7.7	9.5	8.7	9.9	10.1	6.2	9.7	11.6
April	-3.8	-6.7	-4.8	6.9	-4.3	0.3	-1.7	-2.2	2.7	-1.5	-2.1
May	4.3	1.6	3.4	7.2	7.8	7.5	1.6	2.5	5.7	2.3	5.7
June	-7.7	-1.8	-5.7	-7.2	-10.1	-8.8	-2.4	-4.7	-2.1	-3.2	-4.8
July	11.0	2.9	8.2	10.1	1.1	5.2	8.3	7.6	4.4	7.7	3.6
August	9.6	6.1	8.4	-1.0	7.4	3.5	1.2	4.9	2.1	2.5	2.3
September	-10.9	-4.0	-8.6	-2.6	0.9	-0.7	-2.2	-5.6	-4.6	-3.6	-3.0
October	-3.7	4.2	-1.0	-0.2	11.0	6.1	-0.4	2.3	11.6	1.6	6.3
November	-0.3	18.4	6.4	1.2	10.0	6.3	1.7	3.4	-1.2	2.0	4.1
December	30.4	62.3	43.1	19.2	44.0	34.2	10.5	11.6	13.4	11.2	21.9
2003											
January	-21.1	-46.9	-32.8	-18.7	-42.9	-34.4	-8.8	-10.1	-9.4	-9.3	-21.7
February	-7.6	-18.1	-11.3	-6.8	-5.2	-5.9	-10.4	-8.9	-14.3	-10.3	-11.4
March	4.1	7.8	5.3	9.2	4.5	6.5	11.0	11.0	8.7	10.8	10.2
% CHANGE FROM CORRESPONDING MONTH OF PREVIOUS YEAR											
2002											
March	3.5	3.2	3.4	4.4	7.2	6.0	5.1	-6.8	2.4	0.5	5.9
April	17.9	-1.8	10.4	11.0	4.6	7.4	9.0	-3.5	11.9	4.6	7.4
May	16.4	2.7	11.4	8.9	6.7	7.6	10.6	-3.0	19.3	6.3	9.4
June	8.8	-2.7	4.5	5.3	3.6	4.3	6.2	-1.6	16.1	4.3	6.7
July	13.8	1.7	9.5	9.4	1.9	5.3	8.2	-1.0	19.1	5.8	7.4
August	19.9	6.7	15.3	3.9	5.5	4.8	6.8	1.0	21.6	5.9	8.3
September	19.0	1.9	12.6	8.2	5.5	6.7	5.3	1.6	17.0	5.0	7.3
October	6.4	6.3	6.4	3.1	7.4	5.6	4.8	1.2	25.9	5.3	7.5
November	3.3	7.0	4.8	2.8	7.7	5.7	6.1	3.8	20.8	6.6	7.5
December	11.0	6.7	9.0	4.8	6.2	5.7	6.3	6.9	20.7	7.8	6.1
2003											
January	3.4	2.3	3.0	13.9	4.0	8.1	8.8	11.2	17.8	10.5	6.4
February	-1.5	0.5	-0.9	10.8	6.0	8.0	5.1	8.3	11.4	6.8	5.7
March	-4.6	-8.4	-5.9	12.4	1.1	5.8	6.2	9.2	14.1	7.9	4.4

(a) See paragraph 5 of Explanatory Notes.

RETAIL TURNOVER, By State

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
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ORIGINAL (\$ million)

2002									
January	4 745.6	3 212.7	2 604.6	1 003.2	1 354.4	286.2	131.2	280.4	13 618.3
February	4 226.5	2 897.3	2 261.8	903.0	1 216.4	260.6	120.4	262.1	12 148.2
March	4 669.3	3 258.4	2 533.7	1 034.4	1 340.9	289.6	136.7	290.9	13 553.9
April	4 632.9	3 182.9	2 468.7	989.4	1 296.7	277.6	139.0	285.8	13 273.0
May	4 907.7	3 332.6	2 632.5	1 043.3	1 371.3	293.0	150.6	300.0	14 031.0
June	4 614.7	3 195.2	2 542.5	988.1	1 298.2	275.8	151.0	288.7	13 354.3
July	4 807.5	3 303.3	2 660.9	1 031.6	1 307.5	272.2	161.7	285.6	13 830.3
August	4 938.2	3 328.4	2 705.4	1 067.4	1 361.2	281.0	164.9	298.4	14 144.9
September	4 820.0	3 219.2	2 667.5	1 029.2	1 282.2	269.6	152.1	286.6	13 726.4
October	5 082.3	3 407.1	2 813.5	1 093.4	1 442.0	297.9	153.2	306.9	14 596.4
November	5 298.1	3 582.2	2 882.5	1 151.9	1 490.7	313.1	150.7	322.7	15 191.8
December	6 468.0	4 435.2	3 467.6	1 385.9	1 823.0	387.9	162.7	383.1	18 513.5
2003									
January	5 036.9	3 407.3	2 829.6	1 085.2	1 412.3	299.5	135.2	288.0	14 493.9
February	4 487.8	3 053.1	2 425.3	955.2	1 251.2	270.6	125.3	274.4	12 842.8
March	4 928.0	3 390.8	2 657.3	1 061.8	1 372.9	296.8	139.9	306.6	14 154.1

SEASONALLY ADJUSTED (\$ million)

2002									
January	4 791.0	3 281.4	2 571.2	1 013.4	1 359.0	285.9	145.7	296.7	13 744.4
February	4 779.3	3 281.7	2 573.6	1 032.3	1 354.9	284.7	144.1	297.7	13 748.3
March	4 774.2	3 306.1	2 607.9	1 038.2	1 357.8	284.2	144.8	295.3	13 808.4
April	4 854.3	3 345.7	2 632.2	1 046.0	1 364.8	290.0	147.6	297.8	13 978.5
May	4 917.4	3 361.5	2 672.3	1 053.4	1 381.2	294.0	149.0	298.9	14 127.7
June	4 935.2	3 404.8	2 675.0	1 061.6	1 390.3	294.6	149.4	302.9	14 213.7
July	4 946.1	3 402.5	2 722.4	1 068.3	1 371.1	291.9	150.4	287.2	14 239.8
August	5 004.0	3 396.6	2 707.0	1 077.3	1 379.4	292.5	149.0	302.8	14 308.5
September	5 016.3	3 404.6	2 761.8	1 082.3	1 380.5	290.1	150.3	303.5	14 389.4
October	5 019.6	3 374.6	2 751.0	1 071.9	1 395.5	296.4	146.8	303.1	14 359.0
November	5 121.6	3 419.6	2 792.1	1 084.5	1 414.7	299.8	148.1	307.8	14 588.1
December	5 039.6	3 400.0	2 760.5	1 084.3	1 423.6	299.3	147.8	299.6	14 454.7
2003									
January	5 030.2	3 426.6	2 773.0	1 089.1	1 411.2	296.8	149.6	304.5	14 481.0
February	5 075.1	3 456.1	2 760.0	1 091.5	1 394.6	295.7	150.0	311.4	14 534.4
March	5 101.5	3 484.7	2 780.3	1 092.8	1 411.9	301.0	150.5	313.4	14 636.2

TREND ESTIMATES (\$ million)

2002									
January	4 771.8	3 260.5	2 568.3	1 011.9	1 346.6	282.9	143.8	294.8	13 680.5
February	4 791.8	3 287.8	2 588.0	1 024.9	1 356.0	285.2	144.9	296.3	13 774.9
March	4 817.9	3 315.5	2 609.7	1 036.8	1 364.0	287.6	146.0	297.2	13 874.6
April	4 851.3	3 343.6	2 633.9	1 047.2	1 370.2	289.8	147.3	297.5	13 980.7
May	4 888.2	3 367.9	2 659.2	1 055.7	1 374.3	291.3	148.5	297.5	14 082.7
June	4 926.7	3 385.4	2 684.5	1 062.6	1 376.9	292.2	149.3	297.8	14 175.3
July	4 964.5	3 395.8	2 708.4	1 068.6	1 379.5	292.8	149.6	298.6	14 257.8
August	4 997.0	3 399.5	2 729.6	1 073.6	1 384.2	293.5	149.4	299.8	14 326.7
September	5 021.7	3 398.6	2 746.9	1 077.4	1 390.5	294.3	148.9	301.1	14 379.4
October	5 038.9	3 399.1	2 759.1	1 080.2	1 397.7	295.4	148.5	302.5	14 421.2
November	5 051.3	3 405.0	2 766.4	1 082.6	1 404.4	296.6	148.4	303.9	14 458.5
December	5 060.0	3 417.0	2 770.1	1 085.1	1 409.1	297.6	148.6	305.4	14 492.8
2003									
January	5 067.3	3 432.3	2 772.4	1 087.9	1 411.2	298.3	149.0	307.0	14 525.3
February	5 074.6	3 448.3	2 774.3	1 090.5	1 411.8	298.7	149.5	308.6	14 557.5
March	5 082.6	3 463.3	2 773.0	1 093.2	1 411.7	299.1	150.1	310.7	14 587.5

RETAIL TURNOVER PERCENTAGE CHANGE, By State

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
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ORIGINAL (% change from preceding month)

2002

January	-22.7	-23.8	-19.5	-21.2	-20.6	-20.3	-15.0	-25.3	-22.0
February	-10.9	-9.8	-13.2	-10.0	-10.2	-8.9	-8.2	-6.5	-10.8
March	10.5	12.5	12.0	14.6	10.2	11.1	13.6	11.0	11.6
April	-0.8	-2.3	-2.6	-4.3	-3.3	-4.1	1.6	-1.7	-2.1
May	5.9	4.7	6.6	5.5	5.8	5.5	8.3	5.0	5.7
June	-6.0	-4.1	-3.4	-5.3	-5.3	-5.9	0.3	-3.8	-4.8
July	4.2	3.4	4.7	4.4	0.7	-1.3	7.1	-1.1	3.6
August	2.7	0.8	1.7	3.5	4.1	3.2	2.0	4.5	2.3
September	-2.4	-3.3	-1.4	-3.6	-5.8	-4.1	-7.8	-4.0	-3.0
October	5.4	5.8	5.5	6.2	12.5	10.5	0.7	7.1	6.3
November	4.2	5.1	2.5	5.3	3.4	5.1	-1.6	5.1	4.1
December	22.1	23.8	20.3	20.3	22.3	23.9	8.0	18.7	21.9

2003

January	-22.1	-23.2	-18.4	-21.7	-22.5	-22.8	-16.9	-24.8	-21.7
February	-10.9	-10.4	-14.3	-12.0	-11.4	-9.6	-7.3	-4.7	-11.4
March	9.8	11.1	9.6	11.2	9.7	9.7	11.6	11.7	10.2

SEASONALLY ADJUSTED (% change from preceding month)

2002

January	0.4	2.0	0.4	1.6	2.4	2.3	4.2	2.3	1.2
February	-0.2	0.0	0.1	1.9	-0.3	-0.4	-1.1	0.3	0.0
March	-0.1	0.7	1.3	0.6	0.2	-0.2	0.5	-0.8	0.4
April	1.7	1.2	0.9	0.7	0.5	2.1	2.0	0.9	1.2
May	1.3	0.5	1.5	0.7	1.2	1.4	0.9	0.4	1.1
June	0.4	1.3	0.1	0.8	0.7	0.2	0.3	1.3	0.6
July	0.2	-0.1	1.8	0.6	-1.4	-0.9	0.7	-5.2	0.2
August	1.2	-0.2	-0.6	0.8	0.6	0.2	-0.9	5.4	0.5
September	0.2	0.2	2.0	0.5	0.1	-0.8	0.9	0.2	0.6
October	0.1	-0.9	-0.4	-1.0	1.1	2.2	-2.3	-0.1	-0.2
November	2.0	1.3	1.5	1.2	1.4	1.1	0.8	1.5	1.6
December	-1.6	-0.6	-1.1	0.0	0.6	-0.2	-0.2	-2.6	-0.9

2003

January	-0.2	0.8	0.5	0.4	-0.9	-0.9	1.2	1.6	0.2
February	0.9	0.9	-0.5	0.2	-1.2	-0.4	0.3	2.3	0.4
March	0.5	0.8	0.7	0.1	1.2	1.8	0.3	0.7	0.7

TREND ESTIMATES (% change from preceding month)

2002

January	0.3	0.8	0.7	1.3	0.8	0.8	0.8	0.6	0.6
February	0.4	0.8	0.8	1.3	0.7	0.8	0.8	0.5	0.7
March	0.5	0.8	0.8	1.2	0.6	0.9	0.8	0.3	0.7
April	0.7	0.8	0.9	1.0	0.5	0.7	0.8	0.1	0.8
May	0.8	0.7	1.0	0.8	0.3	0.5	0.8	0.0	0.7
June	0.8	0.5	0.9	0.7	0.2	0.3	0.6	0.1	0.7
July	0.8	0.3	0.9	0.6	0.2	0.2	0.2	0.3	0.6
August	0.7	0.1	0.8	0.5	0.3	0.2	-0.1	0.4	0.5
September	0.5	0.0	0.6	0.4	0.5	0.3	-0.3	0.4	0.4
October	0.3	0.0	0.4	0.3	0.5	0.4	-0.3	0.4	0.3
November	0.2	0.2	0.3	0.2	0.5	0.4	-0.1	0.5	0.3
December	0.2	0.4	0.1	0.2	0.3	0.3	0.1	0.5	0.2

2003

January	0.1	0.4	0.1	0.3	0.1	0.2	0.3	0.5	0.2
February	0.1	0.5	0.1	0.2	0.0	0.2	0.3	0.5	0.2
March	0.2	0.4	0.0	0.2	0.0	0.1	0.3	0.7	0.2

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)								
2002								
January	1 930.5	351.7	333.3	559.5	187.7	443.2	939.6	4 745.6
February	1 713.7	290.9	272.1	472.0	180.9	420.1	876.9	4 226.5
March	1 893.5	350.5	304.5	517.1	207.0	456.3	940.4	4 669.3
April	1 795.4	364.4	303.1	545.7	197.3	466.1	960.8	4 632.9
May	1 868.8	420.1	339.3	587.1	200.0	499.5	993.0	4 907.7
June	1 767.6	381.1	290.5	585.4	188.3	447.4	954.4	4 614.7
July	1 862.0	361.2	297.0	626.1	202.9	476.3	982.0	4 807.5
August	1 908.7	367.2	292.7	630.7	223.5	499.8	1 015.7	4 938.2
September	1 849.5	364.5	304.0	611.7	197.2	504.2	989.1	4 820.0
October	1 980.8	417.2	329.1	647.2	186.6	513.6	1 007.8	5 082.3
November	1 971.9	507.9	345.1	685.1	210.8	564.0	1 013.3	5 298.1
December	2 196.9	801.2	483.1	830.0	283.5	758.4	1 114.8	6 468.0
2003								
January	2 022.5	369.8	319.4	629.2	189.5	472.8	1 033.7	5 036.9
February	1 807.1	301.2	251.4	559.4	176.2	461.6	930.9	4 487.8
March	1 964.5	365.2	297.4	606.4	193.4	477.1	1 024.1	4 928.0
SEASONALLY ADJUSTED (\$ million)								
2002								
January	1 876.6	400.9	339.3	564.4	196.9	480.4	932.5	4 791.0
February	1 853.2	411.7	347.8	531.8	200.2	477.6	957.1	4 779.3
March	1 857.0	406.2	323.8	544.5	207.8	498.6	936.2	4 774.2
April	1 849.5	402.6	318.4	598.8	205.3	494.3	985.5	4 854.3
May	1 882.3	418.2	319.8	596.9	209.5	494.3	996.3	4 917.4
June	1 864.1	442.8	313.0	597.4	209.5	497.6	1 010.7	4 935.2
July	1 928.5	380.7	313.1	631.3	206.3	501.7	984.6	4 946.1
August	1 901.8	406.2	319.6	634.5	220.5	520.6	1 000.8	5 004.0
September	1 923.4	417.2	322.7	636.6	202.5	518.4	995.4	5 016.3
October	1 925.5	420.2	322.6	641.6	196.0	511.9	1 001.8	5 019.6
November	1 947.8	445.9	329.7	657.3	205.1	531.8	1 004.0	5 121.6
December	1 937.3	414.9	323.3	638.0	203.1	516.0	1 007.0	5 039.6
2003								
January	1 953.8	424.4	322.7	628.2	194.9	502.0	1 004.2	5 030.2
February	1 957.1	426.7	321.4	633.2	194.3	524.6	1 017.7	5 075.1
March	1 973.4	434.9	330.1	640.9	189.5	518.9	1 013.8	5 101.5
TREND ESTIMATES (\$ million)								
2002								
January	1 849.8	405.8	329.3	548.5	199.1	489.9	952.2	4 771.8
February	1 856.2	407.7	331.3	554.6	201.6	490.2	951.9	4 791.8
March	1 860.5	408.8	329.3	564.3	204.1	490.8	960.1	4 817.9
April	1 865.9	409.6	324.7	577.5	206.8	492.8	972.7	4 851.3
May	1 873.9	409.9	319.5	592.8	209.1	496.2	985.2	4 888.2
June	1 885.1	410.3	316.1	608.6	210.1	501.0	994.4	4 926.7
July	1 898.4	411.8	315.9	622.9	209.9	506.9	998.9	4 964.5
August	1 911.5	414.4	318.2	633.6	208.6	512.3	999.9	4 997.0
September	1 922.0	417.8	321.0	639.9	206.7	516.3	999.8	5 021.7
October	1 930.4	421.2	323.0	642.7	204.3	518.5	1 000.4	5 038.9
November	1 937.7	424.4	324.3	642.5	201.6	518.6	1 003.1	5 051.3
December	1 945.0	426.7	324.7	640.4	199.0	517.8	1 006.4	5 060.0
2003								
January	1 952.7	428.1	324.9	638.4	196.5	517.1	1 009.3	5 067.3
February	1 960.2	429.1	325.2	636.7	194.1	516.8	1 011.8	5 074.6
March	1 965.6	429.7	325.5	635.3	192.7	517.1	1 014.3	5 082.6

(a) See paragraph 5 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)								
2002								
January	1 385.9	247.9	209.5	505.3	140.1	288.6	435.3	3 212.7
February	1 255.9	203.0	180.3	444.1	121.7	272.5	419.8	2 897.3
March	1 406.9	261.2	213.3	484.9	135.0	288.8	468.4	3 258.4
April	1 310.9	273.3	250.3	495.2	126.4	296.0	430.9	3 182.9
May	1 384.8	287.1	257.9	512.4	138.7	322.2	429.6	3 332.6
June	1 301.6	295.2	233.0	534.3	126.7	284.3	420.0	3 195.2
July	1 377.2	261.0	233.4	502.4	145.1	304.7	479.5	3 303.3
August	1 412.8	246.4	230.6	496.2	154.6	319.8	468.1	3 328.4
September	1 365.1	247.3	236.2	478.3	138.1	318.1	436.0	3 219.2
October	1 460.6	285.3	252.2	514.0	141.3	334.5	419.2	3 407.1
November	1 483.9	364.2	265.6	536.2	147.2	350.6	434.4	3 582.2
December	1 625.2	580.8	341.3	674.6	230.2	483.2	500.0	4 435.2
2003								
January	1 506.9	264.7	209.2	502.8	139.0	310.9	473.7	3 407.3
February	1 355.4	219.5	190.8	446.1	120.9	306.1	414.2	3 053.1
March	1 465.0	272.5	240.0	486.3	124.5	333.6	469.0	3 390.8
SEASONALLY ADJUSTED (\$ million)								
2002								
January	1 358.4	285.4	226.9	506.1	134.9	323.4	446.2	3 281.4
February	1 354.2	286.7	228.0	501.7	139.3	315.9	455.9	3 281.7
March	1 373.0	289.7	226.2	513.7	146.7	309.9	446.8	3 306.1
April	1 379.3	294.7	239.9	534.4	139.5	314.5	443.4	3 345.7
May	1 390.1	298.5	245.3	523.1	147.7	325.7	431.1	3 361.5
June	1 390.1	319.5	239.9	548.8	141.3	316.3	448.9	3 404.8
July	1 410.2	276.9	244.0	518.2	152.9	322.1	478.3	3 402.5
August	1 402.9	284.0	255.3	514.0	158.5	324.4	457.5	3 396.6
September	1 428.7	288.9	257.6	505.3	144.5	331.1	448.5	3 404.6
October	1 438.2	293.2	251.3	505.0	146.7	320.3	419.9	3 374.6
November	1 445.2	321.8	250.3	500.3	141.1	328.5	432.2	3 419.6
December	1 428.9	298.8	238.7	514.5	147.2	326.6	445.3	3 400.0
2003								
January	1 440.9	308.8	225.9	501.3	133.0	348.3	468.3	3 426.6
February	1 458.4	309.2	241.5	504.5	139.4	353.4	449.7	3 456.1
March	1 455.9	310.8	244.2	522.1	135.6	357.5	458.6	3 484.7
TREND ESTIMATES (\$ million)								
2002								
January	1 351.0	286.6	223.9	504.5	135.4	311.9	447.4	3 260.5
February	1 360.2	289.1	227.9	510.2	138.0	314.8	447.0	3 287.8
March	1 369.5	291.8	232.0	517.6	140.8	316.5	446.1	3 315.5
April	1 378.5	294.2	236.2	524.8	143.6	317.6	447.1	3 343.6
May	1 386.9	295.0	240.6	529.2	146.4	318.8	449.8	3 367.9
June	1 395.8	294.4	244.9	528.6	148.3	320.5	452.3	3 385.4
July	1 405.4	293.4	249.2	524.0	149.6	322.1	452.4	3 395.8
August	1 414.9	293.3	252.0	517.3	150.0	323.2	450.0	3 399.5
September	1 423.5	294.8	252.1	510.4	149.1	324.1	446.1	3 398.6
October	1 430.9	298.0	249.8	505.9	146.9	326.2	442.5	3 399.1
November	1 436.8	302.2	246.2	504.6	144.1	330.2	441.5	3 405.0
December	1 441.7	306.0	242.2	505.6	141.3	335.8	444.3	3 417.0
2003								
January	1 446.2	308.7	239.2	507.5	139.1	342.2	449.3	3 432.3
February	1 450.5	310.6	237.3	509.6	137.2	348.7	454.4	3 448.3
March	1 453.3	311.4	236.5	512.2	136.3	354.4	459.1	3 463.3

(a) See paragraph 5 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)								
2002								
January	1 080.9	178.0	179.3	395.3	120.8	246.2	404.0	2 604.6
February	963.4	134.8	128.5	343.6	105.9	228.1	357.5	2 261.8
March	1 090.9	167.4	145.6	364.4	113.6	252.2	399.6	2 533.7
April	1 026.2	168.1	151.1	363.8	114.1	244.0	401.4	2 468.7
May	1 089.1	188.3	165.4	394.3	116.1	262.5	416.9	2 632.5
June	1 022.9	183.9	157.5	403.2	113.2	252.3	409.5	2 542.5
July	1 077.7	181.3	160.5	417.7	109.9	252.9	460.8	2 660.9
August	1 095.1	183.0	162.8	422.2	122.5	246.8	472.9	2 705.4
September	1 048.5	186.3	177.2	424.5	124.0	245.5	461.3	2 667.5
October	1 110.9	204.3	184.4	424.3	120.4	299.0	470.2	2 813.5
November	1 090.4	247.9	191.2	434.1	121.3	307.7	489.9	2 882.5
December	1 184.4	384.9	260.4	512.1	168.7	419.4	537.7	3 467.6
2003								
January	1 141.8	188.5	200.9	398.1	121.4	304.7	474.1	2 829.6
February	1 002.3	149.7	141.8	346.9	98.8	257.9	427.8	2 425.3
March	1 096.1	175.5	162.0	373.6	102.2	282.2	465.5	2 657.3
SEASONALLY ADJUSTED (\$ million)								
2002								
January	1 047.1	193.8	171.0	384.3	116.0	256.4	402.6	2 571.2
February	1 047.3	190.1	165.5	383.0	120.3	266.4	400.9	2 573.6
March	1 060.3	195.3	169.9	381.7	120.7	274.1	405.9	2 607.9
April	1 060.1	195.2	165.4	398.3	125.5	263.1	424.6	2 632.2
May	1 074.1	201.2	168.6	407.8	126.7	265.5	428.4	2 672.3
June	1 071.9	201.5	168.0	419.4	125.0	265.9	423.4	2 675.0
July	1 093.9	190.1	162.5	420.4	117.6	264.7	473.2	2 722.4
August	1 085.2	200.2	171.9	421.0	124.6	245.6	458.4	2 707.0
September	1 081.8	201.3	172.3	443.2	130.2	266.4	466.6	2 761.8
October	1 090.2	203.3	174.3	421.5	118.0	287.2	456.5	2 751.0
November	1 096.6	217.9	183.2	414.3	118.7	290.3	471.1	2 792.1
December	1 083.5	206.4	183.0	406.5	118.7	296.0	466.3	2 760.5
2003								
January	1 090.1	208.2	186.7	383.4	115.1	324.0	465.6	2 773.0
February	1 088.8	211.0	184.4	386.3	110.7	300.3	478.5	2 760.0
March	1 094.5	214.4	194.8	384.6	107.1	304.2	480.8	2 780.3
TREND ESTIMATES (\$ million)								
2002								
January	1 047.7	194.4	170.0	380.0	115.6	264.7	395.9	2 568.3
February	1 052.2	195.2	169.3	385.5	119.0	266.5	400.3	2 588.0
March	1 057.6	195.6	168.2	391.0	121.7	267.2	408.4	2 609.7
April	1 064.2	196.0	167.1	397.9	123.5	266.2	418.9	2 633.9
May	1 071.0	196.5	166.5	406.5	124.5	263.8	430.3	2 659.2
June	1 077.5	197.2	166.6	415.6	124.7	261.6	441.3	2 684.5
July	1 082.7	198.3	167.7	423.3	124.4	260.7	451.2	2 708.4
August	1 086.4	200.0	169.8	427.7	123.9	263.1	458.7	2 729.6
September	1 088.4	202.4	172.7	427.4	123.0	269.9	463.2	2 746.9
October	1 089.1	205.1	176.2	422.2	121.7	279.6	465.3	2 759.1
November	1 089.2	207.7	179.7	413.7	119.7	290.0	466.5	2 766.4
December	1 089.5	209.7	183.0	404.1	117.1	298.8	468.2	2 770.1
2003								
January	1 090.1	210.9	185.9	395.0	114.2	305.1	471.0	2 772.4
February	1 090.8	211.8	188.5	387.2	111.5	309.5	474.4	2 774.3
March	1 091.5	212.6	190.8	380.4	109.1	311.0	477.2	2 773.0

(a) See paragraph 5 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)								
2002								
January	440.0	86.8	48.9	128.0	28.2	100.8	170.6	1 003.2
February	392.6	69.9	39.9	119.0	26.1	97.5	158.2	903.0
March	452.2	90.7	50.2	122.3	30.6	110.4	177.9	1 034.4
April	414.0	89.3	53.8	128.9	24.2	113.6	165.7	989.4
May	440.9	97.7	56.0	140.8	24.7	118.6	164.7	1 043.3
June	406.9	97.3	54.9	136.3	22.7	110.9	159.2	988.1
July	438.1	91.8	53.2	131.8	28.3	113.3	175.2	1 031.6
August	458.9	88.7	50.9	128.4	31.4	122.9	186.3	1 067.4
September	429.7	87.0	51.9	127.9	30.0	119.7	183.1	1 029.2
October	463.4	97.8	59.0	140.7	32.5	118.1	181.9	1 093.4
November	464.6	125.9	64.2	149.6	33.2	127.0	187.4	1 151.9
December	517.5	190.7	84.6	177.4	51.2	151.9	212.6	1 385.9
2003								
January	466.1	91.6	59.6	133.4	34.1	108.1	192.4	1 085.2
February	419.2	73.8	47.4	114.5	31.5	102.2	166.6	955.2
March	454.1	94.5	59.2	124.4	36.0	108.4	185.2	1 061.8
SEASONALLY ADJUSTED (\$ million)								
2002								
January	426.4	98.8	52.0	130.8	28.6	108.9	168.0	1 013.4
February	429.7	98.5	53.5	136.5	29.6	111.7	172.7	1 032.3
March	433.6	100.5	53.7	134.1	29.9	115.5	170.9	1 038.2
April	436.8	97.9	52.3	137.5	28.4	118.6	174.6	1 046.0
May	440.7	100.4	53.4	142.1	27.4	117.8	171.7	1 053.4
June	436.4	108.0	55.2	141.9	26.1	120.2	173.7	1 061.6
July	455.7	92.4	54.0	136.2	29.8	117.6	182.5	1 068.3
August	449.2	99.1	55.3	128.4	32.8	125.2	187.3	1 077.3
September	452.6	99.9	56.1	134.1	31.6	122.7	185.3	1 082.3
October	450.1	102.3	58.0	133.9	32.8	117.4	177.5	1 071.9
November	450.8	105.9	59.6	138.6	31.9	118.2	179.5	1 084.5
December	457.3	105.2	61.6	136.9	33.1	112.4	177.9	1 084.3
2003								
January	450.3	105.3	62.6	133.7	34.4	116.2	186.7	1 089.1
February	458.5	104.1	63.8	131.1	35.1	117.1	181.8	1 091.5
March	453.5	105.0	61.5	134.6	35.7	115.1	187.4	1 092.8
TREND ESTIMATES (\$ million)								
2002								
January	428.0	98.9	51.2	129.6	28.7	111.9	163.6	1 011.9
February	430.4	99.3	52.2	133.4	28.9	112.8	167.7	1 024.9
March	433.1	99.3	53.0	136.6	28.7	114.4	171.0	1 036.8
April	436.5	99.4	53.5	138.6	28.3	116.5	173.6	1 047.2
May	440.2	99.4	53.8	139.0	28.3	118.5	175.9	1 055.7
June	443.9	99.6	54.1	137.9	28.7	120.1	178.1	1 062.6
July	447.3	99.9	54.6	136.4	29.5	121.1	180.2	1 068.6
August	449.7	100.6	55.4	135.1	30.5	121.1	181.7	1 073.6
September	451.4	101.6	56.7	134.5	31.6	120.4	182.2	1 077.4
October	452.3	102.7	58.1	134.4	32.4	119.1	181.8	1 080.2
November	452.9	103.7	59.6	134.8	33.0	117.6	181.3	1 082.6
December	453.3	104.5	61.0	135.1	33.5	116.4	181.3	1 085.1
2003								
January	454.1	105.0	62.0	134.8	34.1	115.6	182.2	1 087.9
February	454.8	105.4	62.8	134.3	34.7	115.0	183.4	1 090.5
March	455.2	105.4	63.3	133.6	35.4	114.9	184.8	1 093.2

(a) See paragraph 5 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)								
2002								
January	599.8	95.7	83.5	202.6	65.7	129.9	177.2	1 354.4
February	547.4	83.3	71.0	172.8	61.8	121.0	159.2	1 216.4
March	608.0	100.3	78.2	185.3	68.7	126.6	173.8	1 340.9
April	566.7	104.2	89.7	177.4	66.6	120.3	171.7	1 296.7
May	596.5	112.7	97.0	193.3	66.5	131.7	173.6	1 371.3
June	558.8	105.7	89.9	194.1	63.9	122.2	163.6	1 298.2
July	579.3	104.4	82.5	168.1	71.1	128.4	173.7	1 307.5
August	604.1	104.8	83.8	179.1	73.8	130.9	184.7	1 361.2
September	568.0	100.3	78.4	170.3	64.6	124.2	176.3	1 282.2
October	630.1	122.3	86.9	206.5	67.2	131.1	197.8	1 442.0
November	641.3	149.1	91.5	207.1	70.0	134.5	197.1	1 490.7
December	719.2	231.1	127.3	240.9	100.0	182.8	221.7	1 823.0
2003								
January	648.1	109.9	82.3	201.1	77.1	114.2	179.7	1 412.3
February	580.8	90.4	66.3	175.5	65.5	106.9	165.7	1 251.2
March	638.6	106.5	75.1	189.2	63.9	112.2	187.3	1 372.9

SEASONALLY ADJUSTED (\$ million)

2002								
January	585.2	110.0	87.8	197.1	65.2	134.4	179.3	1 359.0
February	586.5	113.0	88.7	192.9	67.9	134.4	171.5	1 354.9
March	585.5	113.6	87.7	197.3	73.3	133.6	166.7	1 357.8
April	587.1	114.4	91.3	192.2	69.7	132.1	178.0	1 364.8
May	595.0	112.5	89.6	197.3	68.5	137.7	180.6	1 381.2
June	597.9	118.6	91.8	197.8	68.8	138.1	177.4	1 390.3
July	604.1	110.8	87.5	177.8	70.9	137.0	183.0	1 371.1
August	601.5	115.8	89.1	183.7	73.2	132.7	183.5	1 379.4
September	608.2	120.0	89.3	181.7	69.2	128.5	183.5	1 380.5
October	616.1	122.0	85.6	193.4	70.4	123.2	184.8	1 395.5
November	627.8	129.8	83.1	194.7	67.4	123.1	188.7	1 414.7
December	627.7	124.5	88.4	190.8	72.6	130.0	189.6	1 423.6
2003								
January	625.2	127.0	86.0	198.2	74.8	119.9	180.1	1 411.2
February	622.5	122.4	83.1	196.3	72.1	119.0	179.3	1 394.6
March	634.0	123.6	84.7	196.9	70.0	119.0	183.8	1 411.9

TREND ESTIMATES (\$ million)

2002								
January	(b) 581.5	111.6	88.6	194.6	67.3	135.8	(b) 169.7	1 346.6
February	584.6	112.3	89.0	195.3	68.4	134.7	172.4	1 356.0
March	587.6	112.8	89.4	195.7	69.3	134.5	174.4	1 364.0
April	590.6	113.3	89.7	194.9	69.9	135.2	176.2	1 370.2
May	593.5	113.6	90.0	192.6	70.2	136.0	177.8	1 374.3
June	596.7	114.2	90.0	189.7	70.4	135.9	179.6	1 376.9
July	600.9	115.5	89.4	187.2	70.3	134.6	181.7	1 379.5
August	606.1	117.6	88.6	185.9	70.2	132.4	183.7	1 384.2
September	611.5	120.3	87.6	186.3	70.3	129.7	185.1	1 390.5
October	616.5	122.8	86.8	188.4	70.6	127.1	185.7	1 397.7
November	620.9	124.5	86.2	191.4	70.9	125.0	185.7	1 404.4
December	624.5	125.4	85.6	194.0	71.3	123.3	185.0	1 409.1
2003								
January	627.1	125.5	85.2	195.8	71.7	121.9	184.0	1 411.2
February	629.2	125.2	84.7	197.0	71.9	120.5	183.0	1 411.8
March	630.4	124.6	84.4	197.8	72.2	119.5	182.0	1 411.7

(a) See paragraph 5 of the Explanatory Notes.

(b) Break in series. See the 'Trend Estimates' section 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)								
2002								
January	126.0	np	15.6	42.8	16.9	np	32.2	286.2
February	114.4	np	14.7	38.4	16.6	np	29.9	260.6
March	127.5	np	15.9	42.1	16.6	np	32.1	289.6
April	119.3	np	16.5	43.4	14.6	np	29.3	277.6
May	124.5	np	18.1	45.9	15.3	np	30.0	293.0
June	116.6	np	16.1	46.9	14.4	np	27.9	275.8
July	115.1	np	14.8	44.3	14.3	np	28.7	272.2
August	119.4	np	15.3	47.0	14.8	np	29.5	281.0
September	112.7	np	14.3	44.7	13.7	np	29.7	269.6
October	125.6	np	14.4	49.0	14.2	np	32.8	297.9
November	124.1	np	18.1	49.6	15.7	np	35.1	313.1
December	136.0	np	25.0	59.7	24.7	np	42.3	387.9
2003								
January	129.2	np	15.8	44.9	15.5	np	33.7	299.5
February	115.9	np	13.9	41.5	14.9	np	31.0	270.6
March	122.3	np	16.6	48.6	15.0	np	33.8	296.8
SEASONALLY ADJUSTED (\$ million)								
2002								
January	121.1	np	16.5	44.5	16.1	np	29.8	285.9
February	120.1	np	17.1	44.2	16.9	np	30.3	284.7
March	120.4	np	16.3	44.2	16.9	np	28.7	284.2
April	125.3	np	15.8	45.6	15.5	np	29.4	290.0
May	123.4	np	17.0	46.8	16.3	np	30.7	294.0
June	123.4	np	16.6	47.3	16.5	np	31.3	294.6
July	121.4	np	16.2	47.0	16.0	np	32.4	291.9
August	120.5	np	17.7	47.9	16.3	np	32.4	292.5
September	118.7	np	16.2	47.1	15.5	np	32.6	290.1
October	123.1	np	15.8	46.9	15.0	np	33.1	296.4
November	124.0	np	16.6	46.7	15.4	np	33.6	299.8
December	121.3	np	17.0	45.8	16.7	np	34.6	299.3
2003								
January	122.1	np	16.5	47.2	14.7	np	30.9	296.8
February	121.2	np	16.2	47.7	14.8	np	31.3	295.7
March	121.0	np	17.4	50.4	15.1	np	31.6	301.0
TREND ESTIMATES (\$ million)								
2002								
January	119.7	np	16.4	43.8	16.4	np	29.6	282.9
February	120.8	np	16.5	44.5	16.4	np	29.5	285.2
March	122.1	np	16.5	45.1	16.4	np	29.6	287.6
April	122.8	np	16.5	45.7	16.4	np	30.0	289.8
May	122.9	np	16.6	46.4	16.3	np	30.5	291.3
June	122.5	np	16.6	47.0	16.2	np	31.1	292.2
July	121.9	np	16.6	47.3	16.0	np	31.9	292.8
August	121.5	np	16.6	47.4	15.9	np	32.6	293.5
September	121.4	np	16.5	47.1	15.8	np	33.1	294.3
October	121.6	np	16.5	46.8	15.6	np	33.2	295.4
November	121.9	np	16.5	46.7	15.5	np	33.1	296.6
December	122.1	np	16.5	46.9	15.4	np	32.8	297.6
2003								
January	122.0	np	16.6	47.4	15.3	np	32.4	298.3
February	121.8	np	16.7	47.9	15.1	np	31.9	298.7
March	121.5	np	16.9	48.6	15.1	np	31.5	299.1

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

(a) See paragraph 5 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)								
2002								
January	61.3	np	6.8	17.8	4.9	np	21.5	131.2
February	56.9	np	5.8	16.2	4.7	np	19.4	120.4
March	65.8	np	6.1	17.5	5.2	np	22.9	136.7
April	65.3	np	6.4	18.2	4.9	np	22.7	139.0
May	71.5	np	7.6	18.7	5.2	np	25.1	150.6
June	70.3	np	7.6	19.3	5.2	np	25.1	151.0
July	76.4	np	8.6	16.2	5.8	np	27.7	161.7
August	77.8	np	8.5	17.8	6.2	np	27.4	164.9
September	72.2	np	7.9	17.0	5.5	np	24.8	152.1
October	73.4	np	7.8	16.6	5.1	np	26.4	153.2
November	70.0	np	8.0	16.3	4.9	np	26.0	150.7
December	72.3	np	9.3	18.2	6.0	np	25.3	162.7
2003								
January	66.0	np	6.1	16.4	3.8	np	21.9	135.2
February	61.9	np	5.4	14.9	4.1	np	20.0	125.3
March	69.7	np	6.1	16.3	4.3	np	22.2	139.9
SEASONALLY ADJUSTED (\$ million)								
2002								
January	66.8	np	7.9	19.0	5.4	np	24.9	145.7
February	65.9	np	7.7	18.4	5.3	np	24.5	144.1
March	66.9	np	7.3	18.5	5.3	np	24.6	144.8
April	68.3	np	7.3	18.8	5.3	np	24.2	147.6
May	69.4	np	8.1	18.2	5.2	np	24.5	149.0
June	68.8	np	7.7	18.8	5.1	np	24.4	149.4
July	71.0	np	7.7	16.5	5.6	np	24.6	150.4
August	70.2	np	7.5	17.8	5.7	np	24.1	149.0
September	71.3	np	7.7	17.1	5.4	np	24.4	150.3
October	71.1	np	7.3	16.1	5.0	np	24.7	146.8
November	70.9	np	7.5	15.8	5.0	np	24.7	148.1
December	71.8	np	7.0	15.4	5.1	np	24.9	147.8
2003								
January	71.8	np	7.1	17.0	4.3	np	25.1	149.6
February	71.6	np	7.0	16.9	4.7	np	25.4	150.0
March	72.1	np	7.2	17.3	4.6	np	24.8	150.5
TREND ESTIMATES (\$ million)								
2002								
January	66.1	np	7.6	18.8	5.1	np	24.7	143.8
February	66.6	np	7.6	18.8	5.2	np	24.6	144.9
March	67.2	np	7.6	18.7	5.3	np	24.5	146.0
April	68.0	np	7.6	18.5	5.3	np	24.4	147.3
May	68.9	np	7.7	18.3	5.4	np	24.4	148.5
June	69.6	np	7.7	18.0	5.4	np	24.4	149.3
July	70.2	np	7.7	17.7	5.4	np	24.3	149.6
August	70.6	np	7.7	17.2	5.4	np	24.4	149.4
September	70.9	np	7.6	16.7	5.3	np	24.4	148.9
October	71.2	np	7.4	16.3	5.2	np	24.6	148.5
November	71.3	np	7.3	16.2	5.0	np	24.8	148.4
December	71.5	np	7.2	16.2	4.8	np	24.9	148.6
2003								
January	71.7	np	7.2	16.4	4.7	np	25.0	149.0
February	71.8	np	7.1	16.6	4.6	np	25.1	149.5
March	71.9	np	7.1	16.9	4.5	np	25.2	150.1

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

(a) See paragraph 5 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)								
2002								
January	113.1	23.5	18.6	44.1	11.8	23.7	45.7	280.4
February	106.2	20.2	17.6	37.7	13.0	22.2	45.2	262.1
March	116.3	24.4	17.8	43.6	12.5	25.6	50.6	290.9
April	110.3	26.2	20.0	43.4	12.7	23.8	49.4	285.8
May	117.2	28.2	21.9	45.0	13.3	24.2	50.2	300.0
June	111.7	27.3	20.1	45.0	12.4	21.4	50.8	288.7
July	110.8	24.4	18.3	40.6	14.1	23.8	53.7	285.6
August	116.7	24.1	18.1	43.9	14.4	25.3	55.9	298.4
September	111.6	24.0	17.1	41.3	12.7	27.4	52.6	286.6
October	118.8	27.5	18.7	49.4	12.5	25.4	54.6	306.9
November	119.7	33.8	20.2	50.8	13.7	29.4	55.2	322.7
December	129.3	52.5	26.8	61.2	18.7	37.5	57.1	383.1
2003								
January	114.2	24.2	16.8	51.6	13.1	18.0	50.1	288.0
February	107.0	21.4	15.7	48.3	14.3	17.5	50.2	274.4
March	116.3	25.9	19.6	53.4	14.9	19.1	57.6	306.6
SEASONALLY ADJUSTED (\$ million)								
2002								
January	114.5	27.3	20.6	43.7	13.7	27.5	49.5	296.7
February	114.1	27.8	21.7	42.1	14.6	27.0	50.4	297.7
March	114.3	27.2	19.1	45.2	12.8	27.1	49.6	295.3
April	115.5	27.2	19.0	48.1	13.6	26.3	48.1	297.8
May	115.9	28.2	20.2	46.3	13.5	25.2	49.7	298.9
June	117.1	31.2	19.7	46.7	12.6	24.4	51.2	302.9
July	112.7	24.8	17.9	40.7	13.7	24.9	52.6	287.2
August	114.4	27.9	19.9	45.5	14.7	24.9	55.5	302.8
September	117.1	28.9	19.8	44.0	13.6	26.5	53.5	303.5
October	116.3	28.4	19.3	47.9	13.2	24.8	53.1	303.1
November	116.0	30.0	19.7	47.7	13.0	27.8	53.5	307.8
December	114.4	27.5	19.0	47.4	13.0	23.8	54.4	299.6
2003								
January	115.4	28.7	18.5	51.1	15.2	20.8	54.9	304.5
February	115.4	29.4	19.3	54.0	16.0	21.3	55.9	311.4
March	116.3	29.5	20.3	55.7	15.5	20.3	55.9	313.4
TREND ESTIMATES (\$ million)								
2002								
January	114.3	27.3	19.7	43.6	13.5	27.0	49.1	294.8
February	114.7	27.4	19.8	44.3	13.6	26.9	49.2	296.3
March	114.9	27.5	19.7	45.1	13.6	26.6	49.3	297.2
April	115.1	27.6	19.6	45.6	13.5	26.1	49.6	297.5
May	115.3	27.7	19.4	45.5	13.4	25.5	50.4	297.5
June	115.3	27.9	19.3	45.2	13.5	25.1	51.4	297.8
July	115.4	28.1	19.3	44.8	13.6	25.2	52.4	298.6
August	115.5	28.3	19.4	44.6	13.5	25.5	53.2	299.8
September	115.5	28.5	19.4	45.0	13.5	25.7	53.7	301.1
October	115.6	28.6	19.4	46.1	13.5	25.6	53.9	302.5
November	115.6	28.7	19.3	47.7	13.7	24.9	54.1	303.9
December	115.6	28.8	19.3	49.4	14.0	23.9	54.4	305.4
2003								
January	115.5	28.9	19.3	51.2	14.5	22.6	54.8	307.0
February	115.5	29.1	19.3	52.8	15.0	21.5	55.3	308.6
March	115.4	29.2	19.5	54.4	15.6	20.4	55.8	310.7

(a) See paragraph 5 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)								
2001								
March	15 117.7	2 757.4	2 269.5	4 654.3	1 638.8	3 553.8	6 386.4	36 362.7
June	15 037.3	3 086.0	2 536.1	4 913.6	1 526.5	3 735.2	6 318.2	37 151.8
September	15 266.9	3 009.0	2 429.4	5 223.8	1 587.5	3 883.5	6 673.4	38 073.5
December	16 496.9	4 606.6	3 084.5	6 231.1	1 898.8	4 843.8	6 912.1	44 073.7
2002								
March	15 723.2	2 820.0	2 448.3	5 420.8	1 634.9	3 733.0	6 349.8	38 130.0
June	15 534.3	3 278.2	2 707.0	5 881.4	1 620.7	3 913.4	6 479.3	39 414.4
September	15 871.2	3 087.2	2 618.8	6 043.8	1 747.9	4 012.2	6 841.7	40 222.9
December	17 157.7	4 868.5	3 297.4	7 073.2	2 011.5	4 990.0	7 163.3	46 561.4
2003								
March	15 905.8	2 979.9	2 530.3	5 981.2	1 598.0	3 914.5	6 690.6	39 600.3
SEASONALLY ADJUSTED (\$ million)								
2001								
March	15 293.7	3 375.1	2 522.4	4 882.5	1 723.6	3 887.6	6 521.9	38 208.1
June	15 415.4	3 318.5	2 567.8	5 170.9	1 650.5	3 933.9	6 530.8	38 575.2
September	15 601.4	3 336.9	2 578.5	5 331.0	1 646.8	4 025.1	6 697.9	39 217.7
December	15 623.1	3 405.8	2 638.5	5 538.2	1 633.2	4 111.4	6 523.1	39 473.2
2002								
March	15 818.2	3 417.3	2 734.0	5 732.3	1 717.3	4 111.9	6 485.7	40 016.7
June	15 978.7	3 553.9	2 718.2	6 155.3	1 744.7	4 125.3	6 708.0	40 984.1
September	16 223.7	3 409.6	2 769.1	6 156.2	1 799.6	4 161.4	6 860.4	41 380.0
December	16 242.7	3 616.9	2 815.8	6 298.2	1 719.3	4 244.1	6 783.0	41 720.0
2003								
March	16 079.5	3 657.6	2 813.9	6 293.8	1 677.1	4 296.1	6 809.6	41 627.5
TREND ESTIMATES (\$ million)								
2001								
March	15 353.3	3 329.2	2 514.0	4 956.1	1 682.2	3 859.7	6 490.6	38 176.9
June	15 423.5	3 335.2	2 557.7	5 121.6	1 665.1	3 956.4	6 584.9	38 635.9
September	15 541.1	3 348.2	2 595.8	5 322.3	1 645.8	4 029.9	6 592.9	39 073.3
December	15 666.8	3 394.1	2 648.6	5 551.2	1 654.4	4 086.8	6 555.0	39 556.1
2002								
March	15 817.9	3 442.9	2 699.2	5 800.6	1 705.1	4 116.2	6 576.3	40 159.0
June	16 014.4	3 473.1	2 741.4	6 043.8	1 754.4	4 134.0	6 675.6	40 836.7
September	16 152.8	3 515.8	2 771.1	6 193.3	1 761.2	4 174.5	6 783.8	41 347.2
December	16 194.5	3 574.4	2 799.3	6 273.0	1 732.6	4 233.1	6 822.8	41 627.7
2003								
March	16 174.7	3 619.9	2 823.4	6 309.5	1 698.0	4 293.2	6 817.6	41 758.7

(a) Reference year for chain volume measures is 2000–01. See paragraph 29 of the Explanatory Notes.

(b) See paragraph 5 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)								
2001								
March	-6.6	-37.7	-21.7	-14.3	-15.3	-19.7	-5.7	-13.6
June	-0.5	11.9	11.7	5.6	-6.9	5.1	-1.1	2.2
September	1.5	-2.5	-4.2	6.3	4.0	4.0	5.6	2.5
December	8.1	53.1	27.0	19.3	19.6	24.7	3.6	15.8
2002								
March	-4.7	-38.8	-20.6	-13.0	-13.9	-22.9	-8.1	-13.5
June	-1.2	16.2	10.6	8.5	-0.9	4.8	2.0	3.4
September	2.2	-5.8	-3.3	2.8	7.8	2.5	5.6	2.1
December	8.1	57.7	25.9	17.0	15.1	24.4	4.7	15.8
2003								
March	-7.3	-38.8	-23.3	-15.4	-20.6	-21.6	-6.6	-15.0
SEASONALLY ADJUSTED (% change from preceding quarter)								
2001								
March	-0.3	2.3	1.3	0.8	3.6	3.2	2.3	1.2
June	0.8	-1.7	1.8	5.9	-4.2	1.2	0.1	1.0
September	1.2	0.6	0.4	3.1	-0.2	2.3	2.6	1.7
December	0.1	2.1	2.3	3.9	-0.8	2.1	-2.6	0.7
2002								
March	1.2	0.3	3.6	3.5	5.2	0.0	-0.6	1.4
June	1.0	4.0	-0.6	7.4	1.6	0.3	3.4	2.4
September	1.5	-4.1	1.9	0.0	3.1	0.9	2.3	1.0
December	0.1	6.1	1.7	2.3	-4.5	2.0	-1.1	0.8
2003								
March	-1.0	1.1	-0.1	-0.1	-2.5	1.2	0.4	-0.2
TREND ESTIMATES (% change from preceding quarter)								
2001								
March	0.3	-0.5	1.7	2.3	-0.2	2.7	1.8	1.0
June	0.5	0.2	1.7	3.3	-1.0	2.5	1.5	1.2
September	0.8	0.4	1.5	3.9	-1.2	1.9	0.1	1.1
December	0.8	1.4	2.0	4.3	0.5	1.4	-0.6	1.2
2002								
March	1.0	1.4	1.9	4.5	3.1	0.7	0.3	1.5
June	1.2	0.9	1.6	4.2	2.9	0.4	1.5	1.7
September	0.9	1.2	1.1	2.5	0.4	1.0	1.6	1.3
December	0.3	1.7	1.0	1.3	-1.6	1.4	0.6	0.7
2003								
March	-0.1	1.3	0.9	0.6	-2.0	1.4	-0.1	0.3

(a) Reference year for chain volume measures is 2000-01. See paragraph 29 of the Explanatory Notes.

(b) See paragraph 5 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)									
2001									
March	12 862.4	8 525.5	6 968.8	2 574.0	3 520.2	796.0	360.6	755.0	36 362.7
June	13 120.4	8 800.0	7 060.8	2 673.9	3 520.6	786.0	397.1	793.1	37 151.8
September	13 436.6	8 962.6	7 246.0	2 774.9	3 631.4	764.3	432.7	825.0	38 073.5
December	15 462.5	10 559.5	8 207.7	3 223.9	4 325.0	912.8	437.6	944.6	44 073.7
2002									
March	13 232.9	9 097.5	7 159.4	2 852.4	3 783.4	815.6	378.4	810.3	38 130.0
June	13 710.2	9 439.1	7 388.2	2 928.0	3 850.7	822.7	427.9	847.8	39 414.4
September	14 042.8	9 506.3	7 753.6	3 017.3	3 800.4	798.7	464.4	839.5	40 222.9
December	16 261.5	11 006.4	8 826.7	3 485.0	4 583.4	970.9	451.7	975.7	46 561.4
2003									
March	13 806.3	9 413.1	7 519.1	2 944.2	3 864.5	835.3	383.0	834.7	39 600.3
SEASONALLY ADJUSTED (\$ million)									
2001									
March	13 517.4	8 969.6	7 318.5	2 711.4	3 662.7	818.8	403.7	806.9	38 208.1
June	13 601.1	9 143.5	7 351.0	2 789.3	3 671.8	812.8	402.2	817.5	38 575.2
September	13 825.9	9 300.7	7 383.8	2 855.9	3 792.8	808.9	405.8	843.9	39 217.7
December	13 865.9	9 374.7	7 416.7	2 878.8	3 854.4	819.9	415.2	847.8	39 473.2
2002									
March	13 909.8	9 571.9	7 499.2	2 986.3	3 930.4	833.0	422.4	863.9	40 016.7
June	14 240.8	9 811.3	7 701.8	3 058.1	4 012.9	853.7	433.1	872.2	40 984.1
September	14 427.8	9 836.5	7 896.8	3 107.8	3 969.1	848.0	435.0	859.0	41 380.0
December	14 613.4	9 790.6	7 974.6	3 101.3	4 070.0	867.7	427.0	875.4	41 720.0
2003									
March	14 522.0	9 894.1	7 899.2	3 100.8	4 030.3	860.4	429.3	891.5	41 627.5
TREND ESTIMATES (\$ million)									
2001									
March	13 497.2	8 952.7	7 313.3	2 738.1	3 658.8	813.7	402.5	806.4	38 176.9
June	13 638.2	9 138.9	7 352.7	2 783.0	3 692.4	813.4	403.2	822.6	38 635.9
September	13 762.6	9 273.1	7 375.2	2 837.7	3 771.0	812.8	406.9	837.5	39 073.3
December	13 861.0	9 419.6	7 421.7	2 905.3	3 861.7	820.5	414.3	852.8	39 556.1
2002									
March	13 996.4	9 596.2	7 531.8	2 980.1	3 933.5	833.8	424.1	862.2	40 159.0
June	14 206.2	9 746.7	7 705.9	3 053.0	3 981.8	847.0	430.9	865.2	40 836.7
September	14 414.4	9 819.8	7 854.0	3 092.9	4 012.2	855.6	432.2	868.7	41 347.2
December	14 543.1	9 845.3	7 935.5	3 105.9	4 032.2	860.7	430.6	875.5	41 627.7
2003									
March	14 595.7	9 858.4	7 964.8	3 108.0	4 044.9	862.7	428.1	885.1	41 758.7

(a) Reference year for chain volume measures is 2000-01. See paragraph 29 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)									
2001									
March	-13.4	-13.6	-13.1	-16.0	-14.0	-11.5	-15.2	-14.7	-13.6
June	2.0	3.2	1.3	3.9	0.0	-1.3	10.1	5.1	2.2
September	2.4	1.8	2.6	3.8	3.1	-2.8	9.0	4.0	2.5
December	15.1	17.8	13.3	16.2	19.1	19.4	1.1	14.5	15.8
2002									
March	-14.4	-13.8	-12.8	-11.5	-12.5	-10.7	-13.5	-14.2	-13.5
June	3.6	3.8	3.2	2.6	1.8	0.9	13.1	4.6	3.4
September	2.4	0.7	4.9	3.1	-1.3	-2.9	8.6	-1.0	2.1
December	15.8	15.8	13.8	15.5	20.6	21.6	-2.7	16.2	15.8
2003									
March	-15.1	-14.5	-14.8	-15.5	-15.7	-14.0	-15.2	-14.5	-15.0
SEASONALLY ADJUSTED (%change from preceding quarter)									
2001									
March	1.3	2.1	0.8	-0.7	0.2	1.6	-0.1	1.6	1.2
June	0.6	1.9	0.4	2.9	0.2	-0.7	-0.4	1.3	1.0
September	1.7	1.7	0.4	2.4	3.3	-0.5	0.9	3.2	1.7
December	0.3	0.8	0.4	0.8	1.6	1.4	2.3	0.5	0.7
2002									
March	0.3	2.1	1.1	3.7	2.0	1.6	1.7	1.9	1.4
June	2.4	2.5	2.7	2.4	2.1	2.5	2.5	1.0	2.4
September	1.3	0.3	2.5	1.6	-1.1	-0.7	0.4	-1.5	1.0
December	1.3	-0.5	1.0	-0.2	2.5	2.3	-1.9	1.9	0.8
2003									
March	-0.6	1.1	-0.9	0.0	-1.0	-0.8	0.6	1.8	-0.2
TREND ESTIMATES (%change from preceding quarter)									
2001									
March	0.8	2.1	0.9	1.2	-0.9	1.0	-0.5	1.9	1.0
June	1.0	2.1	0.5	1.6	0.9	0.0	0.2	2.0	1.2
September	0.9	1.5	0.3	2.0	2.1	-0.1	0.9	1.8	1.1
December	0.7	1.6	0.6	2.4	2.4	0.9	1.8	1.8	1.2
2002									
March	1.0	1.9	1.5	2.6	1.9	1.6	2.4	1.1	1.5
June	1.5	1.6	2.3	2.4	1.2	1.6	1.6	0.3	1.7
September	1.5	0.7	1.9	1.3	0.8	1.0	0.3	0.4	1.3
December	0.9	0.3	1.0	0.4	0.5	0.6	-0.4	0.8	0.7
2003									
March	0.4	0.1	0.4	0.1	0.3	0.2	-0.6	1.1	0.3

(a) Reference year for chain volume measures is 2000-01.. See paragraph 29 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/territory. The principal objective of the series is to show month to month movement of turnover.

2 Estimates of turnover contained in this publication are compiled from the Retail Business survey which includes about 6,500 retail and selected service businesses. All 'large' businesses are included in the survey, while a sample of about 4,100 'smaller' businesses is selected. The 'large' business' contribution of approximately 55% of the total estimate ensures a highly reliable Australian total turnover estimate.

SCOPE AND COVERAGE

3 The scope of the Retail Business survey is all employing businesses with at least one retail outlet. Like most ABS economic surveys, the frame used for the Retail Business survey is taken from the ABS Business Register which includes registrations to the Australian Taxation Office's (ATO) Pay As You Go Withholding (PAYGW) scheme. Each statistical unit (as defined below) included on the ABS Business Register is classified to the Australian and New Zealand Standard Industrial Classification (ANZSIC) industry in which it mainly operates. The frame is supplemented with information about business which are classified as non-retail but which have significant retail activity.

4 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. Businesses which have ceased employing are identified when the ATO cancels their Australian Business Number (ABN) and/or PAYGW registration. In addition, businesses with less than 50 employees which did not remit under the PAYGW scheme in each of the previous five quarters are removed from the frame.

5 The following industries included in the survey are as defined in ANZSIC:

■ Food Retailing

Supermarkets and grocery stores (5110) and non-petrol sales of convenience stores of selected 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)

EXPLANATORY NOTES *continued*

SCOPE AND COVERAGE

continued

- 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)
- 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).

STATISTICAL UNITS DEFINED ON THE ABS BUSINESS REGISTER

6 The ABS uses an economic statistics units model on the ABS Business Register to describe the characteristics of businesses, and the structural relationships between related businesses. The units model is also used to break groups of related businesses into relatively homogeneous components that can provide data to the ABS.

7 In mid 2002, to better use the information available as a result of The New Tax System, the ABS changed its economic statistics units model. The new units model allocates businesses to one of two sub-populations. The vast majority of businesses are in what is called the ATO Maintained Population, while the remaining businesses are in the ABS Maintained Population. Together, these two sub-populations make up the ABS Business Register population.

ATO Maintained Population

8 Most businesses and organisations in Australia need to obtain an ABN, and are then included on the ATO Australian Business Register. Most of these businesses have simple structures; therefore the unit registered for an ABN will satisfy ABS statistical requirements. For these businesses, the ABS has aligned its statistical units structure with the ABN unit. The businesses with simple structures constitute the ATO Maintained Population, and the ABN unit is used as the statistical unit for all economic collections.

ABS Maintained Population

9 For the population of businesses where the ABN unit is not suitable for ABS statistical requirements, the ABS maintains its own units structure through direct contact with each business. These businesses constitute the ABS Maintained Population. This population consists typically of large, complex and diverse businesses. The new statistical units model described below has been introduced to cover such businesses.

Enterprise Group: This is a unit covering all the operations in Australia of one or more legal entities under common ownership and/or control. It covers all the operations in Australia of legal entities which are related in terms of the current Corporations Law (as amended by the Corporations Legislation Amendment Act 1991), including legal entities such as companies, trusts, and partnerships. Majority ownership is not required for control to be exercised.

EXPLANATORY NOTES *continued*

ABS Maintained Population *continued*

Enterprise: The enterprise is an institutional unit comprising (i) a single legal entity or business entity, or (ii) more than one legal entity or business entity within the same Enterprise Group and in the same institutional sub-sector (ie they are all classified to a single Standard Institutional Sector Classification of Australia sub-sector).

Type of Activity Unit (TAU): The TAU is comprised of one or more business entities, sub-entities or branches of a business entity within an Enterprise Group that can report production and employment data for similar economic activities. When a minimum set of data items are available, a TAU is created which covers all the operations within an industry sub-division (and the TAU is classified to the relevant sub-division of the ANZSIC). Where a business cannot supply adequate data for each industry, a TAU is formed which contains activity in more than one industry sub-division.

10 For more information on the impacts of the introduction of the new economic statistics units model, refer to *Information Paper: Improvements in ABS Economic Statistics [Arising from the New Tax System]* (cat. no. 1372.0).

11 Prior to the July 2002 reference month, the Retail Business survey used the management unit as the statistical unit. From the July 2002 reference month onwards, the statistical unit is the ABN unit for businesses with simple structures, and the TAU for businesses with complex structures. In most cases, ABN/TAU units concord with the management units previously used.

SURVEY METHODOLOGY

12 The survey is conducted monthly by both telephone interview and a questionnaire mailed to businesses. The businesses included in the survey are selected by random sample from a frame stratified by state, industry and business size. For the ABS Maintained Population, the ABS uses reported employment as the measure of business size. For the ATO Maintained Population, for which employment data are not updated on a regular basis, the ABS uses a derived size benchmark. The derived size benchmark is a modelled employment size measure, based primarily on wages and salaries from Business Activity Statements or number of payees from the ATO, which is scaled to be the same magnitude as the previous employment benchmark, using current ABS employment data from the Survey of Employment and Earnings.

13 In the first month of each quarter, some businesses in the sample are replaced, at random, by other businesses so that the reporting load can be spread across smaller retailers.

14 Most businesses can provide turnover on a calendar month basis and this is how the data are presented. When businesses cannot provide turnover on a calendar month basis, the reported data and the period they relate to are used to estimate turnover for the calendar month.

15 Most retailers operate in a single state/territory. For this reason, estimates of turnover by state/territory are only collected from the larger retailers which are included in the survey each month. These retailers are asked to provide turnover for sales from each state/territory in which the business operates. Turnover for the smaller businesses is allocated to the state of their head office or main outlet.

DEFINITION OF TURNOVER

16 Turnover includes retail sales; wholesale sales; takings from repairs, meals and hiring of goods (except for rent, leasing and hiring of land and buildings); 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 the Goods and Service Tax.

EXPLANATORY NOTES *continued*

DEFINITION OF TURNOVER

continued

17 Turnover presented in the Retail Trade series includes net proceeds from licensed gambling activities undertaken in the Hotels and licensed clubs industry. The impact of net proceeds from gambling on movements in the Retail Trade series was discussed in a feature article 'Contribution of gambling to retail estimates' included in the December 2002 issue of this publication. The article concluded that net proceeds from gambling had not had a significant impact on quarterly movements for the series but net proceeds from gambling had increased over time and users should be aware of this when interpreting the series. For September quarter 2002, net proceeds from gambling was 3.7% of the Total Retail series and 39.2% of the turnover of Hotels and licensed clubs.

SEASONAL ADJUSTMENT

18 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 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.

19 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. There is also a similar allowance for the variable timing of Father's Day. See the Appendix of the July 2001 and August 2002 issues respectively of this publication for more information.

20 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. For more information see *Information Paper: Introduction of Concurrent Seasonal Adjustment into the Retail Trade Series* (cat. no. 8514.0).

21 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 and Hospitality/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 August 2002 using data up to and including the July 2002 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>Mar</i> 2002	<i>Feb</i> 2003	<i>Mar</i> 2003
Factors as estimated at last reanalysis (July 2002 reference month)	0.97761	0.88449	0.96342
Factors as estimated with current month's data (March 2003 reference month)	0.98157	0.88361	0.96706

EXPLANATORY NOTES *continued*

SEASONAL ADJUSTMENT

continued

22 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 they become available.

COMBINED ADJUSTMENT FACTORS

	<i>Apr</i> 2003	<i>May</i> 2003	<i>Jun</i> 2003
Factors as estimated with current month's data (March 2003 reference month)	0.95537	0.99452	0.93658

23 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 usually shown in the July issue each year, but for 2002 appear in the August issue.

24 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.

25 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

26 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).

27 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 and July 2000. Care should therefore be taken if comparisons span this period. For more details refer to the Appendix in the December 2000 issue of this publication.

28 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.

EXPLANATORY NOTES *continued*

CHAIN VOLUME MEASURES

29 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 (currently 2000–2001). The reference year is updated in the June publication each 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 incomplete year (i.e. for the 2002–2003 financial year) which are 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

30 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

31 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.

32 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;
- 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).

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

EXPLANATORY NOTES *continued*

STANDARD ERRORS *continued*

	Food retailing	Depart- ment Stores	Clothing & soft good retailing	House- hold good retailing	Recrea- tional good retailing	Other retailing	Hospit- ality & services	Total
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
Aust.	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

34 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.

RELATED PUBLICATIONS

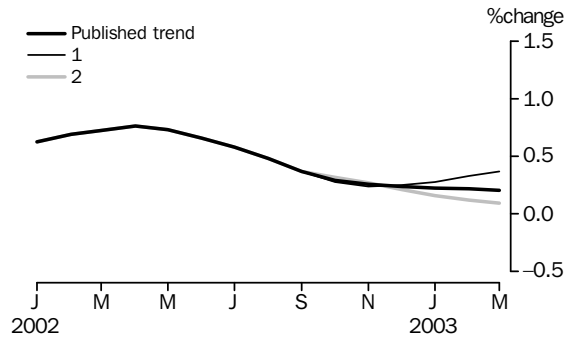
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TECHNICAL NOTE REVISIONS TO TREND ESTIMATES

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 April seasonally adjusted estimate of retail turnover is 1.0% higher than the March estimate.
- 2 The April seasonally adjusted estimate of retail turnover is 1.0% lower than the March 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 26 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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