

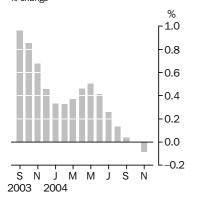
# RETAIL TRADE

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) FRI 7 JAN 2005

#### **Monthly turnover**

Trend estimates % change



### KEY FIGURES

	Nov 04 \$m	Oct 04 to Nov 04 % change
Turnover at current prices		
Trend estimates	16 549.8	-0.1
Seasonally adjusted estimates	16 513.1	0.1

### KEY POINTS

#### TREND ESTIMATES

- The trend estimate of turnover for the Australian Retail and Hospitality/Services series decreased by 0.1% in November 2004. This follows no growth for October and September 2004.
- In November 2004, the trend estimate increased in Victoria (+0.1%) and Western Australia (+0.2%). All other states and territories had decreases with the largest in Queensland (-0.3%).
- Over the three months to November 2004, the Australian trend estimate decreased by \$8m. Household good retailing (+\$51m) and Other retailing (+\$2m) had the only increases.

#### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate of turnover for the Australian Retail and Hospitality/Services series increased by 0.1% in November 2004. This followed a revised decrease of 1.0% in October 2004.
- Queensland (+0.3%), South Australia (+0.3%) and Western Australia (+0.8%) recorded seasonally adjusted growth in November 2004. New South Wales and Northern Territory had no growth while Victoria, Tasmania and the Australian Capital Territory decreased marginally.

#### ORIGINAL ESTIMATES

- In original terms, Australian turnover increased by 1.2% in November 2004 compared with October 2004. Chains and other large retailers (which are completely enumerated) increased by 2.5%, while 'smaller' retailers (the sampled units) decreased by 0.6%.
- Australian turnover increased by 2.0% in November 2004 compared with November 2003.
   Chains and other large retailers increased by 4.7%, while 'smaller' retailers fell by 1.4%.

### INQUIRIES

■ For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Jeremy Walker on Canberra (02) 6252 5451.



# NOTES

FORTHCOMING ISSUES	ISSUE	RELEASE DATE
	December 2004	4 February 2005
	January 2005	3 March 2005
	February 2005	4 April 2005
	March 2005	4 May 2005
	April 2005	31 May 2005
	• • • • • • • • • • • • •	
CHANGES IN THIS ISSUE	There are no changes in t	his issue.
SAMPLING ERRORS	Standard errors for the Au	ustralian estimates (original data) for November 2004 contained
	in this publication are:	
	• • • • • • • • • • • • • • • • • • •	
	Data Series	Standard Estimate error
	Level of retail turnover (\$m) Change from preceding mon % change from preceding mon	
	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
	For more information see	the Explanatory Notes, paragraphs 32–36.
ABBREVIATIONS	ABN Australian Busin	ness Number
	ABS Australian Bure	au of Statistics
	ANZSIC Australian and I	New Zealand Standard Industrial Classification
	ARIMA autoregressive	integrated moving average
	ATO Australian Taxa	tion Office
	n.e.c. not elsewhere of	classified
	PAYGW pay-as-you-go w	
	RSE relative standar	d error

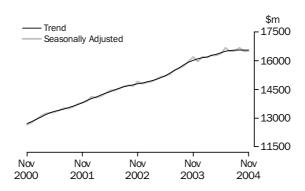
Dennis Trewin

Australian Statistician

TAU type of activity unit

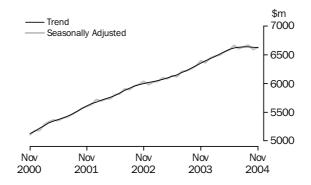
TOTAL RETAIL

In the last five months, the Australian Retail and Hospitality/Services trend series has gone from weak growth to being in decline in November 2004. Household good retailing continued its moderate trend growth in November 2004 while all other industries were in decline.



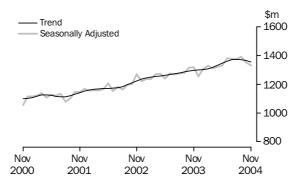
FOOD RETAILING

November 2004 was in decline after being flat in October and September. South Australia and Tasmania continued their moderate trend growth. In the last four months, the Australian Capital Territory and Victoria had weak growth while the other states and Northern Territory were in decline.



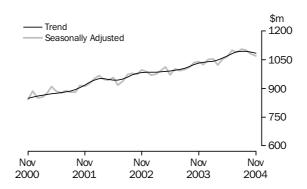
DEPARTMENT STORES

After strong trend growth from March to July 2004, growth slowed and has been in decline over the last three months. All published states and the Australian Capital Territory were in decline in November 2004.

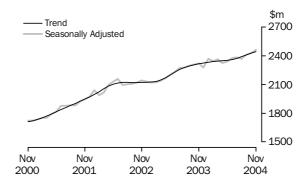


CLOTHING AND SOFT GOOD RETAILING

The trend was in decline in the three months to November 2004 after a steady fall in growth rates since May 2004. Over the last five months Western Australia and the Australian Capital Territory have had strong growth. Over the last three months all the other states and the Northern Territory were in decline.

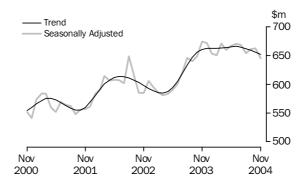


HOUSEHOLD GOOD RETAILING Trend growth has remained moderate to strong over the past five months after a period of weak growth from February 2004 to June 2004. Over the last five months, New South Wales and Victoria has been showing strong growth and Northern Territory has been in decline.



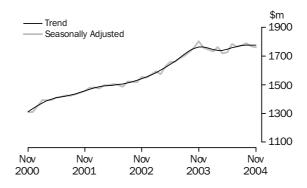
RECREATIONAL GOOD RETAILING

The trend has been in decline for the last five months. Western Australia was the only state with strong growth in this period with all other states and territories flat or in decline for at least the last three months.



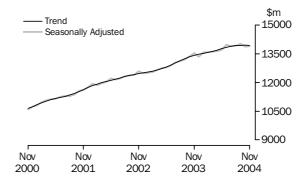
OTHER RETAILING

Trend growth has been slowing over the past five months with November 2004 being in decline. Queensland and Western Australia have had long periods of strong growth while South Australia had moderate growth over the last five months. New South Wales, Victoria and the Australian Capital Territory have been flat or in decline over quite a long period.

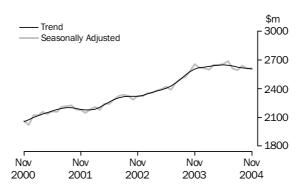


TOTAL RETAIL
(EXCLUDING HOSPITALITY
AND SERVICES)

Total retail (excluding Hospitality and services) was in decline in November 2004. Over the last six months, the rate of trend growth has generally been slightly stronger than that of Total industries (including Hospitality and services).

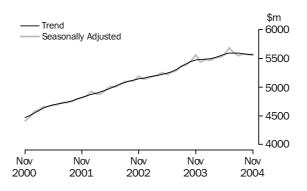


HOSPITALITY AND SERVICES The trend has been in decline for the last six months. New South Wales, Queensland, South Australia, Western Australia and Tasmania have been in decline for the last five months or longer. By contrast, Northern Territory has had strong trend growth over a similar period, while Victoria has had moderate growth for the last four months.



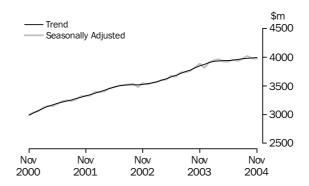
NEW SOUTH WALES

The trend has been in decline for the last four months. Over this period, Household good retailing was the only industry to show growth. Recreational good retailing and Other retailing have been in decline for 13 months.



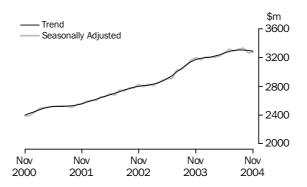
VICTORIA

Trend growth has been weak for the last nine months. After periods of strong growth, the rates of growth in Department stores and Clothing and soft good retailing have decreased significantly to being in decline in the last three months. Food retailing has been weak or flat over this period and Recreational good retailing and Hospitality and services has been in decline. Household good retailing has had strong growth over the last five months and Hospitality and services has had moderate growth.



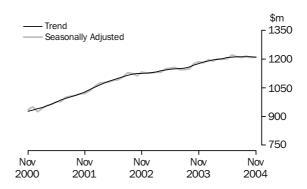
QUEENSLAND

Trend growth was flat for September 2004 and in decline for October and November. This reflects weak seasonally adjusted growth in November 2004 preceded by a large decline in October. Over the last three months Other retailing (strong), Household good retailing (moderate) and Department stores (weak) have had trend growth while all other industries were in decline.



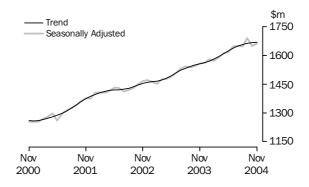
SOUTH AUSTRALIA

In November 2004, the trend was in decline after three months of being flat. Over the last three months Department stores, Clothing and soft good retailing, Recreational good retailing and Hospitality and services have been in decline while Household good retailing and Other retailing have had moderate growth. Food retailing has had weak growth over this period.



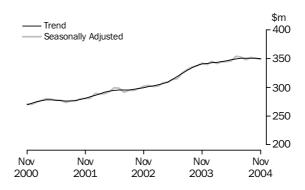
WESTERN AUSTRALIA

The rate of trend growth has been decreasing over the past six months with weak growth in the last three months. Strong growth in recent months in Clothing and soft good, Recreational good and Other retailing has been offset by a decline in Food retailing, Department stores and Hospitality and services. Household good retailing had weak trend growth in October and November 2004 after a period of strong growth.



TASMANIA

The trend was in decline in October and November 2004 and flat in September. Food retailing has had 12 months of moderate trend growth. Over the last three months Household good retailing has had weak growth and the other published industries are in decline.



### RETAIL TURNOVER, By Industry Group(a)

	<b>.</b>	5	Clothing and	Household	Recreational	0.11	Hospitality	
Month	Food retailing	Department stores	soft good retailing	good retailing	good retailing	Other retailing	and services	Total
• • • • • • • • • •		• • • • • • • • • •			• • • • • • • • •	• • • • • • • • • •	• • • • • • • • •	
			ORIG	INAL (\$ m	illion)			
2003								
September	6 047.2	1 175.0	969.0	2 267.1	615.7	1 682.7	2 466.7	15 223.5
October	6 486.0	1 292.0	1 055.4	2 405.4	641.4	1 843.5	2 689.1	16 412.9
November	6 370.2	1 503.5	1 081.1	2 431.4	687.2	1 918.8	2 670.8	16 662.9
December	7 236.4	2 386.5	1 497.4	2 945.3	986.2	2 575.6	2 975.6	20 603.2
2004	6 707.8	1 162.1	1 020 6	0.246.4	642.3	1 584.7	0.640.6	16 124.5
January February	6 158.0	970.8	1 038.6 844.0	2 346.4 2 115.3	594.8	1 543.3	2 642.6 2 444.1	14 670.3
March	6 480.6	1 107.5	942.6	2 269.4	654.9	1 669.1	2 634.3	15 758.3
April	6 558.0	1 250.3	1 021.9	2 118.9	610.2	1 588.9	2 628.1	15 776.3
May	6 444.5	1 251.9	1 021.9	2 214.6	613.4	1 665.0	2 590.3	15 868.6
June	6 288.7	1 355.0	1 088.0	2 332.4	619.4	1 645.3	2 514.0	15 842.8
July	6 640.4	1 276.4	1 049.6	2 332.4	658.4	1 680.6	2 647.6	16 319.8
August	6 460.1	1 143.5	989.0	2 326.1	630.2	1 705.6	2 575.2	15 829.7
September	6 536.2	1 288.1	1 066.0	2 354.4	643.0	1 776.8	2 603.3	16 267.8
October	6 704.9	1 328.5	1 000.0	2 505.4	638.7	1 814.9	2 712.8	16 803.0
November	6 589.3	1 507.0	1 106.0	2 628.4	668.1	1 881.6	2 618.7	16 999.1
November	0 303.3	1 301.0	1 100.0	2 020.4	000.1	1 001.0	2 010.7	10 333.1
• • • • • • • • • •	• • • • • • •	• • • • • • • • • •			B / A		• • • • • • • • • •	• • • • • • • •
		S	SEASONALLY	Y ADJUSTE	D (\$ million	n)		
2003								
September	6 257.4	1 278.0	1 010.9	2 296.8	639.9	1 728.5	2 522.7	15 734.3
October	6 306.4	1 314.5	1 034.8	2 310.0	648.5	1 758.7	2 581.5	15 954.4
November	6 391.7	1 317.8	1 041.2	2 319.4	674.5	1 804.1	2 658.7	16 207.4
December	6 360.4	1 255.2	1 023.7	2 279.6	671.9	1 757.4	2 616.9	15 965.2
2004								
January	6 448.8	1 308.1	1 051.4	2 368.8	653.1	1 744.9	2 614.2	16 189.2
February	6 480.4	1 329.4	1 053.8	2 343.4	650.6	1 732.5	2 597.2	16 187.2
March	6 492.5	1 310.8	1 023.0	2 364.1	671.1	1 762.8	2 647.9	16 272.2
April	6 552.2	1 320.0	1 053.0	2 325.6	660.2	1 718.5	2 648.5	16 278.0
May	6 584.9	1 332.5	1 065.7	2 341.2	666.9	1 727.3	2 657.5	16 376.0
June	6 667.0	1 380.8	1 099.8	2 375.1	670.4	1 784.5	2 689.1	16 666.6
July	6 608.0	1 376.1	1 087.8	2 384.6	668.7	1 767.5	2 610.1	16 502.8
August	6 639.9	1 375.9	1 105.9	2 368.3	654.0	1 774.0	2 592.4	16 510.3
September	6 672.2	1 392.1	1 100.5	2 412.2	661.2	1 790.0	2 640.3	16 668.5
October	6 591.5	1 352.5	1 079.3	2 430.0	662.3	1 769.0	2 610.1	16 494.7
November	6 627.2	1 330.9	1 070.6	2 462.1	645.1	1 761.9	2 615.2	16 513.1
• • • • • • • • • •	• • • • • • •	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • •	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • •
			TREND ES	STIMATES	(\$ million)			
2003								
September	6 268.7	1 286.6	1 014.2	2 293.7	646.6	1 736.3	2 540.4	15 786.5
October	6 312.1	1 292.5	1 024.5	2 305.1	655.8	1 753.6	2 577.9	15 921.5
November	6 354.4	1 296.8	1 032.8	2 315.6	660.9	1 763.8	2 604.7	16 029.0
December	6 394.3	1 299.4	1 037.2	2 325.3	662.7	1 763.9	2 619.3	16 102.1
2004								
January	6 433.8	1 302.7	1 039.9	2 333.5	662.6	1 756.3	2 626.9	16 155.7
February	6 474.7	1 308.2	1 042.4	2 340.5	662.5	1 746.5	2 633.8	16 208.7
March	6 514.8	1 317.6	1 047.7	2 345.7	663.0	1 739.9	2 640.3	16 269.0
April	6 554.7	1 331.5	1 057.3	2 349.8	663.9	1 740.4	2 646.0	16 343.7
May	6 591.0	1 348.0	1 070.3	2 354.1	665.4	1 748.0	2 649.0	16 425.8
June	6 617.1	1 361.7	1 082.5	2 361.6	666.2	1 758.6	2 646.0	16 493.6
July	6 631.3	1 370.3	1 091.0	2 374.8	664.8	1 767.5	2 636.9	16 536.2
August	6 636.7	1 373.4	1 094.4	2 392.0	662.1	1 773.3	2 626.4	16 557.9
September	6 636.8	1 370.8	1 093.1	2 410.0	659.1	1 776.2	2 618.2	16 564.2
		1 201 7	1 089.3	0.407.0	656.1	1 777.4	2 612.2	16 563.5
October November	6 634.4 6 628.8	1 364.7 1 356.3	1 089.3	2 427.8 2 442.6	652.2	1 775.5	2 606.3	16 549.8

<sup>(</sup>a) See paragraph 5 of the Explanatory Notes.

	Food	Department	Clothing and soft good	Household good	Recreational good	Other	Hospitality and	
Month	retailing	stores	retailing	retailing	retailing	retailing	services	Total
• • • • • • • • • •	• • • • • •				preceding		• • • • • • • • •	• • • • • • •
		ORIGIN	AL (% Chai	nge Irom	preceding	month)		
2003								
September	-1.7	8.8	7.0	1.7	-1.5	2.6	-2.7	0.4
October November	7.3	10.0	8.9 2.4	6.1 1.1	4.2 7.1	9.6	9.0 -0.7	7.8 1.5
December	–1.8 13.6	16.4 58.7	38.5	21.1	43.5	4.1 34.2	-0. <i>1</i> 11.4	23.6
2004	13.0	56.7	36.5	21.1	43.3	34.2	11.4	23.0
January	-7.3	-51.3	-30.6	-20.3	-34.9	-38.5	-11.2	-21.7
February	-8.2	-16.5	-18.7	-9.8	-7.4	-2.6	-7.5	-9.0
March	5.2	14.1	11.7	7.3	10.1	8.1	7.8	7.4
April	1.2	12.9	8.4	-6.6	-6.8	-4.8	-0.2	0.1
May	-1.7	0.1	6.6	4.5	0.5	4.8	-1.4	0.6
June	-2.4	8.2	-0.1	5.3	1.0	-1.2	-2.9	-0.2
July	5.6	-5.8	-3.5	1.5	6.3	2.1	5.3	3.0
August	-2.7	-10.4	-5.8	-1.7	-4.3	1.5	-2.7	-3.0
September	1.2	12.7	7.8	1.2	2.0	4.2	1.1	2.8
October	2.6	3.1	3.0	6.4	-0.7	2.1	4.2	3.3
November	-1.7	13.4	0.8	4.9	4.6	3.7	-3.5	1.2
	SEAS	SONALLY /	DJUSTED	(% chang	e from pre	ceding mo	nth)	
0000				(,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,	
2003	0.0	0.0	4.0	0.0	0.0	4.0	0.0	0.7
September	0.6	0.0	1.3	0.9	-0.9	1.6	0.9	0.7
October November	0.8 1.4	2.9 0.2	2.4 0.6	0.6 0.4	1.3 4.0	1.7 2.6	2.3 3.0	1.4 1.6
December	-0.5	-4.8	-1.7	-1.7	-0.4	-2.6	-1.6	-1.5
2004	-0.5	-4.6	-1.7	-1.7	-0.4	-2.0	-1.0	-1.5
January	1.4	4.2	2.7	3.9	-2.8	-0.7	-0.1	1.4
February	0.5	1.6	0.2	-1.1	-0.4	-0.7	-0.6	0.0
March	0.2	-1.4	-2.9	0.9	3.2	1.7	2.0	0.5
April	0.9	0.7	2.9	-1.6	-1.6	-2.5	0.0	0.0
May	0.5	0.9	1.2	0.7	1.0	0.5	0.3	0.6
June	1.2	3.6	3.2	1.4	0.5	3.3	1.2	1.8
July	-0.9	-0.3	-1.1	0.4	-0.3	-1.0	-2.9	-1.0
August	0.5	0.0	1.7	-0.7	-2.2	0.4	-0.7	0.0
September	0.5	1.2	-0.5	1.9	1.1	0.9	1.9	1.0
October	-1.2	-2.8	-1.9	0.7	0.2	-1.2	-1.1	-1.0
November	0.5	-1.6	-0.8	1.3	-2.6	-0.4	0.2	0.1
	0.0		0.0					
• • • • • • • • • •		• • • • • • • •		• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • •
• • • • • • • • •		• • • • • • • •		• • • • • • • •	rom preced	ding mont	h)	• • • • • •
2003		• • • • • • • •		• • • • • • • •	• • • • • • • •	ding mont	h)	• • • • • • •
2003 September		• • • • • • • •		• • • • • • • •	• • • • • • • •	ding mont	1.7	1.0
	TF	REND ESTI	MATES (%	change f	rom preced			
September	T F 0.7	REND ESTI	MATES (% 0.9	change f	rom preced	1.3	1.7	0.9
September October	0.7 0.7	0.5 0.5	MATES (% 0.9 1.0	change f 0.6 0.5	2.0 1.4	1.3 1.0	1.7 1.5	0.9 0.7
September October November	0.7 0.7 0.7 0.7	0.5 0.5 0.3	0.9 1.0 0.8	change f 0.6 0.5 0.5	2.0 1.4 0.8	1.3 1.0 0.6	1.7 1.5 1.0	0.9 0.7
September October November December	0.7 0.7 0.7 0.7	0.5 0.5 0.3	0.9 1.0 0.8	change f 0.6 0.5 0.5	2.0 1.4 0.8	1.3 1.0 0.6	1.7 1.5 1.0	0.9 0.7 0.5
September October November December 2004	0.7 0.7 0.7 0.6 0.6	0.5 0.5 0.3 0.2 0.2	0.9 1.0 0.8 0.4 0.3 0.2	change f 0.6 0.5 0.5 0.4 0.4	2.0 1.4 0.8 0.3	1.3 1.0 0.6 0.0 -0.4 -0.6	1.7 1.5 1.0 0.6 0.3 0.3	0.9 0.7 0.5
September October November December <b>2004</b> January February March	0.7 0.7 0.7 0.6 0.6 0.6 0.6	0.5 0.5 0.3 0.2 0.2 0.4 0.7	0.9 1.0 0.8 0.4 0.3 0.2 0.5	change f 0.6 0.5 0.5 0.4 0.4 0.3 0.2	2.0 1.4 0.8 0.3 0.0 0.0 0.1	1.3 1.0 0.6 0.0 -0.4 -0.6 -0.4	1.7 1.5 1.0 0.6 0.3 0.3 0.2	0.9 0.7 0.5 0.3
September October November December 2004 January February March April	0.7 0.7 0.7 0.6 0.6 0.6 0.6 0.6	0.5 0.5 0.3 0.2 0.2 0.4 0.7 1.1	0.9 1.0 0.8 0.4 0.3 0.2 0.5 0.9	change f  0.6 0.5 0.5 0.4  0.4 0.3 0.2 0.2	2.0 1.4 0.8 0.3 0.0 0.0 0.1 0.1	1.3 1.0 0.6 0.0 -0.4 -0.6 -0.4 0.0	1.7 1.5 1.0 0.6 0.3 0.3 0.2 0.2	0.9 0.7 0.5 0.3 0.4 0.5
September October November December 2004 January February March April May	0.7 0.7 0.7 0.6 0.6 0.6 0.6 0.6	0.5 0.5 0.3 0.2 0.2 0.4 0.7 1.1 1.2	0.9 1.0 0.8 0.4 0.3 0.2 0.5 0.9	change f  0.6 0.5 0.5 0.4  0.4 0.3 0.2 0.2 0.2	2.0 1.4 0.8 0.3 0.0 0.0 0.1 0.1	1.3 1.0 0.6 0.0 -0.4 -0.6 -0.4 0.0	1.7 1.5 1.0 0.6 0.3 0.3 0.2 0.2	0.9 0.7 0.5 0.3 0.4 0.5 0.5
September October November December 2004 January February March April May June	0.7 0.7 0.7 0.6 0.6 0.6 0.6 0.6 0.6	0.5 0.5 0.3 0.2 0.2 0.4 0.7 1.1 1.2 1.0	0.9 1.0 0.8 0.4 0.3 0.2 0.5 0.9 1.2	change f  0.6 0.5 0.5 0.4  0.4 0.3 0.2 0.2 0.2 0.2 0.3	2.0 1.4 0.8 0.3 0.0 0.0 0.1 0.1 0.2 0.1	1.3 1.0 0.6 0.0 -0.4 -0.6 -0.4 0.0 0.4	1.7 1.5 1.0 0.6 0.3 0.3 0.2 0.2 0.1 -0.1	0.9 0.7 0.5 0.3 0.4 0.5 0.5
September October November December 2004 January February March April May June July	0.7 0.7 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.4	0.5 0.5 0.3 0.2 0.2 0.4 0.7 1.1 1.2 1.0	0.9 1.0 0.8 0.4 0.3 0.2 0.5 0.9 1.2 1.1	change f  0.6 0.5 0.5 0.4  0.4 0.3 0.2 0.2 0.2 0.3 0.6	2.0 1.4 0.8 0.3 0.0 0.0 0.1 0.1 0.2 0.1 -0.2	1.3 1.0 0.6 0.0 -0.4 -0.6 -0.4 0.0 0.4 0.6 0.5	1.7 1.5 1.0 0.6 0.3 0.3 0.2 0.2 0.1 -0.1	0.9 0.7 0.5 0.3 0.3 0.4 0.5 0.5 0.4
September October November December 2004 January February March April May June July August	0.7 0.7 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.4 0.2	0.5 0.5 0.3 0.2 0.2 0.4 0.7 1.1 1.2 1.0 0.6	0.9 1.0 0.8 0.4 0.3 0.2 0.5 0.9 1.2 1.1 0.8 0.3	change f  0.6 0.5 0.5 0.4  0.4 0.3 0.2 0.2 0.2 0.3 0.6 0.7	2.0 1.4 0.8 0.3 0.0 0.0 0.1 0.1 0.2 0.1 -0.2 -0.4	1.3 1.0 0.6 0.0 -0.4 -0.6 -0.4 0.0 0.4 0.6 0.5	1.7 1.5 1.0 0.6 0.3 0.3 0.2 0.2 0.1 -0.1 -0.3 -0.4	0.9 0.7 0.5 0.3 0.3 0.4 0.5 0.5 0.4 0.3
September October November December  2004 January February March April May June July August September	0.7 0.7 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.4 0.2	0.5 0.5 0.3 0.2 0.2 0.4 0.7 1.1 1.2 1.0 0.6 0.2 -0.2	0.9 1.0 0.8 0.4 0.3 0.2 0.5 0.9 1.2 1.1 0.8 0.3 -0.1	change f  0.6 0.5 0.5 0.4  0.4 0.3 0.2 0.2 0.2 0.2 0.3 0.6 0.7 0.8	2.0 1.4 0.8 0.3 0.0 0.0 0.1 0.1 0.2 0.1 -0.2 -0.4 -0.5	1.3 1.0 0.6 0.0 -0.4 -0.6 -0.4 0.0 0.4 0.6 0.5 0.3	1.7 1.5 1.0 0.6 0.3 0.3 0.2 0.2 0.1 -0.1 -0.3 -0.4	0.9 0.7 0.5 0.3 0.3 0.4 0.5 0.5 0.4 0.3 0.1
September October November December 2004 January February March April May June July August	0.7 0.7 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.4 0.2	0.5 0.5 0.3 0.2 0.2 0.4 0.7 1.1 1.2 1.0 0.6	0.9 1.0 0.8 0.4 0.3 0.2 0.5 0.9 1.2 1.1 0.8 0.3	change f  0.6 0.5 0.5 0.4  0.4 0.3 0.2 0.2 0.2 0.3 0.6 0.7	2.0 1.4 0.8 0.3 0.0 0.0 0.1 0.1 0.2 0.1 -0.2 -0.4	1.3 1.0 0.6 0.0 -0.4 -0.6 -0.4 0.0 0.4 0.6 0.5	1.7 1.5 1.0 0.6 0.3 0.3 0.2 0.2 0.1 -0.1 -0.3 -0.4	1.0 0.9 0.7 0.5 0.3 0.3 0.4 0.5 0.5 0.4 0.3 0.1 0.0 0.0

<sup>(</sup>a) See paragraph 5 of the Explanatory Notes.

						CLOTHING	G & SOFT					
	FOOD RE					GOOD RE	TAILING		HOUSEHO	LD GOOD F	RETAILING	
							Foot-					
	Super-						wear, fabric			Domestic	Domestic appliance	
	markets	Take-					& other		Furniture		аррпансе &	
	&	away	Other		Depart-		soft		& floor	& house-	recorded	
	grocery	food	food		ment	Clothing	good		covering	ware	music	
Month	stores	retailing	retailing	Total	stores	retailing	retailing	Total	retailing	retailing	retailing	Total
• • • • • • • • •												
					\$ 1	MILLION						
2003												
November	4 546.7	698.6	1 124.9	6 370.2	1 503.5	803.3	277.8	1 081.1	580.3	826.7	1 024.4	2 431.4
December	5 043.5		1 425.6		2 386.5	1 147.3		1 497.4	593.3	880.7	1 471.3	2 945.3
2004												
January	4 823.2	750.5	1 134.1	6 707.8	1 162.1	758.4	280.2	1 038.6	545.7	711.4	1 089.3	2 346.4
February	4 441.5		1 042.3		970.8	630.4	213.6	844.0	496.4	650.8	968.2	2 115.3
March	4 674.3		1 110.2		1 107.5	694.6	247.9	942.6	556.9	695.0	1 017.5	2 269.4
April	4 675.1	739.8	1 143.2		1 250.3	771.7		1 021.9	510.4	665.5	942.9	2 118.9
May	4 644.7			6 444.5	1 251.9	822.9		1 089.1	540.2	671.1	1 003.3	2 214.6
June July	4 510.6 4 776.1	701.7 760.8	1 076.4 1 103.5		1 355.0 1 276.4	821.4 768.7	266.7 280.9	1 088.0 1 049.6	571.0 583.3	662.8 709.5	1 098.6 1 074.0	2 332.4 2 366.8
July August	4 631.9	760.8	1 103.5		1 276.4	768.7 719.1	269.9	989.0	583.3 551.9	709.5 727.8	1 074.0	2 306.8
September	4 674.6	756.6	1 105.0	6 536.2	1 288.1	792.3		1 066.0	568.0	774.8	1 040.5	2 354.4
October	4 788.3			6 704.9	1 328.5	810.6		1 097.5	607.4	821.4	1 076.7	2 505.4
November	4 699.4	715.8	1 174.1	6 589.3	1 507.0	823.1	282.9	1 106.0	619.7	848.0	1 160.8	2 628.4
				% CH	ANGE FROM	/ PRFCF	DING	MONTH				
				70 0117	MAL THOM							
2003	0.0	0.5	4.0	4.0	40.4	0.0	0.4	0.4	0.0	4.0	4.0	
November	-2.2	-3.5	1.0	-1.8	16.4	3.3	-0.1	2.4	0.3	1.0	1.6	1.1
December 2004	10.9	9.8	26.7	13.6	58.7	42.8	26.1	38.5	2.2	6.5	43.6	21.1
January	-4.4	-2.2	-20.4	-7.3	-51.3	-33.9	-20.0	-30.6	-8.0	-19.2	-26.0	-20.3
February	-7.9	-10.2	-8.1	-8.2	-16.5	-16.9	-23.8	-18.7	-9.0	-8.5	-11.1	-9.8
March	5.2	3.2	6.5	5.2	14.1	10.2	16.1	11.7	12.2	6.8	5.1	7.3
April	0.0	6.3	3.0	1.2	12.9	11.1	0.9	8.4	-8.3	-4.2	-7.3	-6.6
May	-0.6	-2.5	-5.7	-1.7	0.1	6.6	6.4	6.6	5.8	0.8	6.4	4.5
June	-2.9	-2.7	-0.2	-2.4	8.2	-0.2	0.2	-0.1	5.7	-1.2	9.5	5.3
July	5.9	8.4	2.5	5.6	-5.8	-6.4	5.3	-3.5	2.2	7.0	-2.2	1.5
August	-3.0	-3.1	-1.2	-2.7	-10.4	-6.5	-3.9	-5.8	-5.4	2.6	-2.6	-1.7
September	0.9	2.6	1.3	1.2	12.7	10.2	1.4	7.8	2.9	6.5	-3.3	1.2
October November	2.4 -1.9	-0.4 -5.0	5.2 1.0	2.6 -1.7	3.1 13.4	2.3 1.5	4.8 -1.4	3.0 0.8	6.9 2.0	6.0 3.2	6.4 7.8	6.4 4.9
November	1.5	5.0	1.0	1.,	10.4	1.0	1.4	0.0	2.0	0.2	1.0	4.5
• • • • • • • • •	• • • • • •	0/ 0		EDOM :			4 O N.T.	OF DD5	VIOUS VE	A D	• • • • • • •	• • • • • •
		% CI	TANGE	FRUM (	CORRESPO	אטואט א	IONIH	OF PRE	VIUUS YE	AK		
2003												
November	4.1		2.2	4.3	2.3	4.0	1.2	3.2	9.7	12.6	1.5	7.0
December	7.5	11.1	4.5	7.3	3.7	6.2	3.1	5.4	10.5	8.6	5.3	7.3
2004	7 4	40.0	0.0	7 /	7 7	40.0	0.0	0.0	44.0	7.0	400	44.0
January	7.1		6.6	7.4	7.7	10.6	6.0	9.3	11.8	7.9	13.2	11.2
February March	9.5 5.9	18.6 10.8	9.0 8.2	10.3 6.8	10.0 3.4	13.1 3.1	4.0 4.1	10.7 3.3	12.1 14.1	10.9 5.8	15.9 15.2	13.4 11.9
April	8.5	11.3	11.7	9.3	3.4 4.4	5.1	0.2	3.9	2.1	6.2	13.3	8.2
May	4.0	5.7	6.6	4.6	3.4	9.2	2.3	7.4	1.1	4.2	7.2	4.7
June	10.5	5.8	11.4	10.1	11.6	14.8	5.7	12.5	2.1	3.3	12.0	6.9
July	8.1	8.2	5.4	7.6	10.4	9.5	11.1	9.9	2.4	3.6	8.4	5.4
August	5.0	5.8	4.1	5.0	5.9	7.2	15.0	9.2	1.3	0.0	9.4	4.3
September	8.7	11.0	3.8	8.1	9.6	10.2	9.6	10.0	1.9	-1.2	9.3	3.8
October	3.0	4.1	4.4	3.4	2.8	4.3	3.2	4.0	4.9	0.4	6.8	4.2
November	3.4	2.5	4.4	3.4	0.2	2.5	1.9	2.3	6.8	2.6	13.3	8.1

<sup>(</sup>a) See paragraph 5 of Explanatory Notes.

RECREATIONAL OTHER RETAILING HOSPITALITY & SERVICES GOOD RETAILING News-Other Pharmaceutical, Cafes paper, recre-Other book & ational cosmetic Hotels & 8 stationery goods & toiletry retailing licensed restau-Selected Total all retailing retailing retailing n.e.c. clubs rants industries Month \$ MILLION 2003 258.4 687.2 734.9 1 183.9 1 918.8 1 482.6 992.7 195.5 2 670.8 November 428.8 16 662.9 December 569.1 417.1 986.2 882.2 1693.5 2575.6 1 624.0 1 114.0 237.6 2 975.6 20 603.2 2004 January 415.6 226.6 642.3 640.8 943.9 1 584.7 1 446.0 991.1 205.5 2 642.6 16 124.5 February 401.4 193.4 594.8 621.2 922.1 1 543.3 1 311.4 949.1 183.6 2 444.1 14 670.3 March 434.9 220.1 654.9 703.4 965.7 1 669.1 1 418.0 1 026.1 190.2 2 634.3 15 758.3 April 404.5 205.6 610.2 685.6 903.3 1 588.9 1 435.6 986.7 205.8 2 628.1 15 776.3 715.0 949.9 1 665.0 1 407.5 202.8 2 590.3 Mav 418.9 194.5 613.4 980.0 15.868.6 June 409.3 210.1 619.4 710.4 934.9 1 645.3 1 397.2 919.0 197.8 2 514.0 ^212.4 July 437.5 658.4 723.5 957.1 1 680.6 1 466.2 969.0 2 647.6 220.9 16 319.8 August 429.2 201.0 630.2 731.6 974.0 1 705.6 1 415.7 963.8 ^ 195.7 2 575.2 15 829.7 September 428.0 215.0 643.0 747.1 1 029.8 1 776.8 1 391.7 1 010.3 ^201.3 2 603.3 16 267.8 ^ 220.3 October 415.2 223.5 638.7 744.8 1 070.2 1 814.9 1 494.9 997.7 2 712.8 16 803.0 967.1 ^ 211.9 2 618.7 November 432.6 235.5 668.1 760.3 1 121.3 1 881.6 1 439.7 16 999.1 % CHANGE FROM PRECEDING MONTH 2003 November 3.7 13.4 7.1 -0.77.3 4.1 -0.3-1.2-0.8 -0.71.5 December 32.7 61.4 43.5 20.0 43.0 34.2 9.5 12.2 21.6 11.4 23.6 2004 -27.0-45.7-34.9-27.4-44.3-38.5 -11.0-11.2-21.7January -11.0-13.5February -3.4-14.7-7.4-3.1-2.3-9.3-4.2-2.6-10.7-7.5-9.0March 8.3 13.8 10.1 13.2 4.7 8.1 8.1 8.1 3.6 7.8 7.4 -7.0-6.6 -6.8 -2.5 -6.5 -4.8 1.2 -3.8 8.2 -0.2 0.1 April Mav 3.5 -5.40.5 4.3 5.2 4.8 -2.0-0.7-1.5-1.40.6 June -2.38.1 1.0 -0.6 -1.6 -1.2 -0.7-6.2 -2.5 -2.9-0.2 6.9 2.4 5.4 7.4 July 5.1 6.3 1.8 2.1 4.9 5.3 3.0 August -1.9 -9.0 -4.3 1.1 1.8 1.5 -3.4-0.5 -7.9 -2.7-3.0 September -0.3 7.0 2.0 2.1 5.7 -1.74.8 2.9 2.8 4.2 1.1 October -3.04.0 -0.7-0.3 3.9 2.1 7.4 -1.29.4 4.2 3.3 November 4.2 5.4 4.6 2.1 4.8 3.7 -3.7-3.5 1.2 -3.1-3.8% CHANGE FROM CORRESPONDING MONTH OF PREVIOUS YEAR 2003 5.5 23.9 9.8 9.4 20.9 -0.412.6 7.1 November 16.8 12.3 14.8 December 19.1 4.2 12.3 24.8 9.3 14.2 8.4 21.6 6.8 12.8 2004 10.1 6.3 8.7 11.4 6.9 8.6 5.9 20.5 1.7 10.6 8.8 January February 11.7 14.6 11.2 13.5 16.0 9.6 7.2 26.7 13.9 12.1 6.3 March 19.2 17.2 18.5 20.1 9.9 14.0 4.4 23.5 2.1 10.9 8.9 April 20.1 1.9 13.3 12.9 0.1 5.3 7.0 22.2 20.0 13.2 8.7 15.3 May 16.3 -0.410.4 10.0 -1.23.4 3.8 11.9 8.5 5.4 June 18.6 7.1 14.4 15.5 3.6 8.4 6.7 18.5 19.5 11.7 10.1 July 7.6 5.7 9.0 8.1 6.5 8.2 1.2 4.1 11.7 8.1 7.4 August 1.8 -1.10.9 9.7 0.0 4.0 -1.16.2 0.1 1.6 4.4 September 4.5 4.4 4.4 11.8 1.5 5.6 0.6 12.7 7.6 5.5 6.9 October 0.4 -1.9-0.40.6 -3.0-1.50.5 -0.711.9 0.9 2.4

-8.8

-2.8

0.9

3.4

-5.3

November

-2.9

8.4

-2.6

-2.0

-1.9

estimate has a relative standard error of 10% to less than 25% and should be used with caution

<sup>(</sup>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
			ORI	GINAL (\$	million)				
2003									
September	5 261.5	3 587.3	3 035.7	1 098.9	1 466.7	315.9	157.2	300.3	15 223.5
October	5 611.9	3 921.9	3 266.3	1 211.9	1 588.5	343.9	162.8	305.6	16 412.9
November	5 729.5	3 992.9	3 266.9	1 229.4	1 616.7	352.2	156.6	318.7	16 662.9
December	7 025.1	5 021.7	4 023.6	1 514.6	2 012.7	442.4	172.3	390.9	20 603.2
2004									
January	5 436.5	3 858.8	3 254.3	1 194.0	1 598.3	349.7	139.8	293.3	16 124.5
February	4 944.9	3 606.3	2 881.7	1 069.3	1 437.7	317.6	134.1	278.6	14 670.3
March	5 310.1	3 900.2	3 052.7	1 174.6	1 539.5	340.4	143.3	297.5	15 758.3
April	5 357.6	3 798.0	3 088.2	1 178.1	1 567.5	342.4	150.7	293.6	15 776.3
May	5 442.6	3 782.7	3 129.0	1 163.6	1 560.8	330.4	158.9	300.6	15 868.6
June	5 350.5	3 764.1	3 197.9	1 163.3	1 560.0	334.5	170.7	301.8	15 842.8
July	5 514.5	3 865.0	3 286.0	1 198.4	1 628.1	343.5	179.1	305.3	16 319.8
August	5 337.1	3 779.4	3 214.6	1 142.2	1 564.5	322.2	174.5	295.2	15 829.7
September	5 473.3	3 863.4	3 319.6	1 178.0	1 626.3	336.3	173.2	297.7	16 267.8
October	5 681.5	4 044.3	3 332.2	1 229.1	1 682.0	351.9	170.3	311.7	16 803.0
November	5 762.2	4 093.1	3 334.3	1 252.5	1 721.5	359.1	161.9	314.5	16 999.1
• • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •
			SEASONAL	LY ADJUS	TED (\$ m	illion)			
2003									
September	5 390.2	3 761.8	3 093.9	1 149.1	1 538.0	335.8	152.6	312.9	15 734.3
October	5 452.8	3 823.6	3 163.4	1 176.0	1 545.4	337.7	154.1	301.5	15 954.4
November	5 567.3	3 887.5	3 201.6	1 185.8	1 558.6	342.2	156.4	308.0	16 207.4
December	5 437.9	3 816.0	3 169.7	1 180.0	1 560.6	339.7	155.4	306.1	15 965.2
2004									
January	5 481.3	3 915.4	3 207.1	1 197.1	1 580.5	345.4	155.7	306.7	16 189.2
February	5 465.5	3 947.8	3 207.6	1 190.1	1 572.1	341.5	156.7	306.0	16 187.2
March	5 508.8	3 964.0	3 203.8	1 201.7	1 590.7	343.9	154.7	304.6	16 272.2
April	5 518.0	3 923.2	3 219.2	1 198.4	1 612.7	344.6	158.6	303.4	16 278.0
May	5 558.5	3 922.3	3 264.9	1 201.9	1 617.9	346.4	160.7	303.6	16 376.0
June	5 688.0	3 958.8	3 316.4	1 222.0	1 647.6	354.1	167.4	312.2	16 666.6
July	5 598.7	3 932.3	3 290.8	1 211.8	1 650.6	352.5	161.9	304.2	16 502.8
August	5 548.6	3 975.8	3 313.9	1 208.3	1 647.6	348.1	162.2	305.9	16 510.3
September October	5 580.9	4 020.8	3 334.7	1 215.7	1 690.7 1 649.7	351.9	165.2	308.6	16 668.5
November	5 568.5 5 571.0	3 982.3 3 976.6	3 266.1 3 274.4	1 207.2 1 210.5	1 649.7	350.8 348.9	162.8 162.8	307.2 305.9	16 494.7 16 513.1
November	3 37 1.0	3 310.0	3 21 4.4	1 210.0	1 000.2	0-0.5	102.0	505.5	10 010.1
• • • • • • • • • • •	• • • • • • •	• • • • • • •	TDEND I	ESTIMATE:	c (¢ milli	· · · · · · · · · · · · · · · · · · ·	• • • • • • •	• • • • • • •	
			IKLND	LSTIMATE	<b>3</b> (φ IIIIII)	1011)			
2003									
September	5 408.1	3 779.8	3 100.1	1 159.5	1 542.8	334.5	153.4	308.3	15 786.5
October	5 448.1	3 812.7	3 142.9	1 167.8	1 550.1	338.2	154.4	307.4	15 921.5
November	5 473.3	3 846.6	3 173.3	1 177.1	1 556.3	340.6	155.0	306.8	16 029.0
December	5 481.9	3 878.6	3 190.2	1 185.2	1 562.9	341.8	155.3	306.1	16 102.1
2004									
January	5 484.7	3 905.5	3 199.5	1 191.1	1 571.3	342.5	155.6	305.6	16 155.7
February	5 493.3	3 924.9	3 208.2	1 195.4	1 582.2	343.3	156.3	305.2	16 208.7
March	5 513.2	3 934.8	3 220.2	1 199.0	1 594.4	344.6	157.5	305.2	16 269.0
April	5 542.1	3 939.8	3 239.7	1 203.0	1 608.5	346.2	159.1	305.3	16 343.7
May	5 572.1 5 591.8	3 944.0	3 264.1	1 207.1 1 210.1	1 623.9	348.1	160.9	305.6	16 425.8
June July	5 591.8 5 596.3	3 949.5	3 285.8		1 638.1	349.7 350.7	162.4 163.3	306.2 306.7	16 493.6
July August	5 596.3 5 591.0	3 958.5 3 970.9	3 299.7 3 304.9	1 211.8 1 212.2	1 649.4 1 657.3	350.7 351.0	163.3	306.7 307.0	16 536.2 16 557.9
September	5 582.4	3 970.9	3 304.9	1 212.2	1 662.9	350.9	163.7	307.0	16 564.2
October	5 574.1	3 990.2	3 298.7	1 212.0	1 667.0	350.9	163.7	307.1	16 563.5
November	5 562.6	3 994.8	3 289.3	1 211.5	1 669.8	350.0	163.2	306.8	16 549.8
INOVOLLIDOL	0 002.0	0 007.0	0 200.0	1 210.0	1 303.0	000.1	100.2	550.0	10 0-0.0



## RETAIL TURNOVER PERCENTAGE CHANGE, By state

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Wollen		77000710	Quoonolana	, lada ana	71000 4774	raorrama			7 to ot and
• • • • • • • • • • •	• • • • • •	ΛP	IGINAL (%	ohango fi	rom proof	ding mon	+ h \	• • • • • • • •	• • • • • • •
		UK	IGINAL (%	change in	rom prece	eurng mon	(II)		
2003				0 =					
September	1.1	-0.2	1.4	-0.5	-1.4	1.2	-6.1	-1.0	0.4
October November	6.7 2.1	9.3 1.8	7.6 0.0	10.3 1.4	8.3 1.8	8.9 2.4	3.6 -3.9	1.8 4.3	7.8 1.5
December	22.6	25.8	23.2	23.2	24.5	25.6	-3.9 10.0	4.3 22.6	23.6
2004	22.0	25.6	23.2	23.2	24.5	25.0	10.0	22.0	23.0
January	-22.6	-23.2	-19.1	-21.2	-20.6	-21.0	-18.9	-25.0	-21.7
February	-9.0	-6.5	-11.4	-10.4	-10.0	-9.2	-4.0	-5.0	-9.0
March	7.4	8.1	5.9	9.8	7.1	7.2	6.8	6.8	7.4
April	0.9	-2.6	1.2	0.3	1.8	0.6	5.2	-1.3	0.1
May	1.6	-0.4	1.3	-1.2	-0.4	-3.5	5.4	2.4	0.6
June	-1.7	-0.5	2.2	0.0	0.0	1.2	7.4	0.4	-0.2
July	3.1	2.7	2.8	3.0	4.4	2.7	4.9	1.2	3.0
August	-3.2	-2.2	-2.2	-4.7	-3.9	-6.2	-2.5	-3.3	-3.0
September	2.6	2.2	3.3	3.1	4.0	4.4	-0.7	0.9	2.8
October	3.8	4.7	0.4	4.3	3.4	4.6	-1.7	4.7	3.3
November	1.4	1.2	0.1	1.9	2.4	2.1	-5.0	0.9	1.2
	S	FASONAL	LY ADJUS	TFD (% ch	ange froi	m precedi	ng month)		
	Ü	LACOTARE	iei nosco		ango no	просси			
2003									
September	0.4	0.7	1.8	0.3	-0.3	1.5	-0.1	1.0	0.7
October	1.2	1.6	2.2	2.3	0.5	0.6	1.0	-3.7	1.4
November	2.1	1.7	1.2	0.8	0.9	1.3	1.5	2.2	1.6
December	-2.3	-1.8	-1.0	-0.5	0.1	-0.7	-0.7	-0.6	-1.5
2004	0.8	2.6	1.2	1.5	1.3	1.7	0.2	0.2	1.4
January February	-0.3	0.8	0.0	-0.6	-0.5	-1.1	0.2	-0.2	0.0
March	-0.3 0.8	0.8	-0.1	1.0	-0.5 1.2	0.7	-1.3	-0.2 -0.4	0.0
April	0.2	-1.0	0.5	-0.3	1.4	0.2	2.5	-0.4	0.0
May	0.2	0.0	1.4	0.3	0.3	0.5	1.3	0.1	0.6
June	2.3	0.9	1.6	1.7	1.8	2.2	4.2	2.9	1.8
July	-1.6	-0.7	-0.8	-0.8	0.2	-0.5	-3.3	-2.6	-1.0
August	-0.9	1.1	0.7	-0.3	-0.2	-1.2	0.2	0.5	0.0
September	0.6	1.1	0.6	0.6	2.6	1.1	1.9	0.9	1.0
October	-0.2	-1.0	-2.1	-0.7	-2.4	-0.3	-1.5	-0.4	-1.0
November	0.0	-0.1	0.3	0.3	0.8	-0.5	0.0	-0.4	0.1
• • • • • • • • • • •	• • • • • • •	TDEND		· · · · · · · · · · · · · · · · · · ·	a from				• • • • • • •
		IKEND	ESTIMATES	5 (% chan	ge irom	preceding	month)		
2003									
September	0.9	8.0	1.6	0.5	0.6	1.4	0.8	-0.3	1.0
October	0.7	0.9	1.4	0.7	0.5	1.1	0.6	-0.3	0.9
November	0.5	0.9	1.0	0.8	0.4	0.7	0.4	-0.2	0.7
December	0.2	0.8	0.5	0.7	0.4	0.4	0.2	-0.2	0.5
2004									
January	0.0	0.7	0.3	0.5	0.5	0.2	0.2	-0.2	0.3
February	0.2	0.5	0.3	0.4	0.7	0.2	0.5	-0.1	0.3
March	0.4	0.3	0.4	0.3	0.8	0.4	0.8	0.0	0.4
April	0.5	0.1	0.6	0.3	0.9	0.5	1.0	0.0	0.5
May	0.5	0.1	0.8	0.3	1.0	0.5	1.1	0.1	0.5
June	0.4	0.1	0.7	0.2	0.9	0.5	0.9	0.2	0.4
July	0.1	0.2	0.4	0.1	0.7	0.3	0.5	0.2	0.3
August	-0.1	0.3	0.2	0.0	0.5	0.1	0.2	0.1	0.1
September	-0.2	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0
October	-0.1	0.2	-0.1	0.0	0.2	-0.1	-0.1	0.0	0.0
November	-0.2	0.1	-0.3	-0.1	0.2	-0.1	-0.2	-0.1	-0.1

	Food	Department	Clothing and soft good	Household good	Recreational good	Other	Hospitality and	
Month	retailing	stores	retailing	retailing	retailing	retailing	services	Total
• • • • • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • •		• • • • • • • • •	• • • • • • • • •	• • • • • • • • • •	• • • • • • • •
			ORIG	INAL (\$ r	million)			
2003								
September	1 971.7	412.9	340.6	709.5	^ 222.2	597.3	1 007.4	5 261.5
October	2 123.9	442.1	367.1	763.7	^ 216.0	638.8	1 060.3	5 611.9
November	2 097.1	517.9	387.3	759.0	239.8	669.0	1 059.4	5 729.5
December	2 369.4	829.9	552.6	923.2	317.2	864.1	1 168.8	7 025.1
2004								
January	2 188.7	401.0	374.8	704.4	^ 198.9	533.2	1 035.5	5 436.5
February	2 001.5	331.7	299.6	633.3	195.0 227.3	516.3	967.5	4 944.9
March	2 098.6	376.0	332.5	677.5		554.2	1 043.9	5 310.1
April	2 126.6	424.7 435.5	353.9 393.9	635.2 679.4	194.6 203.7	518.6 558.6	1 103.9	5 357.6 5 442.6
May	2 106.0						1 065.5	
June	2 032.4 2 148.5	462.0 430.7	380.9 353.3	707.1 744.4	199.5 214.2	533.1 535.5	1 035.6 1 087.9	5 350.5 5 514.5
July August	2 148.5	392.5	328.8	705.9	214.2	542.8	1 057.9	5 337.1
September	2 103.5	443.4	366.3	705.9	205.2	564.8	1 050.4	5 473.3
October	2 127.9	452.9	378.5	768.8	203.4	567.1	1 116.7	5 681.5
November	2 164.7	525.2	389.9	822.1	215.9	580.8	1 063.5	5 762.2
November	2 10-11	323.2	303.3	022.1	213.5	300.0	1 000.0	3 102.2
• • • • • • • • • •	• • • • • • •	C.		V ADILICT	ED (\$ milli	ion)	• • • • • • • • • • •	• • • • • • • •
		36	ASUNALL	I ADJUST	ED (\$ IIIIIII	011)		
2003								
September	2 028.4	441.2	357.6	717.7	222.8	606.7	1 015.8	5 390.2
October	2 056.5	447.1	361.7	730.8	222.7	614.0	1 020.1	5 452.8
November	2 093.9	452.4	373.3	726.6	233.9	625.6	1 061.6	5 567.3
December 2004	2 075.4	433.7	365.3	705.1	227.5	582.9	1 048.1	5 437.9
	2 103.6	454.4	378.5	715.3	212.9	591.6	1 025.0	5 481.3
January February	2 103.6	454.4 456.8	369.8	713.5	212.9	577.4	1 025.0	5 465.5
March	2 114.4	450.5	363.6	714.5	219.9	589.9	1 052.1	5 508.8
April	2 131.9	452.5	367.6	698.2	212.8	559.6	1 095.5	5 518.0
May	2 148.8	452.3	382.2	716.3	218.6	572.4	1 067.7	5 558.5
June	2 173.6	480.1	389.3	725.8	216.5	588.4	1 114.3	5 688.0
July	2 152.3	472.4	375.6	741.6	212.9	569.1	1 074.8	5 598.7
August	2 161.0	469.9	374.4	719.0	205.4	557.4	1 061.5	5 548.6
September	2 163.7	473.1	381.8	737.4	207.1	565.0	1 052.9	5 580.9
October	2 141.3	458.3	372.3	748.0	214.2	558.0	1 076.3	5 568.5
November	2 165.5	458.4	378.3	761.6	203.6	537.9	1 065.6	5 571.0
							• • • • • • • • • •	
			TREND ES	STIMATES	(\$ million	)		
2003								
September	2 040.4	439.7	358.3	717.4	224.4	605.9	1 020.5	5 408.1
October	2 058.4	443.2	363.3	720.1	226.7	606.9	1 029.5	5 448.1
November	2 073.4	446.1	367.1	720.2	226.3	605.0	1 035.7	5 473.3
December	2 085.3	447.7	369.1	717.7	223.8	599.3	1 039.3	5 481.9
2004				•				
January	2 096.3	449.0	370.1	713.5	220.9	591.4	1 043.6	5 484.7
February	2 108.2	450.5	370.8	710.1	218.6	583.7	1 051.3	5 493.3
March	2 120.7	453.3	372.0	709.5	217.1	578.2	1 062.4	5 513.2
April	2 134.0	457.6	374.1	711.7	215.9	575.4	1 073.3	5 542.1
May	2 146.5	462.7	376.5	715.8	215.1	574.3	1 081.3	5 572.1
June	2 155.1	466.9	378.5	721.1	214.1	572.8	1 083.5	5 591.8
July	2 133.1				0400	ECO C		
,	2 159.0	469.3	379.3	727.3	212.3	569.6	1 079.4	5 596.3
August		469.8	379.3 378.9	734.0	210.5	565.2	1 073.1	5 591.0
August September	2 159.0 2 159.7 2 159.1	469.8 468.2	378.9 377.9	734.0 740.5	210.5 208.9	565.2 559.8	1 073.1 1 068.0	5 591.0 5 582.4
August	2 159.0 2 159.7	469.8	378.9	734.0	210.5	565.2	1 073.1	5 591.0

estimate has a relative standard error of 10% to less than 25%
 (a) See paragraph 5 of the Explanatory Notes. and should be used with caution

			Clothing and	Household	Recreational		Hospitality	
Month	Food retailing	Department stores	soft good retailing	good retailing	good retailing	Other retailing	and services	Total
Wollen			8					
• • • • • • • • • • •	• • • • • • •	• • • • • • • • • •	ADICI	NAL (\$ m	villion)			• • • • • • • •
			ORIGI	INAL (\$ II	11111011)			
2003	4 400 0	070.0	222 =	4	400.0	400.4	4500	0.505.0
September	1 482.6	278.0	232.7	575.4	129.3	432.4	456.9	3 587.3
October	1 568.5	317.4	263.1	601.4	142.4	509.0	520.2	3 921.9
November	1 554.5	370.5	272.9	604.0	154.3	515.5	521.2	3 992.9
December 2004	1 761.6	600.2	370.9	756.0	240.6	707.2	585.3	5 021.7
January	1 643.9	276.0	243.1	610.1	149.5	411.4	524.9	3 858.8
February	1 534.2	239.9	220.7	565.8	132.4	425.7	487.7	3 606.3
March	1 610.2	277.7	247.3	596.9	147.5	468.0	552.7	3 900.2
April	1 598.5	317.3	278.0	546.3	136.2	416.1	505.6	3 798.0
May	1 574.4	306.7	287.4	552.3	127.9	429.6	504.5	3 782.7
June	1 528.7	338.0	^ 273.8	576.7	^ 131.6	429.6	485.7	3 764.1
July	1 593.8	310.8	275.1	571.8	140.2	446.2	527.1	3 865.0
August	1 553.7	273.6	266.3	593.4	137.7	449.5	505.2	3 779.4
September	1 578.0	304.1	^ 264.3	592.6	143.2	462.4	518.8	3 863.4
October	1 639.3	320.5	280.0	643.6	^ 139.7	481.6	539.7	4 044.3
November	1 620.3	361.7	277.3	663.1	^ 142.7	498.6	529.4	4 093.1
• • • • • • • • • • •	• • • • • •	0.5						• • • • • • • •
		SEA	ASONALLY	ADJUSTE	ED (\$ milli	on)		
2003								
September	1 538.0	312.8	250.1	590.6	137.0	452.9	480.4	3 761.8
October	1 526.5	327.8	257.2	587.4	145.4	476.9	502.3	3 823.6
November	1 555.6	327.1	263.0	579.9	152.8	481.1	528.0	3 887.5
December	1 531.7	311.6	259.3	583.0	148.7	471.8	509.9	3 816.0
2004								
January	1 588.7	318.3	265.5	608.4	145.4	465.3	523.8	3 915.4
February	1 604.6	326.4	273.9	607.6	150.3	468.6	516.4	3 947.8
March	1 595.0	321.2	257.3	620.8	153.9	488.3	527.7	3 964.0
April	1 614.1	328.7	268.9	590.9	150.0	456.8	513.7	3 923.2
May	1 614.3	323.1	274.0	583.6	142.0	461.5	523.7	3 922.3
June	1 621.8	332.7	278.6	583.2	144.4	476.2	521.8	3 958.8
July	1 592.2	340.2	286.9	590.4	145.6	470.2	506.8	3 932.3
August	1 604.3	335.7	293.4	615.1	146.7	464.2	516.4	3 975.8
September	1 624.1	344.2	282.1	615.3	151.2	470.2	533.7	4 020.8
October	1 612.1	328.9	276.0	625.7	144.9	463.3	531.4	3 982.3
November	1 619.7	320.3	267.0	631.6	140.0	465.6	532.5	3 976.6
		• • • • • • • • •						
		•	TREND ES	TIMATES	(\$ million)	)		
2003								
September	1 534.0	319.5	252.4	588.2	140.7	457.8	488.7	3 779.8
October	1 541.0	320.3	252.4	586.7	143.2	468.0	500.9	3 812.7
November	1 551.6	320.3	259.2	588.8	146.4	473.6	510.9	3 846.6
December	1 564.9	320.8	262.2	594.2	149.0	475.2	517.6	3 878.6
2004	1 304.3	320.0	202.2	334.2	145.0	413.2	317.0	3 070.0
January	1 579.8	320.8	264.1	599.8	150.3	474.0	521.2	3 905.5
February	1 594.0	321.5	265.4	602.5	150.2	472.1	522.4	3 924.9
March	1 604.3	323.0	267.2	601.1	149.1	470.1	521.4	3 934.8
April	1 609.8	325.8	270.5	597.2	147.8	469.0	519.6	3 939.8
May	1 611.3	329.8	275.3	593.2	146.9	468.7	518.2	3 944.0
June	1 610.8	333.2	279.9	592.5	146.4	468.4	517.9	3 949.5
July	1 610.2	335.2	283.0	597.0	146.1	468.0	519.0	3 958.5
August	1 610.9	335.8	283.7	605.3	146.0	467.6	521.6	3 970.9
September	1 612.4	334.8	282.2	614.5	145.9	467.2	525.1	3 981.9
October	1 614.2	332.7	279.3	623.1	145.4	466.8	528.8	3 990.2
November	1 616.3	330.3	275.9	630.3	144.9	465.5	531.6	3 994.8

<sup>^</sup> estimate has a relative standard error of 10% to less than (a) See paragraph 5 of the Explanatory Notes. 25% and should be used with caution

			Clothing and	Household	Recreational	0.1	Hospitality	
Month	Food retailing	Department stores	soft good retailing	good retailing	good retailing	Other retailing	and services	Total
WOITEN	70.018	0.0700	7014111118	70141111119	70.000	70141111116	00111000	7000.
• • • • • • • • • • •	• • • • • • •	• • • • • • • •	OBICI	NAL (\$ m	villion)	• • • • • • • • •		
			ORIGI	INAL (\$ II	11111011)			
2003	4 400 0	2422	222.4	450.0		040 =	400 =	
September	1 198.9	216.8	230.1	450.8	^ 126.6	312.7	499.7	3 035.7
October	1 297.7	229.6	237.8	455.1	^ 137.7	331.1	577.3	3 266.3
November	1 247.9	261.2	226.8	471.2	^ 140.1	351.9	567.8	3 266.9
December 2004	1 417.5	415.9	316.0	553.7	^ 198.3	481.2	641.1	4 023.6
January	1 349.1	212.5	233.8	449.4	^ 137.5	302.1	569.9	3 254.3
February	1 217.9	170.4	233.6 172.6	413.5	^ 119.8	279.9	509.9	2 881.7
March	1 280.2	190.4	188.5	443.2	^ 125.1	303.2	522.2	3 052.7
April	1 303.6	213.1	202.6	414.7	^ 130.2	313.5	510.4	3 032.7
May	1 273.1	213.1	202.6	437.5	^ 134.7	331.3	520.9	3 129.0
June	1 266.5	241.8	238.9	461.2	^ 139.1	341.6	508.7	3 197.9
July	1 341.4	233.2	233.8	461.7	^ 147.4	348.2	520.3	3 286.0
August	1 302.3	212.0	216.4	456.9	^ 136.7	368.3	522.0	3 214.6
September	1 304.3	245.7	246.8	467.7	138.3	387.2	529.6	3 319.6
October	1 312.0	247.6	243.6	476.7	^ 140.3	376.6	535.3	3 332.2
November	1 259.4	273.3	243.5	511.6	^ 143.5	391.5	511.5	3 334.3
November	1 200.1	210.0	2 10.0	011.0	110.0	001.0	011.0	0 00 1.0
• • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • •	• • • • • • • • •
		SE	ASONALLY	ADJUSTE	ED (\$ milli	on)		
2003								
September	1 231.2	224.1	220.7	452.8	129.2	329.9	506.1	3 093.9
October	1 258.8	229.8	222.3	444.9	133.1	323.5	551.0	3 163.4
November	1 276.9	230.3	221.4	451.3	138.6	332.7	550.4	3 201.6
December	1 274.6	222.4	215.2	436.4	141.6	328.3	551.2	3 169.7
2004								
January	1 295.9	230.6	218.6	447.8	131.2	323.7	559.4	3 207.1
February	1 301.3	235.0	218.8	449.7	132.4	320.3	550.0	3 207.6
March	1 283.6	232.6	219.9	459.6	135.2	326.6	546.3	3 203.8
April	1 298.6	233.5	220.1	459.5	140.5	339.4	527.7	3 219.2
May	1 297.4	237.3	229.1	463.8	150.2	343.8	543.3	3 264.9
June	1 318.0	243.6	249.7	469.4	151.5	350.3	533.9	3 316.4
July	1 317.3	248.2	237.5	462.1	148.0	364.4	513.4	3 290.8
August	1 325.6	249.2	237.9	458.6	138.2	379.8	524.7	3 313.9
September	1 316.9	250.1	236.1	469.5	140.4	392.5	529.2	3 334.7
October	1 288.0	247.7	230.9	474.1	139.6	375.4	510.3	3 266.1
November	1 293.3	244.6	234.4	482.8	137.8	377.8	503.8	3 274.4
			TREND ES	TIMATES	(\$ million	)		
			20		(+	,		
2003	4 00= 0	200.0	0400			205.0	504.0	0.400.4
September	1 235.2	223.9	219.2	444.0	130.7	325.9	521.6	3 100.1
October	1 253.4	226.2	219.7	446.8	133.7	327.3	535.8	3 142.9
November	1 268.6	227.8	219.4	447.1	135.2	327.2	546.8	3 173.3
December	1 278.9	229.0	218.3	447.0	135.4	326.1	552.9	3 190.2
2004	4.004.0	000.0	047.7	440.0	405.5	005.0	5540	0.400 5
January	1 284.8	230.0	217.7	448.3	135.5	325.3	554.0	3 199.5
February	1 288.6	231.3	218.6	451.5	136.5	326.0	551.3	3 208.2
March	1 292.2	233.2	221.6	455.8	138.8	329.0	545.7	3 220.2
April	1 297.9	236.0	226.4	459.8	142.0	335.3	539.6	3 239.7
May	1 305.3	239.5	231.7	462.3	144.9	344.7	534.5	3 264.1
June	1 311.6	242.9	235.8	463.6	146.4	355.5	530.1	3 285.8
July	1 314.7	245.6	237.8	464.7	145.7	365.4	526.3	3 299.7
August	1 313.9	247.6	237.9	466.6	143.7	373.2	522.4	3 304.9
September October	1 310.1	248.5	236.9	469.4	141.4	379.1	518.2	3 303.5
November	1 304.9 1 299.5	248.8 248.4	235.5	472.7 475.9	139.3 137.3	383.0 385.4	514.1 509.6	3 298.7 3 289.3
NOVEITIBEL	1 299.0	240.4	233.6	410.9	131.3	300.4	509.0	3 209.3

<sup>^</sup> estimate has a relative standard error of 10% to less than (a) See paragraph 5 of the Explanatory Notes. 25% and should be used with caution



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

			Clothing and	Household	Recreational		Hospitality	
Month	Food retailing	Department stores	soft good retailing	good retailing	good retailing	Other retailing	and services	Total
			ORIG	GINAL (\$ r	million)			
2003				(+ .	,			
September	438.0	94.0	49.9	168.8	^ 29.2	121.7	197.3	1 098.9
October	483.8	108.1	62.4	180.6	^ 33.2	131.2	212.5	1 211.9
November	472.6	128.3	64.6	183.3	35.5	139.3	205.8	1 229.4
December	533.8	192.8	81.0	226.2	58.2	184.1	238.3	1 514.6
2004								
January	491.0	99.1	59.3	185.8	35.3	113.6	209.9	1 194.0
February	447.9	81.9	45.8	163.0	32.3	106.2	192.2	1 069.3
March	480.4	95.1	56.8	178.2	37.7	117.1	209.1	1 174.6
April	487.8	106.6	62.3	166.5	^ 38.2	113.4	203.2	1 178.1
May	476.2	105.5	62.3	166.5	35.5	116.4	201.3	1 163.6
June	463.0	112.6	^ 63.5	180.6	^ 36.2	116.6	190.8	1 163.3
July	501.0	108.9	^ 60.8	178.1	^ 39.2	114.4	196.1	1 198.4
August	476.7	96.4	^ 57.4	171.2	^ 35.7	115.7	189.2	1 142.2
September	487.7	104.0	^ 63.2	172.2	^ 36.0	118.4	196.4	1 178.0
October November	507.8	110.7	62.1 58.9	186.8	^ 37.5 ^ 42.0	120.8 134.9	203.4	1 229.1
November	502.8	123.0	58.9	196.7	42.0	134.9	194.2	1 252.5
• • • • • • • • • •	• • • • • •	• • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • •	• • • • • • • • •	• • • • • • • • •
		SE	ASONALL	Y ADJUST	ED (\$ milli	ion)		
2003								
September	455.5	107.5	55.6	174.2	32.0	124.1	200.2	1 149.1
October	466.5	111.6	59.2	173.4	33.4	128.9	203.0	1 176.0
November	470.2	110.2	61.2	175.7	34.5	131.0	203.0	1 185.8
December	467.3	105.8	59.1	176.0	36.2	133.6	201.9	1 180.0
2004								
January	477.3	110.5	60.5	185.1	36.3	123.7	203.7	1 197.1
February	479.6	112.2	58.0	182.2	35.6	120.5	202.0	1 190.1
March	481.5	109.1	59.7	185.7	37.1	122.1	206.5	1 201.7
April	482.6	111.7	60.7	179.4	40.1	117.3	206.7	1 198.4
May	484.1	110.9	60.8	175.4	39.7	118.4	212.5	1 201.9
June July	493.1 496.7	114.1 113.4	63.3 62.1	180.7 179.9	40.7 40.7	122.2 119.4	208.0 199.7	1 222.0 1 211.8
August	493.2	116.0	66.6	179.9	39.5	121.5	199.7	1 208.3
September	495.6	115.4	66.3	183.4	38.8	119.5	196.7	1 215.7
October	498.1	113.7	59.7	180.7	39.8	120.8	194.4	1 207.2
November	502.0	109.0	58.3	183.4	40.1	124.8	193.0	1 210.5
• • • • • • • • • •	• • • • • • •	• • • • • • • • • • •	TDEND E	CTIMATEC	(\$ million	\	• • • • • • • • •	• • • • • • • • • •
			IKLNU L	SIIWAILS	(\$ 1111111011	)		
2003								
September	460.9	108.2	56.8	173.2	33.0	126.9	200.4	1 159.5
October	463.5	108.7	57.9	174.9	33.6	127.7	201.6	1 167.8
November	467.2	109.1	58.9	177.0	34.3	128.3	202.3	1 177.1
December 2004	471.3	109.5	59.6	179.1	35.1	127.9	202.8	1 185.2
January	474.9	109.8	59.8	180.9	36.0	126.1	203.6	1 191.1
February	474.9	110.1	59.6 59.7	182.0	37.0	123.4	205.0	1 191.1
March	481.2	110.1	59.8	182.0	38.0	121.0	206.5	1 199.0
April	484.3	111.3	60.4	181.0	38.9	119.6	207.4	1 203.0
May	487.5	112.4	61.6	179.6	39.7	119.1	207.2	1 207.1
June	490.3	113.3	62.9	178.7	40.1	119.5	205.5	1 210.1
July	492.8	114.0	63.6	178.6	40.1	120.1	202.6	1 211.8
August	495.1	114.3	63.7	179.3	39.9	120.6	199.4	1 212.2
September	497.1	114.0	63.2	180.2	39.8	121.2	196.6	1 212.0
October	498.8	113.4	62.3	181.2	39.6	121.8	194.3	1 211.5
November	500.1	112.6	61.3	182.2	39.6	122.4	192.3	1 210.5

estimate has a relative standard error of 10% to less than 25% (a) See paragraph 5 of the Explanatory Notes. and should be used with caution



			Clothing and	Household	Recreational		Hospitality	
	Food	Department	soft good	good	good	Other	and	<b>.</b>
Month	retailing	stores	retailing	retailing	retailing	retailing	services	Total
• • • • • • • • • •	• • • • • •	• • • • • • • • •	OBLO	GINAL (\$ r	million)	• • • • • • • • •	• • • • • • • • • •	• • • • • • • •
0000			ORIG	JINAL (DI	111111011)			
2003	C44.0	4440	77.4	024.0	A CO A	400 7	100.1	4 400 7
September	644.8	114.8	77.4	231.9	^ 69.0 ^ 73.0	136.7	192.1	1 466.7
October	675.6	130.7	84.1	266.9	^ 73.9 ^ 78.0	^ 148.2	209.0	1 588.5
November	670.2	150.1	87.2	270.5	^ 78.9	^ 152.5	207.3	1 616.7
December 2004	792.9	229.8	118.2	313.8	^ 115.5	^ 217.2	225.4	2 012.7
	698.0	115.0	87.8	265.1	^ 84.7	142.4	205.2	1 598.3
January	643.4	96.2	69.2	205.1	^ 76.4	139.9	205.2 190.5	1 437.7
February March		109.3	78.2	242.0	^ 79.6	145.8	203.3	1 539.5
	681.3							
April	707.9 683.2	124.5 126.3	83.1 84.7	233.6	^ 73.8 ^ 74.5	144.5	200.0 192.9	1 567.5
May				251.1		148.0		1 560.8
June	667.9	131.3	85.6	268.9	^ 75.3	145.5	185.5	1 560.0
July	705.4	128.4	84.3	276.5	^ 76.0	154.8	202.7	1 628.1
August	688.0	111.8	79.1	263.7	^ 76.0	149.3	196.5	1 564.5
September	697.8	127.9	82.6	275.5	^ 81.6	161.4	199.5	1 626.3
October	702.8	131.1	92.4	289.7	^ 80.4	181.6	203.9	1 682.0
November	701.4	149.6	93.5	292.6	^ 86.3	188.6	209.6	1 721.5
• • • • • • • • • •	• • • • • •	• • • • • • • • •					• • • • • • • • • •	• • • • • • • •
		S	EASONALL	Y ADJUST	ED (\$ milli	on)		
2003								
September	676.8	129.3	82.9	243.3	73.1	138.5	194.0	1 538.0
October	663.3	132.0	82.6	252.2	76.5	141.0	197.9	1 545.4
November	669.6	130.9	84.0	250.4	79.1	143.3	201.2	1 558.6
December	682.2	123.0	82.2	249.5	80.4	148.8	194.5	1 560.6
2004								
January	674.6	129.1	87.5	258.9	82.7	149.5	198.2	1 580.5
February	675.2	129.5	85.8	242.9	80.8	155.4	202.4	1 572.1
March	678.0	130.6	88.5	256.6	82.0	153.6	201.4	1 590.7
April	701.0	130.9	83.6	261.3	79.0	155.5	201.6	1 612.7
May	699.9	130.6	81.5	264.1	79.7	156.8	205.2	1 617.9
June	711.5	133.8	86.8	270.8	80.0	159.0	205.8	1 647.6
July	705.2	136.2	86.0	279.6	77.5	163.4	202.6	1 650.6
August	710.0	136.2	86.4	274.1	79.1	160.2	201.5	1 647.6
September	722.0	142.4	89.9	280.2	85.8	166.9	203.7	1 690.7
October	699.6	131.5	91.0	273.3	85.3	175.3	193.8	1 649.7
November	703.5	133.6	88.5	279.5	85.2	172.6	200.2	1 663.2
• • • • • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •		• • • • • • • • •	• • • • • • • • • •	• • • • • • • •
			TREND E	STIMATES	(\$ million	)		
2003	074.0	100.0	00.7	0.45.0	70.0	1 10 0	100.0	4.540.0
September	671.8	129.6	83.7	245.0	76.3	140.3	196.2	1 542.8
October	672.0	129.3	83.7	248.7	77.7	141.1	197.4	1 550.1
November	671.9	128.9	84.0	250.6	79.0	143.8	198.1	1 556.3
December	672.9	128.4	84.5	251.3	80.1	147.1	198.5	1 562.9
2004								
January	675.6	128.4	85.2	251.8	81.0	150.1	199.2	1 571.3
February	680.3	128.8	85.6	253.2	81.3	152.6	200.4	1 582.2
March	686.2	129.5	85.5	256.0	81.0	154.5	201.8	1 594.4
April	693.2	130.8	85.1	260.3	80.1	155.9	203.1	1 608.5
May	700.2	132.6	84.9	265.5	79.4	157.3	204.0	1 623.9
June	706.1	134.2	85.2	270.3	79.4	159.1	204.0	1 638.1
July	709.4	135.4	86.1	273.9	80.1	161.6	203.2	1 649.4
August	710.2	136.1	87.4	276.0	81.3	164.5	202.0	1 657.3
September	709.8	136.4	88.5	277.4	82.7	167.5	200.6	1 662.9
October	708.6	136.1	89.5	278.3	84.2	170.3	199.4	1 667.0
November	707.3	135.6	90.2	278.7	85.4	172.8	198.2	1 669.8

<sup>^</sup> estimate has a relative standard error of 10% to less than 25% (a) See paragraph 5 of the Explanatory Notes. and should be used with caution



### RETAIL TURNOVER, By Industry Group(a)—Tasmania

		_	Clothing and	Household	Recreational		Hospitality	
11	Food retailing	Department stores	soft good retailing	good retailing	good retailing	Other retailing	and services	Total
Month	retaiiirig	stores	retailing	retaining	retailing	retailing	services	iotai
• • • • • • • • • • •	• • • • • • •	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • •	• • • • • • • • • •	• • • • • • • • •	• • • • • • • • • • •	• • • • • • • •
			ORIG	IINAL (\$ m	illion)			
2003								
September	126.2	np	14.4	55.6	^ 18.9	np	39.2	315.9
October	141.8	np	15.1	59.5	18.5	np	39.8	343.9
November	137.3	np	16.7	61.9	18.7	np	^ 40.6	352.2
December	154.3	np	24.5	74.9	27.3	np	48.9	442.4
2004								
January	147.8	np	16.9	55.4	19.1	np	41.4	349.7
February	132.1	np	14.8	50.4	20.4	np	39.8	317.6
March	139.5	np	16.2	57.0	18.8	np	42.1	340.4
April	140.7	np	17.8	51.9	18.4	np	43.0	342.4
May	134.7	np	16.4	53.7	^ 18.4	np	39.9	330.4
June	134.3	np	^ 17.2	57.8	^ 18.0	np	39.2	334.5
July	140.7	np	^ 16.0	58.1	^ 19.1	np	40.1	343.5
August	133.6	np	^ 15.5	57.5	^ 18.3	np	35.0	322.2
September	138.1	np	^ 16.2	57.8	^ 19.3	np	37.4	336.3
October	145.2	np	13.9	60.2	^ 18.4	np	41.8	351.9
November	143.6	np	16.1	62.1	^ 18.6	np	42.1	359.1
• • • • • • • • • • •	• • • • • • •	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • •	• • • • • • • • • • • •	• • • • • • • •
		S	EASONALL	Y ADJUSTE	D (\$ millio	n)		
2003								
September	133.4	np	16.5	57.7	20.4	np	40.8	335.8
October	136.3	np	16.5	57.1	19.6	np	39.6	337.7
November	138.1	np	16.2	57.9	19.3	np	40.2	342.2
December	135.6	np	16.6	57.3	19.4	np	40.7	339.7
2004	133.0	пр	10.0	31.3	13.4	пр	40.7	339.1
January	139.5	np	17.4	58.4	18.4	np	38.2	345.4
February	137.5	•	16.6	57.0	19.4		41.0	341.5
March	137.5	np	16.7	57.0 58.5	18.6	np np	40.6	343.9
April	138.9	np	16.3	55.9	19.2		42.0	344.6
May	140.1	np	16.3	56.7	19.7	np	41.6	344.0
•	140.1	np	17.5	58.5	19.7	np	42.0	354.1
June	140.6	np	17.5 17.2	59.2	20.2	np	41.7	352.5
July		np		59.2 58.6	20.2 19.7	np	41.7 39.4	352.5
August	141.2	np	17.7			np		
September	142.4	np	18.0	57.7	21.1	np	40.4	351.9
October	142.2	np	15.5	59.7	20.1	np	41.0	350.8
November	144.5	np	15.7	58.9	18.4	np	40.6	348.9
			TREND E	STIMATES	(\$ million)			
					,			
2003								
September	133.8	np	16.3	57.2	19.9	np	40.1	334.5
October	135.4	np	16.4	57.5	19.7	np	40.2	338.2
November	136.7	np	16.6	57.7	19.4	np	40.1	340.6
December	137.5	np	16.7	57.7	19.2	np	40.0	341.8
2004								
January	138.0	np	16.7	57.6	19.0	np	40.1	342.5
February	138.5	np	16.7	57.4	18.9	np	40.4	343.3
March	138.9	np	16.6	57.3	19.0	np	40.9	344.6
April	139.5	np	16.7	57.4	19.2	np	41.4	346.2
May	140.1	np	16.9	57.5	19.6	np	41.5	348.1
June	140.7	np	17.1	57.9	19.9	np	41.5	349.7
July	141.2	np	17.2	58.2	20.1	np	41.1	350.7
August	141.7	np	17.2	58.6	20.1	np	40.8	351.0
August							10.0	250.0
September	142.2	np	17.0	58.8	20.0	np	40.6	350.9
_	142.2 142.8	np np	17.0 16.7	58.8 59.0	20.0 19.9	np np	40.6 40.4	350.9 350.6

and should be used with caution

estimate has a relative standard error of 10% to less than 25% np not available for publication but included in totals where applicable, unless otherwise indicated

<sup>(</sup>a) See paragraph 5 of the Explanatory Notes.



### RETAIL TURNOVER, By Industry Group(a)—Northern Territory

			Clothing and	Household	Recreational		Hospitality	
Month	Food retailing	Department stores	soft good retailing	good retailing	good retailing	Other retailing	and services	Total
Month	retailing		G				Services	Total
• • • • • • • • • •	• • • • • •	• • • • • • • • •			n:II: a n \	• • • • • • • • •	• • • • • • • • •	• • • • • • • • •
			ORIC	GINAL (\$ r	niiiion)			
2003				40.0			0.4.0	4== 0
September	72.7	np	7.5	19.9	^ 5.7	np	24.9	157.2
October	75.6	np	8.4	21.9	5.2	np	24.7	162.8
November December	70.8	np	7.6	21.2	4.8	np	23.7	156.6
<b>2004</b>	74.5	np	9.5	23.7	6.7	np	23.1	172.3
January	69.0	np	6.8	18.6	^4.2	np	20.5	139.8
February	66.6	np	6.2	17.4	^ 4.3	np	19.4	134.1
March	71.3	np	6.5	19.6	^ 4.7	np	20.6	143.3
April	75.2	np	6.9	19.4	5.5	np	21.7	150.7
May	76.9	np	8.2	21.0	^ 5.4	np	23.5	158.9
June	80.7	np	9.6	23.5	^6.1	np	^ 25.5	170.7
July	85.8	np	9.7	20.2	^6.1	np	^30.1	179.1
August	83.0	np	9.6	21.0	^ 5.9	np	^ 28.2	174.5
September	81.8	np	9.2	19.9	^ 5.9	np	^ 29.6	173.2
October	78.4	np	8.4	21.0	^ 5.9	np	^ 28.1	170.3
November	73.0	np	8.1	21.5	^ 5.2	np	^ 26.9	161.9
		9	SEASONALL	Y ADJUST	ED (\$ milli	on)		
			, , , , , , , , , , , , , , , , , , , ,	7.03001	LD (Ψ	011)		
2003								
September	71.2	np	7.2	19.7	5.4	np	23.9	152.6
October	72.8	np	7.9	20.4	5.1	np	22.9	154.1
November	73.3	np	7.3	20.6	5.0	np	23.0	156.4
December <b>2004</b>	73.7	np	7.4	19.7	5.5	np	23.2	155.4
January	75.2	nn	7.9	20.1	4.9	nn	23.8	155.7
February	75.2	np np	7.9	19.7	5.0	np np	23.7	156.7
March	74.2	np	7.9 7.9	20.6	4.9	np	23.2	154.7
April	75.8	np	8.0	21.0	6.0	np	23.0	158.6
May	76.1	np	8.3	21.3	5.7	np	24.0	160.7
June	78.6	np	9.4	22.8	5.8	np	24.3	167.4
July	77.4	np	8.4	20.3	5.6	np	25.2	161.9
August	77.7	np	8.6	20.5	5.5	np	24.9	162.2
September	78.1	np	8.5	19.5	5.5	np	28.1	165.2
October	76.5	np	7.9	20.1	5.7	np	26.2	162.8
November	76.4	np	8.1	20.7	5.5	np	26.1	162.8
			TREND F	STIMATES	(\$ million	)		
			INCIND E	01111171120	(\$ 111111011	,		
2003								
September	71.8	np	7.5	19.7	5.4	np	23.9	153.4
October	72.6	np	7.5	20.0	5.3	np	23.5	154.4
November	73.3	np	7.5	20.1	5.2	np	23.3	155.0
December 2004	73.9	np	7.6	20.1	5.1	np	23.2	155.3
	74.4	nn	7.7	20.1	5.1	nn	22.2	155.6
January February		np				np	23.2	
March	74.8 75.3	np np	7.9 8.0	20.3 20.6	5.0 4.9	np np	23.3 23.4	156.3 157.5
April	75.5 75.9	np	8.2	20.0	(b) 6.0	np	23.4	157.5
May	76.6	np	8.4	21.0	5.8	np	23.9	160.9
June	77.2	np	8.5	21.2	5.7	np	24.4	162.4
July	77.6	np	8.5	20.9	5.7	np	25.1	163.3
August	77.6	np	8.5	20.6	5.6	np	25.7	163.7
September	77.5	np	8.4	20.3	5.6	np	26.2	163.7
October	77.2	np	8.3	20.1	5.6	np	26.6	163.5
November	76.9	np	8.2	20.0	5.6	np	26.8	163.2

estimate has a relative standard error of 10% to less than 25% (a) See paragraph 5 of the Explanatory Notes. and should be used with caution

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

<sup>(</sup>b) Break in series. See the Trend Estimates' section of the Where Explanatory Nation Explanatory Notes.



	Food	Department	Clothing and soft good	Household good	Recreational good	Other	Hospitality and	
Month	retailing	stores	retailing	retailing	retailing	retailing	services	Total
• • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • • •		• • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • • • •
			ORIG	INAL (\$ n	nillion)			
2003								
September	112.3	25.5	16.4	55.2	14.8	26.8	49.3	300.3
October	118.9	28.1	17.4	56.3	14.5	24.8	45.5	305.6
November	119.8	32.8	18.1	60.2	15.2	27.5	45.1	318.7
December	132.5	53.4	24.6	73.9	22.4	39.3	44.8	390.9
2004	400.0	0= 0	400		40.0		25.0	
January	120.2	25.8	16.2	57.7	13.0	25.1	35.2	293.3
February March	114.3 119.2	21.5 26.0	15.1 16.6	50.0 55.0	14.2 14.1	24.2 26.2	39.4 40.4	278.6 297.5
April	119.2	28.7	17.3	51.3	13.3	26.2 25.4	40.4	297.5
May	120.0	29.4	18.7	53.2	13.3	24.4	41.7	300.6
June	115.1	30.4	18.7	56.6	^ 13.6	^ 24.4	^ 42.9	301.8
July	123.8	25.8	16.6	55.9	^ 16.3	^ 23.4	^ 43.5	305.3
August	119.3	24.1	16.0	56.6	^ 14.7	^ 23.9	^ 40.7	295.2
September	120.6	26.4	17.4	53.7	^ 13.6	24.7	^ 41.3	297.7
October	125.2	27.4	18.6	58.7	^ 13.3	24.7	^ 43.9	311.7
November	124.1	31.3	18.8	58.8	13.9	^ 26.2	^ 41.4	314.5
								01.10
• • • • • • • • • •	• • • • • • •		EASONALLY				• • • • • • • •	• • • • • • • • •
2000		31	LASONALLI	ADJUSTI	LD (Ψ IIIIIII	011)		
2003	445.0	00.4	40.4	50.0	45.0	00.0	40.0	240.0
September	115.6	29.1	18.1	58.0	15.9	26.2	49.9	312.9
October	114.9	29.3	17.6	55.2	15.3	25.5	43.7	301.5
November	117.0	29.5	17.8	58.1	15.3	26.8	43.7	308.0
December 2004	118.2	28.4	17.4	57.1	15.9	26.0	43.1	306.1
January	120.4	29.5	17.7	57.6	14.7	28.1	38.8	306.7
February	119.8	29.1	17.8	54.9	14.6	27.3	42.5	306.0
March	120.0	29.5	17.5	55.6	14.2	27.2	40.6	304.6
April	119.7	29.2	17.2	55.2	14.5	26.8	40.8	303.4
May	120.5	29.1	17.5	55.7	14.1	25.8	40.7	303.6
June	122.7	30.4	17.8	57.7	14.5	26.8	42.4	312.2
July	121.5	28.7	17.3	56.5	14.9	24.5	40.9	304.2
August	121.3	29.5	17.9	58.0	14.9	24.1	40.2	305.9
September	122.5	30.0	18.8	56.7	14.4	24.8	41.4	308.6
October	121.2	28.4	18.7	57.9	14.2	25.2	41.6	307.2
November	122.5	28.5	18.8	56.1	13.9	24.9	41.2	305.9
			TREND ES	STIMATES	(\$ million	)		
2003								
September	115.2	29.1	17.8	56.6	15.8	25.7	47.8	308.3
October	115.9	29.1	17.8	56.8	15.7	26.1	45.9	307.4
November	117.0	29.1	17.7	56.9	15.5	26.5	44.0	306.8
December	118.1	29.1	17.6	56.8	15.2	26.9	42.3	306.1
2004								
January	119.0	29.2	17.6	56.5	14.9	27.1	41.3	305.6
February	119.7	29.2	17.5	56.1	14.6	27.3	40.8	305.2
March	120.2	29.3	17.5	55.8	14.4	27.2	40.8	305.2
April	120.6	29.4	17.4	55.8	14.4	26.8	40.9	305.3
May	121.0	29.5	17.5	56.1	14.4	26.2	41.0	305.6
June	121.3	29.5	17.6	56.6	14.5	25.7	41.1	306.2
July	121.6	29.5	17.8	57.0	14.6	25.2	41.1	306.7
August	121.8	29.3	18.1	57.2	14.6	24.9	41.1	307.0
September	121.9	29.2	18.4	57.2	14.5	24.7	41.2	307.1
October	122.0	29.0	18.6	57.2	14.3	24.7	41.2	307.1
November	122.0	28.8	18.8	57.1	14.2	24.7	41.2	306.8

<sup>^</sup> estimate has a relative standard error of 10% to less than (a) See paragraph 5 of the Explanatory Notes. 25% and should be used with caution

### **EXPLANATORY NOTES**

INTRODUCTION

- **1** This publication presents monthly estimates of the value of turnover of retail businesses classified by industry, and by state and 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. Following a new sample design introduced in the July 2004 issue, the survey includes about 4,350 retail and selected service businesses. All 'large' businesses are included in the survey, while a sample of about 3,500 '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 Australian Bureau of Statistics (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
- 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 businesses 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 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, and which do 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)

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.

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 subsector (i.e. they are all classified to a single Standard Institutional Sector Classification of Australia subsector).

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 subdivision (and the TAU is classified to the relevant subdivision 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 subdivision.

- **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.
- 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. Following the new sample design introduced in the July 2004 issue, the survey uses annualised turnover as the measure of business size. For the ATO Maintained Population, the annualised turnover is based on the ATO's Business Activity Statement item Total sales and for the ABS Maintained Population a modelled annualised turnover is used. For stratification purposes the annualised turnover allocated to each business is not updated each quarter as to do so would result in increased volatility in the estimates.
- estimation methodology which replaced ratio estimation. For estimation purposes the annualised turnover allocated to each business is updated each quarter. The introduction of the new sample design and new estimation methodology resulted in changes to the level of the Retail Trade series. However, to facilitate comparisons over time, the historical series were revised to make the time series of estimates as continuous as possible. For more information about the changes introduced in the July 2004 issue refer to *Information Paper: Changes to the Retail Trade Series* (cat. no. 8501.0.55.002) which is available from the ABS web site <a href="http://www.abs.gov.au">http://www.abs.gov.au</a>.
- **14** 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.
- **15** 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.
- **16** 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.

SURVEY METHODOLOGY

DEFINITION OF TURNOVER

- 17 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.
- 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 *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. An electronic release, *Contribution of Gambling to Retail Estimates* (cat. no. 8501.0.55.003), will provide updated quarterly information and will be available free of charge from the ABS web site. It will be released approximately a week after the release of the March, June, September and December issues of this publication.

SEASONAL ADJUSTMENT

- 19 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.
- 20 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.
- **21** 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).

22 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 September 2004 using data up to and including the July 2004 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

	Nov 2003	Oct 2004	Nov 2004
Factors as estimated at last reanalysis (July 2004 reference month)	1.03239	1.02149	1.03464
Factors as estimated with current month's data (November 2004 reference month)	1.02811	1.01869	1.02943

- 23 The revision properties of the seasonally adjusted and trend estimates can be improved by the use of Autoregressive Integrated Moving Average (ARIMA) modelling. ARIMA modelling relies on the characteristics of the series being analysed to project future period data. The projected values are temporary, intermediate values, that are only used internally to improve the estimation of the seasonal factors. The projected data do not affect the original estimates and are discarded at the end of the seasonal adjustment process. The retail collection uses ARIMA modelling where appropriate for individual time series. The ARIMA model is assessed as part of the annual reanalysis and following the 2004 annual reanalysis 93% of Retail series use an ARIMA model. For more information on the details of ARIMA modelling see *Feature article: Use of ARIMA modelling to reduce revisions* in the October 2004 issue of *Australian Economic Indicators* (cat. no. 1350.0).
- 24 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

	Dec 2004	Jan 2005	Feb 2005
Factors as estimated with current month's data (November 2004 reference month)	1.31161	0.97577	0.87982

25 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 August 2004 issue.

SEASONAL ADJUSTMENT continued

- **26** 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.
- **27** 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

- 28 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).
- **29** 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.

CHAIN VOLUME MEASURES

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 is advanced in each June issue and is currently 2002–03. 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. Data for the 2004–05 financial year will initially be based upon price data for the 2002–03 financial year. Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series. While current price estimates reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and hence only reflect volume changes. Further information on the nature and concepts of chain volume measures is contained in the ABS publication *Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts* (cat. no. 5248.0).

RELIABILITY OF ESTIMATES

32 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.

RELIABILITY OF ESTIMATES continued

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

- **33** 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.
- **34** Estimates, in original terms, that have an estimated relative standard error (RSE) between 10% and 25% are annotated with the symbol '^'. These estimates should be used with caution as they are subject to sampling variability too high for some purposes. Estimates with an RSE between 25% and 50% are annotated with the symbol '\*', indicating that the estimates should be used with caution as they are subject to sampling variability too high for most practical purposes. Estimates with an RSE greater than 50% are annotated with the symbol '\*\*' indicating that the sampling variability causes the estimates to be considered too unreliable for general use.
- **35** To further assist users in assessing the reliability of estimates, key 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.
  - E represents a relative standard error on level greater than 15% (mainly affects unpublished state by industry series).

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

	Food retailing	Depart -ment Stores	Clothing & soft good retailing	House -hold good retailing	Recrea -tional good retailing	Other retailing	Hospit -ality & services	Total
NSW	Α	Α	С	В	С	С	В	Α
Vic.	В	Α	С	В	С	С	С	Α
Qld	В	Α	С	В	D	С	С	Α
SA	В	Α	D	С	D	С	С	Α
WA	В	Α	С	С	D	С	С	Α
Tas.	В	np	С	С	D	np	С	Α
NT	В	np	С	В	Ε	np	D	В
ACT	В	Α	В	С	D	D	Е	В
Aust.	Α	Α	В	Α	В	В	В	Α

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

ABS DATA AVAILABLE ON REQUEST

**37** 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.

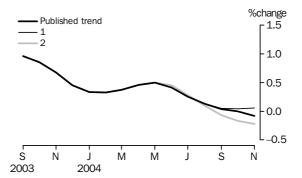
RELATED PUBLICATIONS

**38** Current publications and other products released by the ABS are listed in the *Catalogue of Publications and Products* (cat. no. 1101.0). The Catalogue is available from any ABS office or the ABS web site <a href="http://www.abs.gov.au">http://www.abs.gov.au</a>. The ABS also issues a daily Release Advice on the web site which details products to be released in the week ahead.

### 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 December seasonally adjusted estimate of retail turnover is 1.0% higher than the November estimate.
  - 2 The December seasonally adjusted estimate of retail turnover is 1.0% lower than the November estimate.



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 28 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.

### FOR MORE INFORMATION

INTERNET www.abs.gov.au the ABS web site is the best place to

start for access to summary data from our latest publications, information about the ABS, advice about upcoming releases, our catalogue, and Australia Now—a

statistical profile.

LIBRARY A range of ABS publications is available from public and

tertiary libraries Australia-wide. Contact your nearest library to determine whether it has the ABS statistics you require,

or visit our web site for a list of libraries.

CPI INFOLINE For current and historical Consumer Price Index data, call

1902 981 074 (call cost 77c per minute).

DIAL-A-STATISTIC For the latest figures for National Accounts, Balance of

Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400 (call cost 77c per minute).

### INFORMATION SERVICE

Data already published that can be provided within five minutes will be free of charge. Our information consultants can also help you to access the full range of ABS information—ABS user pays services can be tailored to your needs, time frame and budget. Publications may be purchased. Specialists are on hand to help you with analytical or methodological advice.

PHONE 1300 135 070

EMAIL client.services@abs.gov.au

FAX 1300 135 211

POST Client Services, ABS, GPO Box 796, Sydney NSW 2001

### WHY NOT SUBSCRIBE?

ABS subscription services provide regular, convenient and prompt deliveries of selected ABS publications and products as they are released. Email delivery of monthly and quarterly publications is available.

PHONE 1300 366 323

EMAIL subscriptions@abs.gov.au

FAX (03) 9615 7848

POST Subscription Services, ABS, GPO Box 2796Y,

Melbourne Vic 3001



RRP \$23.00