

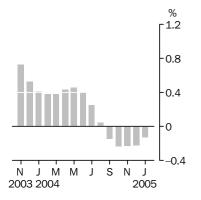
RETAIL TRADE

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) THURS 3 MAR 2005

Monthly turnover

Trend estimates % change



KEY FIGURES

	Jan 05 \$m	Dec 04 to Jan 05 % change
Turnover at current prices		
Trend estimates	16 391.7	-0.1
Seasonally adjusted estimates	16 436.8	0.6

KEY POINTS

TREND ESTIMATES

- The trend estimate of turnover for the Australian Retail and Hospitality/Services series decreased by 0.1% in January 2005. This follows a revised decrease of 0.2% in December 2004 and a 0.2% decrease in November 2004.
- In January 2005, the trend estimate decreased in Queensland (-0.5%), Victoria (-0.2%) and Western Australia (-0.2%).
- Over the three months to January 2005 the trend estimate decreased by \$96m. Food retailing (-\$53m), Hospitality and services (-\$47m) and Other retailing (-\$35m) had the largest decreases, while Household good retailing increased by \$47m.

SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate of turnover for the Australian Retail and Hospitality/Services series increased by 0.6% in January 2005. This followed a revised decrease of 0.5% in December 2004.
- All states, except Western Australia (−0.9%), had an increase in the seasonally adjusted estimate. Tasmania (1.9%), Queensland (1.5%), the Northern Territory (0.8%) and New South Wales (0.7%) had the largest increases in the seasonally adjusted estimate.

ORIGINAL ESTIMATES

- In original terms, Australian turnover decreased by 25.0% in January 2005 compared with December 2004. Chains and other large retailers (which are completely enumerated) decreased by 26.5%, while 'smaller' retailers (the sampled units) decreased by 22.8%.
- Australian turnover decreased by 0.7% in January 2005 compared with January 2004 (In seasonally adjusted terms, turnover increased by 1.4% in January 2005 compared with January 2004). Chains and other large retailers increased by 4.2%, while 'smaller' retailers fell by 7.0%.

INQUIRIES

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.



NOTES

FORTHCOMING ISSUES

 ISSUE
 RELEASE DATE

 February 2005
 4 April 2005

 March 2005
 4 May 2005

 April 2005
 31 May 2005

 May 2005
 1 July 2005

 June 2005
 2 August 2005

 July 2005
 30 August 2005

CHANGES IN THIS ISSUE

There are no changes in this issue.

SAMPLE ROTATION

Estimates for sampled businesses in the first month of each quarter can be influenced by the quarterly updating of the frame and the estimation benchmarks and the quarterly rotation of sampled businesses. These changes are made to ensure that the frame and sample remain representative of the population. In addition, the rotation of sampled businesses is done to spread the reporting load across retailers. While these changes can impact on the estimate for the first month of each quarter, the impact is usually within the normal standard errors associated with the estimates. In January 2005, there is evidence that for Western Australia the businesses rotated into the sample were generally smaller than those rotated out. This has had a negative effect on the estimate. However for other states and at the Australian level, the rotation effects were negligible.

SAMPLING ERRORS

Standard errors for the Australian estimates (original data) for January 2005 contained in this publication are:

		Standard
Data Series	Estimate	error
Level of retail turnover (\$m)	16 006.8	133.2
Change from preceding month (\$m)	-5 349.8	103.2
% change from preceding month (%)	-25.0	0.5

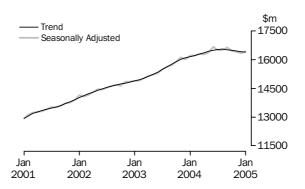
For more information see the Explanatory Notes, paragraphs 32–36.

Peter Harper

Acting Australian Statistician

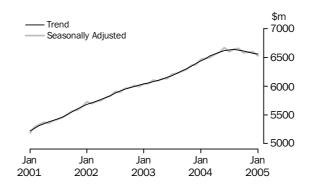
TOTAL RETAIL

The Australian Retail and Hospitality/Services trend series has been in decline for five months. Household good and Recreational good retailing had moderate trend growth in January 2005, Department stores had no change while all other industries were in decline.



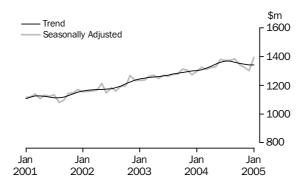
FOOD RETAILING

The trend series has been in decline for five months. Over this period, New South Wales, Victoria, Queensland, Western Australia and the Northern Territory have had a decline in the trend estimate.



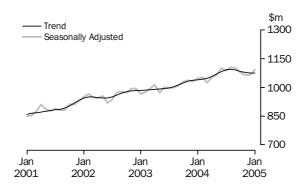
DEPARTMENT STORES

After five months of decline in the trend series, there was no change in January 2005. Victoria, Queensland and Western Australia have continued in decline, while after five months of decline, New South Wales and South Australia had weak growth and the Australian Capital Territory had no change in January 2005.

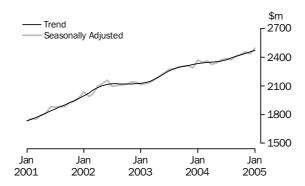


CLOTHING AND SOFT GOOD RETAILING

The trend series has been in decline for five months with Victoria, South Australia and Tasmania also in decline during this period. After being in decline for five months, Queensland had weak growth in January 2005 while there was moderate trend growth in New South Wales.

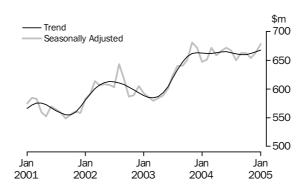


HOUSEHOLD GOOD RETAILING After a period of weak growth from February 2004 to June 2004, trend growth has been moderate over the past seven months. New South Wales has had eight months of strong growth. South Australia and Tasmania have had at least five months of moderate trend growth. The rate of trend growth has been slowing in Victoria since September 2004 with weak growth in January 2005.



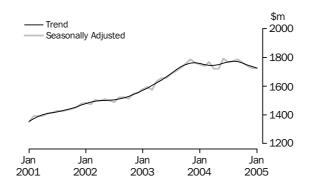
RECREATIONAL GOOD RETAILING

There have been two months of moderate trend growth. Western Australia has had strong growth for seven months. New South Wales and South Australia have had strong growth for three months while Victoria, Tasmania and the Australian Capital Territory have been in decline for at least five months.



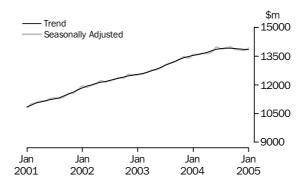
OTHER RETAILING

The trend series has been in decline for five months. New South Wales and Victoria have been in decline for at least twelve months while South Australia has had strong growth for four months.

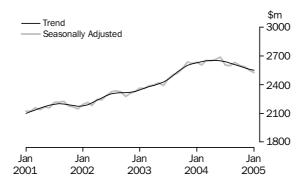


TOTAL RETAIL
(EXCLUDING HOSPITALITY
AND SERVICES)

Total retail (excluding Hospitality and services) was in decline in January 2005. Over the last five months, the rate of trend growth has been similar to that of Total industries (including Hospitality and services).

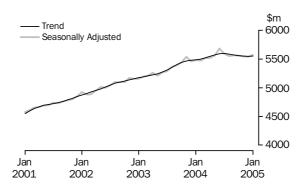


HOSPITALITY AND SERVICES The trend has been in decline for the last eight months. New South Wales, Queensland, South Australia and Western Australia have been in decline for the last seven months or longer. Victoria has been in decline for four months.



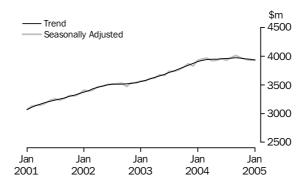
NEW SOUTH WALES

After five months of the trend being in decline, there was weak trend growth in January 2005. Food retailing, Other retailing and Hospitality and services have been in decline for at least five months. After five months of declines in the trend for Department stores there was weak growth in January 2005. Household good retailing and Recreational good retailing have had strong growth for eight months and three months respectively.



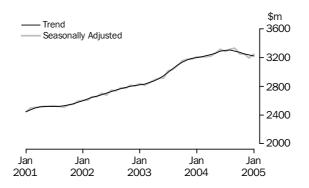
VICTORIA

The trend has been in decline for the last four months. All industries, except Household good retailing, have had a decline in their trend estimate over this period. The rate of trend growth in the Household good retailing industry has been slowing over this four month period with weak growth for January 2005.



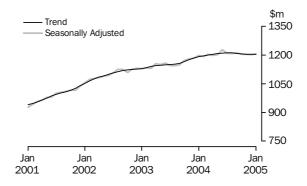
QUEENSLAND

The trend has been in decline for the last five months. Food retailing, Department stores, Other retailing and Hospitality and services have been in decline for at least four months. After five months of declines in the trend for Clothing and soft good retailing, there was weak growth in January 2005. Household good retailing had no growth for January 2005, while Recreational good retailing had strong growth.



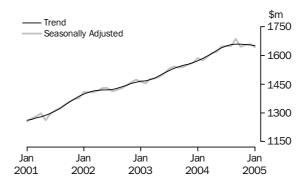
SOUTH AUSTRALIA

After five months of decline in the trend estimate, there was no change in January 2005. The trend estimate declined for Clothing and soft good retailing and Hospitality and services in each of the last six months. After five months of decline in the trend for Department stores there was weak growth in January 2005. Other retailing and Recreational good retailing have had strong growth for at least three months.



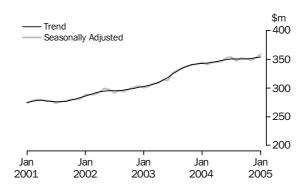
WESTERN AUSTRALIA

The trend has been in decline for the last four months. Food retailing, Department stores and Hospitality and services have been in decline for at least four months. Recreational good retailing has had strong growth in each of the last seven months. The rate of growth in the trend estimate for Household good retailing has been slowing since May 2004 with weak trend growth for the last five months.



TASMANIA

There has been weak trend growth in each of the last four months. Food retailing has had four months of strong growth. Clothing and soft good retailing and Recreational good retailing have been in decline for five months.



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
• • • • • • • • •	retaining	310/03	retuiing	retaining	retuiing	retunnig	Scrvices	rotal
			ORIG	INAL (\$ m	illion)			
2003								
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								
January	6 707.8	1 162.1	1 038.6	2 346.4	642.3	1 584.7	2 642.6	16 124.5
February	6 158.0	970.8	844.0	2 115.3	594.8	1 543.3	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 6 288.7	1 251.9	1 089.1	2 214.6	613.4	1 665.0	2 590.3	15 868.6
June	6 640.4	1 355.0 1 276.4	1 088.0 1 049.6	2 332.4 2 366.8	619.4 658.4	1 645.3 1 680.6	2 514.0 2 647.6	15 842.8 16 319.8
July	6 460.1	1 143.5	989.0	2 300.8	630.2	1 705.6	2 575.2	15 829.7
August September	6 536.2	1 288.1	1 066.0	2 320.1	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
December	7 681.4	2 452.5	1 551.2	3 159.2	977.5	2 563.2	2 971.6	21 356.6
2005	7 001.4	2 432.3	1 551.2	3 139.2	911.5	2 303.2	2 97 1.0	21 330.0
January	6 581.9	1 224.5	1 069.7	2 438.3	655.1	1 546.3	2 491.1	16 006.8
• • • • • • • • •								
		:	SEASONALL	Y ADJUSTE	D (\$ million	n)		
2003								
November	6 364.3	1 305.1	1 037.0	2 311.1	680.9	1 786.0	2 639.2	16 123.6
December	6 374.5	1 274.1	1 032.0	2 288.2	672.0	1 762.3	2 620.3	16 023.3
2004	0 01 110		1 002.0	2 200.2	0.2.0	1.02.0	2 020.0	10 020.0
January	6 468.5	1 297.2	1 048.3	2 369.3	647.1	1 751.6	2 631.3	16 213.3
February	6 489.6	1 327.5	1 053.0	2 345.6	651.7	1 739.2	2 605.9	16 212.5
March	6 499.0	1 311.4	1 022.8	2 363.6	671.8	1 768.3	2 654.0	16 290.8
April	6 553.9	1 322.6	1 054.2	2 324.7	658.5	1 721.4	2 647.9	16 283.2
May	6 593.7	1 330.0	1 064.1	2 341.8	666.2	1 720.6	2 663.9	16 380.4
June	6 669.3	1 379.2	1 100.2	2 372.4	671.5	1 791.3	2 689.7	16 673.7
July	6 601.4	1 372.7	1 087.7	2 388.2	667.3	1 765.3	2 606.7	16 489.4
August	6 646.2	1 373.1	1 106.1	2 371.3	650.3	1 775.1	2 595.5	16 517.6
September	6 659.5	1 383.8	1 099.9	2 408.2	662.7	1 785.9	2 633.5	16 633.4
October	6 582.2	1 345.4	1 077.1	2 429.5	662.8	1 763.1	2 601.2	16 461.4
November	6 595.7	1 325.4	1 064.6	2 454.3	653.9	1 742.2	2 589.6	16 425.8
December	6 598.5	1 303.7	1 064.4	2 435.4	662.5	1 727.5	2 554.2	16 346.1
2005								
January	6 524.3	1 395.8	1 093.7	2 493.8	678.6	1 722.6	2 528.1	16 436.8
• • • • • • • • •						• • • • • • • • •		
			TREND ES	STIMATES	(\$ million)			
2003								
November	6 349.7	1 295.3	1 032.4	2 315.2	662.0	1 761.0	2 600.5	16 016.1
December	6 394.5	1 298.6	1 037.1	2 325.5	663.3	1 763.2	2 618.9	16 101.1
2004								
January	6 439.4	1 302.2	1 039.9	2 334.3	662.6	1 758.1	2 630.8	16 167.3
February	6 483.7	1 307.9	1 042.5	2 341.4	662.0	1 750.3	2 640.6	16 228.4
March	6 524.6	1 317.4	1 047.7	2 346.5	662.1	1 744.3	2 647.6	16 290.2
April	6 562.7	1 331.0	1 057.2	2 350.3	663.1	1 744.0	2 651.9	16 360.2
May	6 596.0	1 346.9	1 070.2	2 354.4	664.6	1 750.3	2 652.7	16 435.1
June	6 621.1	1 361.2	1 083.2	2 362.0	665.2	1 760.3	2 648.7	16 501.7
July	6 635.9	1 368.6	1 092.0	2 374.0	663.6	1 769.3	2 639.3	16 542.8
August	6 637.7	1 368.3	1 092.0	2 390.4	661.2	1 773.1	2 625.7	16 550.4
September	6 627.4	1 361.5	1 094.1	2 407.8	659.9	1 769.9	2 610.3	16 526.6
October	6 611.5	1 352.6	1 083.9	2 425.0	660.2	1 760.4	2 594.8	16 487.8
November	6 594.0	1 346.1	1 078.8	2 441.9	661.8	1 748.6	2 578.7	16 450.0
December	6 574.9	1 342.8	1 075.3	2 441.9	664.3	1 746.6	2 561.4	16 413.0
2005	0 314.8	1 342.0	1013.3	2 431.1	004.3	1 133.8	2 501.4	10 413.0
January	6 558.9	1 343.4	1 074.2	2 471.6	667.9	1 725.4	2 548.0	16 391.7

⁽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	То
• • • • • • • • •	• • • • • •						• • • • • • • • • •	• • • • •
		ORIGIN	AL (% cna	nge from	preceding	montn)		
2003		40.4			- 4		0 =	
November	-1.8	16.4	2.4	1.1	7.1	4.1	-0.7	1
December	13.6	58.7	38.5	21.1	43.5	34.2	11.4	23
2004	7.0	E4.2	20.0	00.0	24.0	20.5	44.0	04
January	-7.3	-51.3	-30.6	-20.3	-34.9	-38.5	-11.2	-21 -9
February	-8.2	-16.5	-18.7	-9.8	-7.4 40.4	-2.6	-7.5 7.0	
March	5.2 1.2	14.1 12.9	11.7 8.4	7.3 -6.6	10.1	8.1 -4.8	7.8	
April					-6.8		-0.2	(
May	-1.7	0.1	6.6	4.5	0.5	4.8	-1.4	
June	-2.4 5.6	8.2	-0.1 -3.5	5.3 1.5	1.0 6.3	-1.2 2.1	–2.9 5.3	- (
July		-5.8						_;
August	-2.7	-10.4 12.7	-5.8	-1.7 1.2	-4.3	1.5 4.2	-2.7	
September October	1.2		7.8		2.0		1.1	:
November	2.6	3.1	3.0 0.8	6.4 4.9	-0.7 4.6	2.1 3.7	4.2	
	-1.7 16.6	13.4	40.3				-3.5	2
December 2005	10.0	62.7	40.3	20.2	46.3	36.2	13.5	2
January	-14.3	-50.1	-31.0	-22.8	-33.0	-39.7	-16.2	-2
•								
• • • • • • • • • •					e from pred		• • • • • • • • • • • • • • • • • • •	
	SEA	SUNALLI	ADJUSTED	(% Chang	e irom pred	eding ino	11(11)	
2003								
November	1.2	-0.6	0.5	0.2	4.7	1.8	2.7	
December	0.2	-2.4	-0.5	-1.0	-1.3	-1.3	-0.7	-
2004								
January	1.5	1.8	1.6	3.5	-3.7	-0.6	0.4	
February	0.3	2.3	0.4	-1.0	0.7	-0.7	-1.0	
March	0.1	-1.2	-2.9	0.8	3.1	1.7	1.8	
April	0.8	0.9	3.1	-1.6	-2.0	-2.7	-0.2	
May	0.6	0.6	0.9	0.7	1.2	0.0	0.6	
June	1.1	3.7	3.4	1.3	0.8	4.1	1.0	
July	-1.0	-0.5	-1.1	0.7	-0.6	-1.4	-3.1	_
August	0.7	0.0	1.7	-0.7	-2.5	0.6	-0.4	
September	0.2	0.8	-0.6	1.6	1.9	0.6	1.5	
October	-1.2	-2.8	-2.1	0.9	0.0	-1.3	-1.2	_
November	0.2	-1.5	-1.2	1.0	-1.3	-1.2	-0.4	_
December	0.0	-1.6	0.0	-0.8	1.3	-0.8	-1.4	_
2005								
January	-1.1	7.1	2.7	2.4	2.4	-0.3	-1.0	
							• • • • • • • • •	
					rom preced			
.003								
November	0.7	0.4	0.8	0.5	0.8	0.6	1.1	
December	0.7	0.2	0.5	0.4	0.2	0.1	0.7	
2004	0.7	0.2	0.5	0.4	0.2	0.1	0.1	
January	0.7	0.3	0.3	0.4	-0.1	-0.3	0.5	
February	0.7	0.3	0.3	0.4	-0.1 -0.1	-0.3 -0.4	0.4	
March	0.7	0.4	0.2	0.3	0.0	-0.4 -0.3	0.4	
April	0.6	1.0	0.5	0.2	0.1	0.0	0.3	
May	0.6	1.0	1.2	0.2	0.1	0.0	0.2	
June								
111116	0.4	1.1	1.2	0.3	0.1	0.6	-0.2	
	0.2	0.6	0.8	0.5	-0.2	0.5	-0.4	
July		0.0	0.2	0.7	-0.4	0.2	-0.5	
July August	0.0			0.7	-0.2	-0.2	-0.6	-
July August September	-0.2	-0.5	-0.4	0.7				
July August September October	-0.2 -0.2	-0.5 -0.7	-0.6	0.7	0.0	-0.5	-0.6	-
July August September October November	-0.2 -0.2 -0.3	-0.5 -0.7 -0.5	-0.6 -0.5		0.3	-0.7	-0.6 -0.6	-
July August September October November December	-0.2 -0.2	-0.5 -0.7	-0.6	0.7				-
July August September October November	-0.2 -0.2 -0.3	-0.5 -0.7 -0.5	-0.6 -0.5	0.7 0.7	0.3	-0.7	-0.6	-

⁽a) See paragraph 5 of the Explanatory Notes.



	FOOD RE	TAILING				CLOTHING GOOD RE			HOUSEHO	ILD GOOD F	RETAILING	
								•••••				•••••
	Super- markets &	Take- away	Other		Depart-		Foot- wear, fabric & other soft		& floor	Domestic hardware & house-	Domestic appliance & recorded	
Month	grocery stores	food retailing	food retailing	Total	ment stores	Clothing retailing	good retailing	Total	covering retailing	ware retailing	music retailing	Total
WOITCH	310/03	retaiiing	retaiirig	rotar	310703	retunnig	retuiing	rotar	retaining	retailing	retuiing	rotar
• • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • •	411 I I O N	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
					יו ל	MILLION						
2004												
January	4 823.2		1 134.1		1 162.1	758.4		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 May	4 675.1 4 644.7		1 143.2 1 078.5	6 444.5	1 250.3 1 251.9	771.7 822.9		1 021.9 1 089.1	510.4 540.2	665.5 671.1	942.9 1 003.3	2 118.9 2 214.6
May June	4 510.6		1 076.3		1 355.0	821.4		1 088.0	571.0	662.8	1 003.3	2 332.4
July	4 776.1	760.8		6 640.4	1 276.4	768.7		1 049.6	583.3	709.5	1 074.0	2 366.8
August	4 631.9	737.4	1 090.7	6 460.1	1 143.5	719.1	269.9	989.0	551.9	727.8	1 046.5	2 326.1
September	4 674.6		1 105.0		1 288.1	792.3		1 066.0	568.0	774.8	1 011.5	2 354.4
October	4 788.3		1 162.9		1 328.5	810.6		1 097.5	607.4	821.4	1 076.7	2 505.4
November	4 699.4		1 174.1		1 507.0	823.1		1 106.0	619.7	848.0	1 160.8	2 628.4
December	5 340.6		1 557.4		2 452.5	1 174.9		1 551.2	613.7	957.2	1 588.4	3 159.2
2005												
January	4 712.4	742.2	1 127.3	6 581.9	1 224.5	767.8	301.9	1 069.7	589.0	764.9	1 084.5	2 438.3
				% CH/	NGE FROM	A PRECE						
				70 OTT	MAL INON	TIKLOL	DING	WONTH				
2004												
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 -2.7	-5.7 -0.2	−1.7 −2.4	0.1 8.2	6.6 -0.2	6.4	6.6 -0.1	5.8 5.7	0.8 -1.2	6.4 9.5	4.5 5.3
June July	–2.9 5.9	-2.7 8.4	2.5	-2.4 5.6	-5.8	-0.2 -6.4	0.2 5.3	-0.1 -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	-2.2 -2.6	-1.7
September	0.9	2.6	1.3	1.2	12.7	10.2	1.4	-3.8 7.8	2.9	6.5	-3.3	1.2
October	2.4	-0.4	5.2	2.6	3.1	2.3	4.8	3.0	6.9	6.0	6.4	6.4
November	-1.9	-5.0	1.0	-1.7	13.4	1.5	-1.4	0.8	2.0	3.2	7.8	4.9
December	13.6	9.4	32.6	16.6	62.7	42.7	33.0	40.3	-1.0	12.9	36.8	20.2
2005												
January	-11.8	-5.3	-27.6	-14.3	-50.1	-34.7	-19.8	-31.0	-4.0	-20.1	-31.7	-22.8
			HANGE		ORRESPON							
		/0 01	mude	T IX O IVI	JOHNEOT OF	voina i		OI INE	V1000 1E	,,,,,		
2004												
January	7.1		6.6	7.4	7.7	10.6	6.0	9.3	11.8	7.9	13.2	11.2
February	9.5	18.6	9.0	10.3	10.0	13.1	4.0	10.7	12.1	10.9	15.9	13.4
March	5.9	10.8	8.2	6.8	3.4	3.1	4.1	3.3	14.1	5.8	15.2	11.9
April	8.5	11.3	11.7	9.3	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 July	10.5 8.1	5.8 8.2	11.4 5.4	10.1 7.6	11.6 10.4	14.8 9.5	5.7 11.1	12.5 9.9	2.1 2.4	3.3 3.6	12.0 8.4	6.9 5.4
•	5.0	5.8	4.1	7.0 5.0	5.9	7.2		9.9	1.3	0.0	9.4	4.3
August September	8.7	11.0	3.8	5.0 8.1	5.9 9.6	10.2	15.0 9.6	10.0	1.3	-1.2	9.4	4.3 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
December	5.9	2.1	9.3	6.1	2.8	2.4	7.5	3.6	3.4	8.7	8.0	7.3
2005	0.0		3.5	J.1	2.0	۷. ۱		5.0	Ο. τ	5.1	0.0	
January	-2.3	-1.1	-0.6	-1.9	5.4	1.2	7.7	3.0	7.9	7.5	-0.4	3.9

⁽a) See paragraph 5 of Explanatory Notes.

RECREATIONAL GOOD RETAILING OTHER RETAILING HOSPITALITY & SERVICES News-Other Pharmaceutical, Cafes paper, recreational Other book & cosmetic Hotels & & stationery goods & toiletry retailing licensed restau-Selected Total all retailing retailing retailing n.e.c. clubs rants industries Month \$ MILLION 2004 640.8 943.9 1 584.7 415.6 226.6 642.3 1 446.0 991.1 205.5 2 642.6 January 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 14 670.3 965.7 1 669.1 1 418.0 1 026.1 434.9 220.1 654.9 703.4 190.2 2 634.3 15 758.3 March 404.5 205.6 610.2 685.6 903.3 1 588.9 1 435.6 986.7 205.8 2 628.1 418.9 949.9 1 665.0 1 407.5 980.0 2 590.3 Mav 194.5 613.4 715.0 202.8 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 15 842.8 969.0 ^ 212.4 2 647.6 July 437.5 220.9 658.4 723.5 957.1 1 680.6 1 466.2 963.8 ^ 195.7 2 575.2 974.0 1 705.6 1 415.7 August 429.2 201.0 630.2 731.6 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 2 603.3 997.7 ^ 220.3 638.7 744.8 1 070.2 1 814.9 October 415.2 223.5 1 494.9 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 December 594.2 383.3 977.5 916.0 1 647.2 2 563.2 1 636.5 1 079.4 ^ 255.8 2 971.6 21 356.6 2005 January 449.5 205.6 655.1 602.4 943.9 1 546.3 1 380.4 901.8 ^ 208.8 2 491.1 % CHANGE FROM PRECEDING MONTH 2004 January -27.0-45.7-34.9 -27.4-44.3-38.5-11.0-11.0-13.5-11.2-21.7-3.1 -4.2 -7.5 February -3.4-14.7-7.4-2.3 -2.6-9.3 -10.7-9.0 March 8.1 8.3 13.8 10.1 13.2 4.7 8.1 8.1 3.6 7.8 7.4 -7.0-6.8 -2.5-6.5-0.2April -6.6 -4.81.2 -3.88.2 Mav 3.5 -5.40.5 4.3 5.2 4.8 -2.0-0.7-1.4-1.50.6 June -2.38.1 1.0 -0.6-1.6-1.2-0.7-6.2-2.5-2.9-0.2July 6.9 5.1 6.3 1.8 2.4 2.1 4.9 5.4 7.4 5.3 3.0 August -1.9-9.0 -4.31.1 1.8 1.5 -3.4-0.5-7.9-2.7-3.0September -1.74.8 -0.37.0 2.0 2.1 5.7 4.2 2.9 1.1 2.8 October -3.04.0 -0.7-0.33.9 2.1 7.4 -1.29.4 4.2 3.3 November 4.2 5.4 4.6 2.1 4.8 3.7 -3.7-3.1 -3.8-3.5 1.2 37.4 62.8 46.3 20.5 46.9 13.7 20.7 13.5 December 36.2 11.6 25.6 2005 -24.4 -46.4-33.0-34.2-42.7-39.7-15.6-16.4-18.4-16.2-25.0January % CHANGE FROM CORRESPONDING MONTH OF PREVIOUS YEAR 2004 10.1 6.3 5.9 20.5 10.6 January 8.7 11.4 6.9 8.6 1.7 8.8 16.0 February 14.6 11.2 13.5 9.6 12.1 7.2 26.7 6.3 13.9 11.7 March 19.2 17.2 18.5 20.1 9.9 14.0 4.4 23.5 2.1 10.9 8.9 20.1 1.9 13.3 12.9 7.0 22.2 20.0 April 0.1 5.3 13.2 8.7 -0.410.0 Mav 16.3 10.4 -1.23.4 3.8 15.3 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 8.1 6.5 7.6 8.2 1.2 4.1 5.7 11.7 9.0 8.1 0.1 1.6 9.7 August 1.8 -1.10.9 0.0 4.0 -1.16.2 4.4 September 4.4 4.4 11.8 12.7 4.5 1.5 5.6 0.6 7.6 5.5 -0.4 October 0.4 -1.90.6 -3.00.5 -0.711.9 0.9 2.4 -1.5November 0.9 -8.8 -2.8 3.4 -5.3-1.9-2.9-2.68.4 -2.02.0 December 4.4 -8.1 -0.9 3.8 -2.7-0.50.8 -3.1 7.6 -0.13.7 2005 2.0 0.0 -5.7-0.7January 8.1

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

⁽a) See paragraph 5 of Explanatory Notes.

RETAIL TURNOVER, By state

	New South			South	Western		Northern	Australian Capital	
Month	Wales	Victoria	Queensland	Australia	Australia	Tasmania	Territory	Territory	Australia
• • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •
			ORI	GINAL (\$	million)				
2003									
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	= 400 =	0.050.0	0.054.0		4 =00 0	0.40 =	400.0		40.404.5
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 March	4 944.9 5 310.1	3 606.3 3 900.2	2 881.7 3 052.7	1 069.3 1 174.6	1 437.7 1 539.5	317.6 340.4	134.1 143.3	278.6 297.5	14 670.3 15 758.3
April	5 357.6	3 798.0	3 088.2	1 174.0	1 567.5	340.4	150.7	297.5	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
December	7 222.8	5 222.1	4 109.2	1 575.3	2 180.0	467.7	183.7	395.7	21 356.6
2005	E 440.0	2 700 0	20442	1 107 1	1 604 4	250.0	1440	202 5	16.000.0
January	5 449.2	3 788.9	3 214.3	1 167.1	1 601.1	350.9	144.8	290.5	16 006.8
• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •
			SEASONAL	LY ADJUS	ΓΕD (\$ m	nillion)			
2003									
November	5 540.1	3 866.3	3 181.3	1 179.6	1 552.3	341.1	156.0	307.0	16 123.6
December	5 459.8	3 831.3	3 181.5	1 185.2	1 561.7	341.2	155.8	306.8	16 023.3
2004									
January	5 483.2	3 925.9	3 211.7	1 198.2	1 587.0	345.0	155.5	306.9	16 213.3
February	5 473.7	3 955.5	3 213.0	1 191.4	1 574.9	340.8	156.9	306.3	16 212.5
March	5 513.4	3 968.3	3 208.9	1 203.9	1 592.9	344.1	154.6	304.8	16 290.8
April	5 521.0	3 921.6	3 222.6	1 198.3	1 612.9	344.8	158.6	303.2	16 283.2
May	5 558.5	3 926.0	3 264.6	1 201.7	1 619.5	346.2	160.4	303.6	16 380.4
June	5 688.5	3 960.8	3 316.4	1 228.1	1 647.6	352.7	167.4	312.3	16 673.7
July	5 594.2	3 930.0	3 287.3	1 209.1	1 649.6	353.7	161.7	303.8	16 489.4
August	5 556.3	3 975.3	3 313.8	1 207.5 1 212.1	1 648.6 1 686.6	347.6	162.2 165.7	306.4	16 517.6 16 633.4
September October	5 563.8 5 562.6	4 011.3 3 971.3	3 334.2 3 255.4	1 212.1	1 646.6	351.9 351.2	162.6	307.9 307.2	16 461.4
November	5 549.2	3 949.4	3 252.9	1 203.8	1 655.2	347.8	162.3	307.2	16 425.8
December	5 537.6	3 925.2	3 197.9	1 202.5	1 659.3	352.0	163.5	308.1	16 346.1
2005	3 337.0	0 020.2	0 101.5	1 202.3	1 000.0	332.0	100.0	300.1	10 0-0.1
January	5 574.9	3 933.4	3 247.0	1 205.3	1 644.4	358.5	164.9	308.4	16 436.8
,									
• • • • • • • • • • •	• • • • • • •	• • • • • • • •	TDEND I				• • • • • • •		• • • • • • • •
			IKEND	ESTIMATES) (\$ IIIIII	1011)			
2003									
November	5 469.5	3 843.2	3 170.2	1 175.9	1 554.9	340.7	155.0	306.7	16 016.1
December	5 481.4	3 878.8	3 189.8	1 184.9	1 562.9	341.9	155.3	306.1	16 101.1
2004	- 10				4 ==0 0	0.40 =	4== 0	005.5	40.40=0
January	5 487.7	3 909.2	3 202.0	1 191.8	1 572.8	342.5	155.6	305.7	16 167.3
February	5 498.5	3 930.8	3 212.7	1 196.9	1 584.6	343.3	156.3	305.4	16 228.4
March April	5 518.9 5 546.5	3 941.1 3 944.5	3 224.9 3 243.3	1 200.9 1 204.8	1 597.1 1 610.6	344.4 346.0	157.5 159.1	305.4 305.4	16 290.2 16 360.2
May	5 574.4	3 944.5	3 266.1	1 204.5	1 625.1	347.9	160.9	305.4	16 435.1
June	5 593.6	3 951.4	3 288.6	1 211.1	1 638.9	349.6	162.4	306.1	16 501.7
July	5 597.1	3 959.3	3 303.2	1 212.1	1 650.5	350.5	163.4	306.6	16 542.8
August	5 587.9	3 967.9	3 304.6	1 211.2	1 657.5	350.8	163.7	306.8	16 550.4
September	5 572.6	3 971.1	3 292.9	1 209.0	1 659.9	350.7	163.5	306.9	16 526.6
October	5 559.6	3 966.6	3 274.4	1 206.6	1 659.4	350.9	163.4	306.9	16 487.8
November	5 552.6	3 957.6	3 255.3	1 204.8	1 657.6	351.5	163.4	307.1	16 450.0
December	5 547.8	3 946.9	3 237.1	1 203.2	1 654.9	352.5	163.5	307.3	16 413.0
2005									
January	5 552.2	3 937.7	3 221.8	1 203.2	1 652.1	353.7	164.0	308.1	16 391.7



RETAIL TURNOVER PERCENTAGE CHANGE, By state

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
• • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •
		OR	IGINAL (%	change f	rom prece	eding mon	th)		
2003									
November	2.1	1.8	0.0	1.4	1.8	2.4	-3.9	4.3	1.5
December	22.6	25.8	23.2	23.2	24.5	25.6	10.0	22.6	23.6
2004			40.4	0.4.0		24.2	40.0		a
January	-22.6	-23.2	-19.1	-21.2	-20.6	-21.0	-18.9	-25.0	-21.7
February March	-9.0 7.4	-6.5 8.1	-11.4 5.9	-10.4 9.8	-10.0 7.1	-9.2 7.2	-4.0 6.8	–5.0 6.8	-9.0 7.4
April	0.9	-2.6	5.9 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
December	25.3	27.6	23.2	25.8	26.6	30.2	13.5	25.8	25.6
2005	04.0	07.4	04.0	05.0	00.0	05.0	04.0	00.0	05.0
January	-24.6	–27.4	-21.8	-25.9	-26.6	-25.0	-21.2	-26.6	-25.0
• • • • • • • • • •									• • • • • • •
	5	EASUNAL	LY ADJUS	IED (% cn	iange from	m preceai	ng month)	
2003									
November	1.8	1.6	0.7	0.7	0.8	0.9	1.2	1.9	1.3
December	-1.4	-0.9	0.0	0.5	0.6	0.0	-0.1	-0.1	-0.6
2004	0.4	0.5	0.0	4.4	4.0	4.4	0.0	0.0	4.0
January	0.4 -0.2	2.5 0.8	0.9 0.0	1.1 -0.6	1.6 -0.8	1.1 -1.2	-0.2 0.9	0.0 -0.2	1.2 0.0
February March	-0.2 0.7	0.8	-0.1	-0.6 1.1	-0.8 1.1	1.0	-1.4	-0.2 -0.5	0.5
April	0.1	-1.2	0.1	-0.5	1.1	0.2	2.6	-0.5 -0.5	0.0
May	0.7	0.1	1.3	0.3	0.4	0.4	1.1	0.1	0.6
June	2.3	0.9	1.6	2.2	1.7	1.9	4.4	2.9	1.8
July	-1.7	-0.8	-0.9	-1.6	0.1	0.3	-3.4	-2.7	-1.1
August	-0.7	1.2	0.8	-0.1	-0.1	-1.7	0.3	0.8	0.2
September	0.1	0.9	0.6	0.4	2.3	1.2	2.2	0.5	0.7
October	0.0	-1.0	-2.4	-0.6	-2.4	-0.2	-1.9	-0.2	-1.0
November	-0.2	-0.6	-0.1	0.0	0.5	-0.9	-0.2	-0.6	-0.2
December 2005	-0.2	-0.6	-1.7	-0.1	0.3	1.2	0.8	0.9	-0.5
January	0.7	0.2	1.5	0.2	-0.9	1.9	0.8	0.1	0.6
			• • • • • • • •			• • • • • • • •			
		TREND	ESTIMATES	S (% chan	ge from p	preceding	month)		
2003									
November	0.5	1.0	1.0	0.9	0.5	0.7	0.4	-0.2	0.7
December	0.2	0.9	0.6	0.8	0.5	0.4	0.2	-0.2	0.5
2004									
January	0.1	0.8	0.4	0.6	0.6	0.2	0.2	-0.1	0.4
February	0.2	0.6	0.3	0.4	0.8	0.2	0.5	-0.1	0.4
March	0.4	0.3	0.4	0.3 0.3	0.8	0.3	0.7	0.0	0.4
April May	0.5 0.5	0.1 0.1	0.6 0.7	0.3	0.8 0.9	0.5 0.5	1.0 1.1	0.0 0.1	0.4 0.5
June	0.5	0.1	0.7	0.3	0.9	0.5	1.1	0.1	0.5
July	0.1	0.2	0.4	0.1	0.7	0.3	0.6	0.1	0.4
August	-0.2	0.2	0.0	-0.1	0.4	0.1	0.2	0.1	0.0
September	-0.3	0.1	-0.4	-0.2	0.1	0.0	-0.1	0.0	-0.1
October	-0.2	-0.1	-0.6	-0.2	0.0	0.1	-0.1	0.0	-0.2
November	-0.1	-0.2	-0.6	-0.2	-0.1	0.2	0.0	0.1	-0.2
December	-0.1	-0.3	-0.6	-0.1	-0.2	0.3	0.1	0.1	-0.2
2005									
January	0.1	-0.2	-0.5	0.0	-0.2	0.3	0.3	0.3	-0.1



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

	Food	Department	Clothing and soft good	Household good	Recreational good	Other	Hospitality and	
Month	retailing	stores	retailing	retailing	retailing	retailing	services	Total
• • • • • • • • • •	• • • • • •	• • • • • • • •	OPIC	INAL (\$ r	million)	• • • • • • • • •	• • • • • • • • • •	• • • • • • •
2003			ORIG	IINAL (\$ I	111111011)			
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	2 000.1	020.0	002.0	020.2	011.2	00 1.1	1 100.0	. 020.1
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	516.3	967.5	4 944.9
March	2 098.6	376.0	332.5	677.5	227.3	554.2	1 043.9	5 310.1
April	2 126.6	424.7	353.9	635.2	194.6	518.6	1 103.9	5 357.6
May	2 106.0	435.5	393.9	679.4	203.7	558.6	1 065.5	5 442.6
June	2 032.4	462.0	380.9	707.1	199.5	533.1	1 035.6	5 350.5
July	2 148.5	430.7	353.3	744.4	214.2	535.5	1 087.9	5 514.5
August	2 103.5	392.5	328.8	705.9	205.2	542.8	1 058.4	5 337.1
September	2 127.9	443.4	366.3	715.0	205.1	564.8	1 050.8	5 473.3
October	2 194.1	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
December	2 519.3	844.9	561.3	995.1	311.2	774.0	1 217.0	7 222.8
2005								
January	2 176.1	417.5	385.4	761.7	201.9	495.8	1 010.7	5 449.2
• • • • • • • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • • • •	• • • • • • • •		• • • • • • • • •	• • • • • • • • • •	• • • • • • • •
		S	EASONALL	Y ADJUST	ED (\$ milli	on)		
2003								
November	2 087.3	449.6	371.3	724.2	235.8	623.1	1 048.8	5 540.1
December	2 080.1	438.9	369.0	711.9	225.8	589.6	1 044.6	5 459.8
2004								
January	2 106.2	449.8	375.3	711.6	214.0	591.1	1 035.2	5 483.2
February	2 105.8	457.2	369.4	712.5	214.5	578.2	1 036.1	5 473.7
March	2 115.2	450.1	364.0	710.2	220.1	590.0	1 063.8	5 513.4
April	2 131.2	453.8	368.7	698.1	211.2	559.7	1 098.2	5 521.0
May	2 151.3	452.6	380.2	714.1	219.1	571.0	1 070.1	5 558.5
June	2 174.3	479.8	389.6	725.4	216.8	586.4	1 116.1	5 688.5
July	2 148.5	470.7	375.8	741.2	213.1	568.7	1 076.2	5 594.2
August	2 166.3	468.5	375.0	719.7	207.0	556.3	1 063.5	5 556.3
September	2 158.9	472.5	381.4	735.8	206.7	563.9	1 044.6	5 563.8
October	2 139.1	456.4	372.0	749.8	214.4	557.7	1 073.3	5 562.6
November	2 158.3	454.9	377.8	761.8	207.8	531.1	1 057.5	5 549.2
December	2 160.8	446.3	370.7	756.3	222.1	520.6	1 060.8	5 537.6
2005								
January	2 139.5	477.9	386.8	784.4	219.3	548.6	1 018.4	5 574.9
• • • • • • • • • •	• • • • • •	• • • • • • • • •	TDENID E	CTIMATEC	(\$ million	` • • • • • • • • •	• • • • • • • • • •	• • • • • • •
0000			IKEND E	SIIWIAIES	(\$ 1111111011)		
2003	0.070.4	445.5	207.0	704.4	000 7	COE 2	4 000 0	E 400 E
November	2 072.1	445.5	367.0	721.1	226.7	605.3	1 032.3	5 469.5
December	2 085.5	447.2	368.9	718.1	223.9	600.2	1 037.9	5 481.4
2004	0.000.4	440.7	200.0	740.0	200 7	500 F	4.044.0	F 407.7
January	2 098.1	448.7	369.9	713.2	220.7	592.5	1 044.6	5 487.7
February	2 110.8	450.4	370.5	709.4	218.1	584.7	1 054.4	5 498.5
March	2 123.4	453.3	371.8	708.5	216.6	578.6	1 066.8	5 518.9
April	2 136.1	457.6	373.9	710.6	215.6	575.0	1 077.7	5 546.5
May	2 147.6	462.6	376.4	714.7	214.9	573.5	1 084.6	5 574.4
June	2 155.9	467.1	378.7	720.2	213.8	572.3	1 085.5	5 593.6
July	2 159.9	469.1	379.5	726.3	212.1	569.2	1 081.2	5 597.1
August	2 159.9	468.3	378.7	733.0	210.6	563.9	1 073.4	5 587.9
September	2 157.3	465.4	377.2	740.2	210.5	556.7	1 065.5	5 572.6
October	2 154.4	462.0	376.2	747.8	211.5	548.8	1 058.9	5 559.6
November	2 152.2	459.8	376.4	756.2	213.4	541.9	1 052.7	5 552.6
December	0.450.0	458.8	377.1	764.6	215.7	536.4	1 046.1	5 547.8
	2 150.2	430.0	311.1	704.0	210.1	000.	20.0.2	0 0 11.0
2005	2 150.2	436.6	311.1	704.0	218.0	33311	10.01	0011.0

 $^{^{\}circ}$ 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

	F	D	Clothing and	Household	Recreational	046	Hospitality	
Month	Food retailing	Department stores	soft good retailing	good retailing	good retailing	Other retailing	and services	Total
•	• • • • • • •	• • • • • • • • •		INAL (\$ m		•		
2003								
November	1 554.5	370.5	272.9	604.0	154.3	515.5	521.2	3 992.9
December	1 761.6	600.2	370.9	756.0	240.6	707.2	585.3	5 021.7
2004								
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	552.3 576.7	127.9	429.6	504.5	3 782.7
June	1 528.7 1 593.8	338.0 310.8	^ 273.8 275.1	576.7 571.8	^ 131.6 140.2	429.6 446.2	485.7 527.1	3 764.1 3 865.0
July 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	593.4	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
December	1 885.9	611.5	388.7	815.1	218.0	705.6	597.4	5 222.1
2005	1 000.9	011.5	366.1	010.1	210.0	705.0	397.4	5 222.1
January	1 615.4	294.3	254.3	616.0	132.1	385.5	491.3	3 788.9
		S	EASONALLY	ADJUSTE	ED (\$ millio	n)		
2003								
November	1 551.5	325.3	263.1	577.2	150.6	476.6	522.0	3 866.3
December	1 531.4	316.1	259.7	586.2	151.0	472.3	514.7	3 831.3
2004	1 001.1	010.1	200.1	000.2	101.0	112.0	01111	0 001.0
January	1 589.2	314.9	265.5	610.4	148.0	469.4	528.5	3 925.9
February	1 606.3	326.1	276.0	609.0	149.8	470.3	518.0	3 955.5
March	1 598.1	320.7	255.7	621.2	153.0	489.8	529.7	3 968.3
April	1 613.9	328.6	268.8	589.9	149.9	456.8	513.7	3 921.6
May	1 616.0	321.4	273.7	585.5	141.7	462.0	525.8	3 926.0
June	1 624.3	331.6	278.5	583.2	143.6	477.9	521.8	3 960.8
July	1 592.8	338.9	286.8	589.2	145.6	470.3	506.4	3 930.0
August	1 605.7	334.9	294.0	615.9	146.2	463.7	515.0	3 975.3
September	1 620.2	345.9	281.2	614.1	150.2	468.0	531.8	4 011.3
October	1 610.7	327.9	276.9	624.6	143.3	461.5	526.4	3 971.3
November	1 615.9	318.0	265.2	627.5	138.4	459.5	524.9	3 949.4
December	1 601.0	323.5	270.7	624.5	135.7	458.6	511.3	3 925.2
2005								
January	1 600.2	340.9	278.5	624.8	136.9	447.1	505.0	3 933.4
• • • • • • • • •	• • • • • •	• • • • • • • •			· · · · · · · · · · · · · · · · · · ·	• • • • • • • •	• • • • • • • • •	• • • • • • •
			IREND ES	TIMATES	(\$ million)			
2003								
November	1 550.1	320.9	259.2	588.8	146.4	472.5	509.9	3 843.2
December	1 563.9	320.8	262.3	594.6	149.3	475.0	518.0	3 878.8
2004								
January	1 579.7	320.6	264.3	600.7	150.8	474.8	522.9	3 909.2
February	1 594.9	321.0	265.5	603.5	150.6	473.6	524.8	3 930.8
•	1 605.9	322.3	267.3	602.1	149.3	471.8	523.8	3 941.1
March		324.8	270.4	597.9	147.7	470.5	521.3	3 944.5
March April	1 611.8				146.5	469.8	519.2	3 946.6
March April May	1 613.1	328.7	275.1	593.5	4 4 0 0			3 951.4
March April May June	1 613.1 1 612.6	328.7 332.5	280.1	592.4	146.0	469.0	518.4	
March April May June July	1 613.1 1 612.6 1 611.7	328.7 332.5 334.7	280.1 283.3	592.4 596.5	145.8	468.3	519.0	3 959.3
March April May June July August	1 613.1 1 612.6 1 611.7 1 611.2	328.7 332.5 334.7 335.0	280.1 283.3 283.8	592.4 596.5 604.6	145.8 145.5	468.3 467.2	519.0 520.6	3 959.3 3 967.9
March April May June July August September	1 613.1 1 612.6 1 611.7 1 611.2 1 610.6	328.7 332.5 334.7 335.0 333.7	280.1 283.3 283.8 281.5	592.4 596.5 604.6 613.5	145.8 145.5 144.7	468.3 467.2 465.5	519.0 520.6 521.6	3 959.3 3 967.9 3 971.1
March April May June July August September October	1 613.1 1 612.6 1 611.7 1 611.2 1 610.6 1 610.0	328.7 332.5 334.7 335.0 333.7 331.5	280.1 283.3 283.8 281.5 278.0	592.4 596.5 604.6 613.5 620.3	145.8 145.5 144.7 143.0	468.3 467.2 465.5 462.4	519.0 520.6 521.6 521.4	3 959.3 3 967.9 3 971.1 3 966.6
March April May June July August September October November	1 613.1 1 612.6 1 611.7 1 611.2 1 610.6 1 610.0 1 608.9	328.7 332.5 334.7 335.0 333.7 331.5 329.7	280.1 283.3 283.8 281.5 278.0 274.8	592.4 596.5 604.6 613.5 620.3 624.7	145.8 145.5 144.7 143.0 140.8	468.3 467.2 465.5 462.4 459.0	519.0 520.6 521.6 521.4 519.7	3 959.3 3 967.9 3 971.1 3 966.6 3 957.6
March April May June July August September October November December	1 613.1 1 612.6 1 611.7 1 611.2 1 610.6 1 610.0	328.7 332.5 334.7 335.0 333.7 331.5	280.1 283.3 283.8 281.5 278.0	592.4 596.5 604.6 613.5 620.3	145.8 145.5 144.7 143.0	468.3 467.2 465.5 462.4	519.0 520.6 521.6 521.4	3 959.3 3 967.9 3 971.1 3 966.6 3 957.6 3 946.9
March April May June July August September October November	1 613.1 1 612.6 1 611.7 1 611.2 1 610.6 1 610.0 1 608.9	328.7 332.5 334.7 335.0 333.7 331.5 329.7	280.1 283.3 283.8 281.5 278.0 274.8	592.4 596.5 604.6 613.5 620.3 624.7	145.8 145.5 144.7 143.0 140.8	468.3 467.2 465.5 462.4 459.0	519.0 520.6 521.6 521.4 519.7	3 959.3 3 967.9 3 971.1 3 966.6 3 957.6

 $[\]begin{tabular}{lll} \^{} & \text{estimate has a relative standard error of 10\% to less than} & \textbf{(a)} & \textbf{See paragraph 5 of the Explanatory Notes.} \end{tabular}$ 25% 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
WOTTEN	retuning	310703	retailing	retuiiiig	retaiiiig	retailing	30111003	rotar
• • • • • • • • • • •	• • • • • •	• • • • • • • •	ORIGI	NAL (\$ m	nillion)	• • • • • • • •	• • • • • • • •	
2003								
November	1 247.9	261.2	226.8	471.2	^ 140.1	351.9	567.8	3 266.9
December	1 417.5	415.9	316.0	553.7	^ 198.3	481.2	641.1	4 023.6
2004								
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	172.6	413.5	^ 119.8	279.9	507.6	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	3 088.2
May	1 273.1	213.9	217.6	437.5	^ 134.7	331.3	520.9	3 129.0
June	1 266.5	241.8 233.2	238.9 233.8	461.2 461.7	^ 139.1	341.6	508.7 520.3	3 197.9
July	1 341.4				^ 147.4	348.2		3 286.0
August September	1 302.3 1 304.3	212.0 245.7	216.4 246.8	456.9 467.7	^ 136.7 138.3	368.3 387.2	522.0 529.6	3 214.6 3 319.6
October	1 312.0	245.7	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
December	1 443.9	440.9	327.9	572.0	^ 205.8	534.0	584.6	4 109.2
2005	1 445.5	440.3	321.9	312.0	203.0	334.0	304.0	4 103.2
January	1 286.9	226.4	250.8	466.0	^ 147.1	328.0	509.2	3 214.3
• • • • • • • • • •	• • • • • •	• • • • • • • •		• • • • • • • •			• • • • • • • • •	• • • • • • • •
		SE	ASONALLY	ADJUSTE	ED (\$ milli	on)		
2003								
November	1 268.9	228.4	220.4	448.0	139.3	328.5	547.8	3 181.3
December 2004	1 277.3	223.5	217.8	439.0	139.2	329.7	555.0	3 181.5
January	1 298.9	229.5	218.0	449.7	131.2	324.8	559.6	3 211.7
February	1 303.3	235.0	218.9	451.1	132.8	322.0	549.8	3 213.0
March	1 286.0	233.0	220.2	461.3	133.2	328.2	547.1	3 208.9
April	1 300.2	234.3	219.8	461.6	141.2	338.5	527.1	3 222.6
May	1 297.5	236.6	228.5	464.7	150.3	343.8	543.2	3 264.6
June	1 318.5	243.7	249.4	468.2	151.3	351.1	534.2	3 316.4
July	1 316.4	248.4	236.7	462.2	148.5	363.2	511.8	3 287.3
August	1 326.4	249.0	237.5	458.1	139.3	378.9	524.7	3 313.8
September	1 315.4	249.9	236.0	467.1	140.5	396.4	528.9	3 334.2
October	1 285.6	247.0	230.3	469.2	141.2	371.5	510.7	3 255.4
November	1 284.5	243.4	232.7	480.9	138.6	371.3	501.5	3 252.9
December	1 274.2	235.8	227.3	454.2	142.1	366.8	497.5	3 197.9
2005	4.070.0	050.0	222.2	400.0	4400	250.0	=44.0	0.047.0
January	1 272.3	253.9	236.0	468.8	146.3	358.0	511.8	3 247.0
• • • • • • • • • •	• • • • • •	• • • • • • • •	TREND ES	TIMATES	(\$ million)	• • • • • • • •	• • • • • • • • •
2003			THE TO		(4	,		
November	1 267.2	227.5	219.5	446.0	135.1	326.6	547.1	3 170.2
December	1 278.5	228.7	219.5	447.0	135.1	326.0	553.4	3 170.2
2004	1210.5	226.1	218.0	447.0	133.0	320.0	555.4	3 109.0
January	1 285.7	229.7	218.0	449.4	134.9	325.8	554.7	3 202.0
February	1 290.4	231.2	218.9	453.3	135.9	326.8	551.9	3 212.7
March	1 294.2	233.3	221.7	457.7	138.4	329.9	546.0	3 224.9
April	1 299.6	236.2	226.3	461.4	141.7	335.9	539.5	3 243.3
May	1 306.5	239.6	231.4	463.2	144.9	345.0	534.3	3 266.1
June	1 312.8	243.2	235.7	464.2	146.7	356.1	529.9	3 288.6
July	1 316.2	246.0	237.9	464.8	146.2	366.8	525.9	3 303.2
August	1 314.3	247.4	237.7	465.5	144.2	374.3	521.6	3 304.6
September	1 307.0	247.3	235.7	466.3	142.1	377.4	517.0	3 292.9
October	1 297.2	246.4	233.5	467.2	140.9	376.7	512.4	3 274.4
November	1 287.2	245.6	232.0	467.7	140.9	373.6	508.4	3 255.3
December	1 278.1	245.0	231.0	467.8	141.4	369.5	505.3	3 237.1
2005								
January	1 270.9	244.8	231.3	467.8	142.5	364.7	503.6	3 221.8

[•] 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

	Food	Department	Clothing and soft good	Household good	Recreational good	Other	Hospitality and	-
Month	retailing	stores	retailing	retailing	retailing	retailing	services	Tota
• • • • • • • • • •	• • • • • •	• • • • • • • • •	ORIO	GINAL (\$ r	million)	• • • • • • • • • •		• • • • • • • • • •
2003								
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	507.8	110.7	62.1	186.8	^37.5	120.8	203.4	1 229.1
November	502.8	123.0	58.9	196.7	^ 42.0	134.9	194.2	1 252.5
December	594.2	191.0	80.6	237.9	^ 66.2	180.1	225.2	1 575.3
2005 January	485.1	105.9	53.7	180.6	^ 40.3	114.5	187.1	1 167.1
								• • • • • • • • •
		S	SEASONALL	Y ADJUST	ED (\$ mill	ion)		
2003								
November	467.6	109.6	60.6	174.6	34.5	131.2	201.6	1 179.6
December	468.0	107.2	60.0	177.3	36.6	132.6	203.5	1 185.2
2004								
January	479.4	109.4	60.9	184.7	36.0	123.9	203.9	1 198.2
February	480.4	112.1	58.2	181.7	35.6	120.5	202.8	1 191.4
March	482.9	109.0	59.6	186.0	37.2	121.7	207.4	1 203.9
April	482.6	111.8	60.9	179.3	40.3	117.2	206.3	1 198.3
May	483.9	110.5	60.6	175.3	39.5	118.6	213.3	1 201.7
June	496.0	114.3	63.5	181.5	40.8	122.6	209.4	1 228.1
July	495.8	113.1	61.9	179.8	40.5	119.6	198.4	1 209.1
August	492.7	115.8	66.2	174.5	39.5	122.0	196.9	1 207.5
September	494.4	115.0	65.9	183.0	38.3	119.4	196.1	1 212.1
October	496.5	113.1	59.4	180.7	39.7	121.5	193.5	1 204.4
November	498.9	108.3	57.5	182.3	40.3	124.7	191.8	1 203.8
December	503.8	103.8	56.1	184.3	40.8	127.1	186.5	1 202.5
2005								
January	489.1	119.8	57.0	184.3	42.5	126.5	186.2	1 205.3
• • • • • • • • • •	• • • • • •	• • • • • • • • •	TDEND E	CTIMATEC	(\$ million		• • • • • • • • •	• • • • • • • • •
2003			INCIND E	STIMATES	(ψ 111111101	1)		
November	466.6	109.0	58.9	176.9	34.3	128.2	202.0	1 175.9
December	471.2	109.0	59.7	170.9	35.1	126.2	202.8	1 184.9
2004								
January	475.4	109.7	60.0	180.8	36.0	125.8	204.0	1 191.8
February	479.1	110.0	60.0	181.9	37.0	123.2	205.6	1 196.9
March	482.4	110.5	60.0	182.0	38.0	120.9	207.2	1 200.9
April	485.4	111.2	60.5	181.1	38.9	119.6	208.0	1 204.8
May	488.3	112.3	61.6	179.8	39.6	119.3	207.6	1 208.5
June	490.7	113.4	62.9	178.8	40.0	119.6	205.8	1 211.1
July	493.0	114.0	63.7	178.5	40.0	120.1	202.8	1 212.1
August	495.0	113.8	63.6	179.1	39.7	120.7	199.2	1 211.2
September	496.3	113.0	62.6	180.2	39.6	121.6	195.7	1 209.0
October	496.9	112.1	61.0	181.3	39.8	122.7	192.8	1 206.6
November	497.2	111.4	59.2	182.4	40.3	123.9	190.4	1 204.8
December	497.0	111.2	57.5	183.4	40.8	125.2	188.3	1 203.2
2005								
January	496.8	111.3	56.2	184.4	41.4	126.5	186.9	1 203.2

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



			Clothing and	Household	Recreational		Hospitality	
	Food	Department	soft good	good	good	Other	and	Total
Month	retailing	stores	retailing	retailing	retailing	retailing	services	TOLAI
• • • • • • • • • •	• • • • • •	• • • • • • • • •	ORIG	GINAL (\$ r	million)	• • • • • • • • • •		• • • • • • • •
2003								
November	670.2	150.1	87.2	270.5	^ 78.9	^ 152.5	207.3	1 616.7
December	792.9	229.8	118.2	313.8	^ 115.5	^ 217.2	225.4	2 012.7
2004								
January	698.0	115.0	87.8	265.1	^ 84.7	142.4	205.2	1 598.3
February	643.4	96.2	69.2	222.0	^ 76.4	139.9	190.5	1 437.7
March	681.3	109.3	78.2	242.0	^ 79.6	145.8	203.3	1 539.5
April	707.9	124.5	83.1	233.6	^ 73.8	144.5	200.0	1 567.5
May	683.2	126.3	84.7	251.1	^ 74.5	148.0	192.9	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
December	846.6	243.9	131.8	360.0	^ 123.6	248.9	225.3	2 180.0
2005 January	675.3	119.9	83.9	280.5	^ 99.1	150.9	191.6	1 601.1
January	013.3	113.3	00.0	200.0	33.1	150.5	101.0	1 001.1
• • • • • • • • • •	• • • • • • •	S	EASONALL	Y ADJUST	ED (\$ milli	ion)	• • • • • • • • • •	• • • • • • • • •
2003								
November	666.8	130.1	83.4	249.7	79.1	142.4	200.7	1 552.3
December	680.2	124.8	81.0	248.8	81.2	149.0	196.7	1 561.7
2004								
January	678.3	127.9	88.7	259.5	81.6	150.5	200.5	1 587.0
February	678.2	129.3	85.7	243.9	80.1	156.4	201.4	1 574.9
March	678.9	130.4	88.6	257.2	81.9	154.3	201.6	1 592.9
April	699.3	131.0	84.0	262.0	79.1	156.0	201.5	1 612.9
May	701.7	129.7	81.4	264.6	79.3	157.3	205.4	1 619.5
June	710.6	133.8	86.6	271.6	80.2	158.9	205.9	1 647.6
July	705.4	135.9	86.5	279.3	77.6	163.0	201.9	1 649.6
August	711.7	135.5	86.5	274.2	79.4	159.7	201.6	1 648.6
September	720.1	141.6	90.1	279.8	86.2	166.1	202.7	1 686.6
October	700.0	131.7	91.1	271.5	85.5	174.3	192.5	1 646.6
November	699.6	132.9	88.3	278.6	85.9	171.1	198.8	1 655.2
December	704.6	132.1	89.2	282.7	87.4	170.7	192.6	1 659.3
2005								
January	681.8	137.1	87.9	280.1	95.7	165.9	195.8	1 644.4
• • • • • • • • •	• • • • • •	• • • • • • • • •	TDENID E	OTIMATEC	(\$ million	• • • • • • • • • •	• • • • • • • • •	• • • • • • • •
2003			TIVEIND E	OTTWATES	(Ψ πππτοπ	,		
November	671.2	128.9	83.8	250.0	79.2	143.5	198.3	1 554.9
December	672.7	128.5	84.4	251.0	80.1	147.2	199.0	1 562.9
2004								
January	676.2	128.3	85.2	251.9	80.7	150.6	199.9	1 572.8
February	681.3	128.6	85.7	253.7	81.0	153.3	201.0	1 584.6
March	687.4	129.3	85.6	256.8	80.6	155.3	202.2	1 597.1
April	694.1	130.5	85.3	261.1	79.8	156.6	203.2	1 610.6
May	700.8	132.2	85.1	266.2	79.3	157.6	203.9	1 625.1
June	706.6	133.9	85.4	270.7	79.3	159.2	203.9	1 638.9
July	710.5	135.1	86.3	274.1	79.9	161.5	203.1	1 650.5
August	711.3	135.7	87.6	276.0	81.2	164.2	201.5	1 657.5
September	709.4	135.7	88.7	276.9	83.0	166.7	199.6	1 659.9
October	705.9	135.2	89.2	277.6	85.2	168.7	197.7	1 659.4
November	701.7	134.6	89.3	278.5	87.4	169.9	196.1	1 657.6
December	697.1	134.2	89.2	279.4	89.6	170.5	194.9	1 654.9
2005								
January	692.9	133.9	89.1	280.1	91.7	170.5	194.2	1 652.1

 $^{^{\}smallfrown}\quad \text{ estimate has a relative standard error of 10\% to less than 25\%} \qquad \text{ (a)}\quad \text{See paragraph 5 of the Explanatory Notes.}$ and should be used with caution



RETAIL TURNOVER, By Industry Group(a)—Tasmania

	Food	Department	Clothing and soft good	Household good	Recreational good	Other	Hospitality and	
Month	retailing	stores	retailing	retailing	retailing	retailing	services	Tota
• • • • • • • • • •	• • • • • •	• • • • • • • • •	ORIG	GINAL (\$ m	nillion)	• • • • • • • •	• • • • • • • • • • •	• • • • • •
2003								
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.
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.
July	140.7	np	^ 16.0	58.1	^ 19.1	np	40.1	343.
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.:
December	170.3	np	23.9	80.3	^ 26.2	np	51.3	467.
2005 January	152.6	np	15.9	57.0	^ 17.8	np	42.1	350.
January	102.0	пр	10.0	31.0	17.0	пр	72.1	330.
• • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •		V ADJUCTE	D (# millio		• • • • • • • • • • •	• • • • • • •
		,	SEASUNALL	Y ADJUSTE	ED (\$ millio	n)		
2003								
November	137.9	np	16.1	57.8	19.3	np	40.1	341.:
December	136.4	np	16.9	57.2	19.6	np	40.6	341.2
2004								
January	138.8	np	17.3	58.6	18.5	np	38.3	345.0
February	137.3	np	16.5	56.8	19.3	np	40.8	340.8
March	139.0	np	16.7	58.6	18.7	np	40.8	344.:
April	139.0	np	16.3	55.9	19.2	np	41.8	344.8
May	140.0	np	16.1	57.0	19.6	np	41.8	346.2
June	141.6	np	17.4	58.1	19.8	np	41.8	352.
July	141.2	np	17.3	59.3	20.3	np	41.8	353.
August	141.2	np	17.7	58.6	19.6	np	39.3	347.0
September	142.2	np	18.0	57.6	21.2	np	40.6	351.9
October	142.7	np	15.6	59.8	19.7	np	41.1	351.2
November	144.2	np	15.6	58.8	18.4	np	40.6	347.8
December	146.0	np	15.7	60.2	18.2	np	41.5	352.0
2005	110.0	117	10.1	00.2	10.2	116	11.0	002.0
January	149.4	np	16.7	61.5	17.9	np	41.3	358.5
		• • • • • • • • •					• • • • • • • • • •	
			TREND E	STIMATES	(\$ million)			
2003								
November	136.8	np	16.6	57.7	19.4	np	40.1	340.7
December	137.5	np	16.7	57.7	19.2	np	40.0	341.9
2004								
January	137.9	np	16.7	57.6	19.0	np	40.0	342.5
February	138.3	np	16.6	57.5	19.0	np	40.4	343.3
March	138.8	np	16.6	57.4	19.1	np	40.9	344.4
April	139.4	np	16.6	57.4	19.2	np	41.3	346.0
May	140.0	np	16.8	57.5	19.5	np	41.5	347.
June	140.6	np	17.1	57.8	19.9	np	41.5	349.
July	141.1	np	17.2	58.1	20.1	np	41.2	350.
August	141.6	np	17.2	58.5	20.1	np	40.8	350.
September	142.3	np	16.9	58.8	19.9	np	40.7	350.
October	143.4	np	16.6	59.2	19.5	np	40.7	350.
November	144.7	np	16.2	59.2	19.0	np	40.7	351.
December	144.7		16.2	60.1	18.5		41.0	352.
	140.0	np	10.0	00.1	18.5	np	41.0	352.
2005 January	147.3	np	15.9	60.5	18.1	np	41.2	353.7

estimate has a relative standard error of 10% to less than 25% np not available for publication but included in totals where and should be used with caution

applicable, unless otherwise indicated

⁽a) See paragraph 5 of the Explanatory Notes.



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

	Food	Department	Clothing and soft good	Household good	Recreational good	Other	Hospitality and	
Month	retailing	stores	retailing	retailing	retailing	retailing	services	Total
• • • • • • • • • •	• • • • • •	• • • • • • • •		GINAL (\$ r	nillion)	• • • • • • • •	• • • • • • • • • •	
2003				·	·			
November	70.8	np	7.6	21.2	4.8	np	23.7	156.6
December	74.5	np	9.5	23.7	6.7	np	23.1	172.3
2004								
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
December	80.2	np	9.8	23.1	^ 7.0	np	^ 27.5	183.7
2005 January	67.2	np	7.1	20.2	^ 4.9	np	^ 23.8	144.8
		:	SEASONALL	Y ADJUST	ED (\$ milli	on)		
2003								
November	73.0	np	7.3	20.5	5.0	np	23.0	156.0
December	73.7	np	7.5	20.3	5.5	np	23.2	155.8
2004								
January	75.2	np	7.9	19.8	4.9	np	23.6	155.5
February	75.4	np	7.9	19.6	5.0	np	23.6	156.9
March	74.3	np	8.0	20.5	4.9	np	23.1	154.6
April	75.9	np	8.0	20.9	6.0	np	23.0	158.6
May	76.2	np	8.3	21.2	5.7	np	23.9	160.4
June	78.7	np	9.3	22.8	5.8	np	24.2	167.4
July	77.3	np	8.4	20.1	5.6	np	25.3	161.7
August	77.8	np	8.6	20.5	5.5	np	25.0	162.2
September	78.2	np	8.6	19.6	5.6	np	28.3	165.7
October	76.2	np	7.9	20.0	5.7	np	26.2	162.6
November	76.1	np	8.0	20.7	5.6	np	26.2	162.3
December	77.1	np	7.7	20.1	5.6	np	26.7	163.5
2005				a. =	- 0			4040
January	75.3	np	8.3	21.5	5.8	np	28.2	164.9
• • • • • • • • •	• • • • • •	• • • • • • • •		STIMATES	(\$ million)	• • • • • • • • •	• • • • • • • • • •	
2003					,			
November	73.2	np	7.6	20.2	5.2	np	23.3	155.0
December	73.8	np	7.6	20.2	5.1	np	23.2	155.3
2004								
January	74.4	np	7.7	20.1	5.0	np	23.2	155.6
February	74.9	np	7.9	20.3	5.0	np	23.2	156.3
March	75.5	np	8.0	20.6	4.8	np	23.3	157.5
April	76.1	np	8.2	20.9	(b)6.0	np	23.5	159.1
May	76.7	np	8.3	21.2	5.8	np	23.8	160.9
June	77.3	np	8.5	21.1	5.7	np	24.4	162.4
July	77.6	np	8.5	20.9	5.6	np	25.1	163.4
August	77.7	np	8.5	20.5	5.6	np	25.8	163.7
September	77.4	np	8.3	20.2	5.6	np	26.3	163.5
October	77.0	np	8.2	20.2	5.6	np	26.6	163.4
November	76.6	np	8.1	20.3	5.6	np	26.9	163.4
December	76.2	np	8.0	20.4	5.7	np	27.2	163.5
2005	70.0		2.2	00.0			07.4	4040
January	76.0	np	8.0	20.8	5.7	np	27.4	164.0

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

not available for publication but included in totals where

(a) See paragraph 5 of the Explanatory Notes.

(b) Break in series. See the 'Trend Estimates' section of the Explanatory Notes.

applicable, unless otherwise indicated



	Food	Department	Clothing and soft good	Household good	Recreational good	Other	Hospitality and	
Month	retailing	stores	retailing	retailing	retailing	retailing	services	Total
• • • • • • • • • • •	• • • • • •	• • • • • • • •	ORIG	INAL (\$ m	nillion)	• • • • • • • • •		
2003								
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								
January	120.2	25.8	16.2	57.7	13.0	25.1	35.2	293.3
February	114.3	21.5	15.1	50.0	14.2	24.2	39.4	278.6
March	119.2	26.0	16.6	55.0	14.1	26.2	40.4	297.5
April	117.7	28.7	17.3	51.3	13.3	25.4	40.1	293.6
May	120.0	29.4	18.7	53.2	13.3	24.4	41.7	300.6
June	115.1	30.4	18.5	56.6	^ 13.6	^ 24.6	^ 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	24.5	^ 43.9	311.7
November	124.1	31.3	18.8	58.8	13.9	^ 26.2	^ 41.4	314.5
December	141.0	52.0	27.2	75.6	19.5	37.1	^ 43.4	395.7
2005	102 4	25.2	18.5	EC 4	^ 12.0	19.8	^35.2	290.5
January	123.4	25.2	18.5	56.4	12.0	19.8	35.∠	290.5
• • • • • • • • • •	• • • • • •	SI	EASONALLY	ADJUSTI	ED (\$ milli	on)		
2003		0.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(+	· · · · ·		
November	116.8	29.3	17.9	57.7	15.1	26.4	43.8	307.0
December	118.5	28.8	17.5	57.2	16.1	25.9	42.9	306.8
2004	110.0	20.0	11.5	51.2	10.1	20.0	72.0	500.0
January	120.6	29.4	17.3	57.9	14.5	28.3	38.8	306.9
February	119.5	29.0	17.7	54.9	14.8	27.6	42.9	306.3
March	119.8	29.4	17.4	55.7	14.2	27.5	40.6	304.8
April	119.7	29.2	17.2	55.0	14.5	26.9	40.8	303.2
May	120.6	29.0	17.5	55.6	14.0	26.0	40.9	303.6
June	122.7	30.4	17.8	57.6	14.5	26.9	42.3	312.3
July	121.5	28.6	17.3	56.6	14.8	24.4	40.5	303.8
August	121.4	29.3	17.9	58.4	14.8	24.1	40.4	306.4
September	122.2	30.0	18.8	56.6	14.5	24.6	41.3	307.9
October	121.4	28.3	18.8	58.0	14.1	25.0	41.7	307.2
November	122.5	28.2	18.9	56.4	13.7	24.4	41.1	305.2
December	123.8	28.5	19.2	57.4	13.6	24.1	41.5	303.2
2005	125.0	20.5	19.2	57.4	13.0	24.1	41.5	300.1
January	126.4	29.1	20.2	57.3	13.5	22.9	39.2	308.4
• • • • • • • • •		• • • • • • • •			• • • • • • • •	• • • • • • • •		
			TREND ES	TIMATES	(\$ million)		
2003								
November	117.1	29.1	17.7	57.0	15.5	26.4	43.9	306.7
December 2004	118.1	29.1	17.6	56.9	15.2	26.8	42.3	306.1
January	119.0	29.2	17.5	56.5	14.9	27.2	41.3	305.7
February	119.7	29.2	17.5 17.5	56.0	14.9	27.4	40.9	305.4
March	120.2	29.2	17.4	55.8	14.7	27.4	40.9	305.4
April	120.2	29.3	17.4	55.8	14.4	27.0	41.0	305.4
May	120.0	29.4	17.4	56.0	14.4	26.4	41.1	305.4
June	121.3	29.4	17.6	56.5	14.4	25.7	41.1	306.1
July	121.5	29.4	17.8	57.0	14.5	25.2	41.1	306.6
August	121.5	29.4	18.1	57.3	14.5	24.8	41.1	306.8
•	121.7	29.2	18.1	57.3 57.4	14.5 14.4	24.8	41.1	306.8
September October								
October	122.4	28.8	18.8	57.3 57.3	14.2	24.4	41.1	306.9
November	123.0	28.7	19.1	57.2	13.9	24.2	41.0	307.1
December	123.8	28.6	19.4	57.2	13.7	23.9	40.8	307.3
2005								

[^] 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 Standard Industrial Classification (ANZSIC) industry in which it mainly operates. The

frame is supplemented with information about businesses which are classified as

- **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)

non-retail but which have significant retail activity.

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 http://www.abs.gov.au.
- **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).

SEASONAL ADJUSTMENT continued

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

	Jan 2004	Dec 2004	Jan 2005	
Factors as estimated at last reanalysis (July 2004 reference month)	0.99654	1.31180	0.97617	
Factors as estimated with current month's data (January 2005 reference month)	0.99453	1.30652	0.97384	

- 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

	• • • • • • • •		• • • • • • • •	• • • • • • • • • •
	Feb	Mar	Apr	
	2005	2005	2005	
Factors as estimated with current month's data				
(January 2005 reference month)	0.87904	0.97352	0.96643	

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

31 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	Е	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 http://www.abs.gov.au. The ABS also issues a daily Release Advice on the web site which details products to be released in the week ahead.

ABBREVIATIONS

ABN Australian Business Number

ABS Australian Bureau of Statistics

ANZSIC Australian and New Zealand Standard Industrial Classification

ARIMA autoregressive integrated moving average

ATO Australian Taxation Office n.e.c. not elsewhere classified

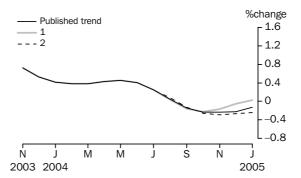
PAYGW pay-as-you-go withholding

RSE relative standard error TAU type of activity unit

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 February seasonally adjusted estimate of retail turnover is 1.0% higher than the January estimate.
 - 2 The February seasonally adjusted estimate of retail turnover is 1.0% lower than the January 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.

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