



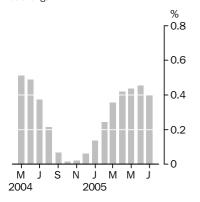
RETAIL TRADE

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) TUES 30 AUG 2005

Monthly turnover

Trend estimates % change



KEY FIGURES

	Jul 05 \$m	Jun 05 to Jul 05 % change
Turnover at current prices		
Trend estimates	17 109.8	0.4
Seasonally adjusted estimates	17 134.4	0.0

KEY POINTS

TREND ESTIMATES

- The trend estimate of turnover for the Australian Retail and Hospitality/Services series increased by 0.4% in July 2005. This follows increases of 0.5% in June 2005 and 0.4% in May 2005.
- In July 2005, there was an increase in the trend estimate in all states except the Northern Territory. The largest increases occurred in Western Australia (+0.9%), Queensland (+0.5%), Victoria and the Australian Capital Territory (both +0.4%).

SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate of turnover for the Australian Retail and Hospitality/Services series was unchanged in July 2005. This follows revised increases of 1.1% in both June and May 2005.
- Queensland (+2.1%), Tasmania (+1.9%) and South Australia (+1.7%) were the only states to have an increase in the seasonally adjusted estimate in July 2005. New South Wales (-1.1%) and Victoria (-0.8%) had the largest decreases.
- All industries except Food retailing (+1.0%) and Hospitality and services (unchanged) had a decrease in the seasonally adjusted estimates for July 2005.

ORIGINAL ESTIMATES

- In original terms, Australian turnover increased by 1.8% in July 2005 compared with June 2005. Chains and other large retailers (which are completely enumerated) increased by 0.4%, while 'smaller' retailers (the sampled units) increased by 3.7%.
- Australian turnover increased by 1.9% in July 2005 compared with July 2004. Chains and other large retailers increased by 2.7%, while 'smaller' retailers increased by 0.9%.

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

 August 2005
 30 September 2005

 September 2005
 3 November 2005

 October 2005
 30 November 2005

 November 2005
 9 January 2006

 December 2005
 3 February 2006

 January 2006
 2 March 2006

CHANGES IN THIS ISSUE

The seasonally adjusted and trend series have been updated following the normal annual review of the seasonal adjustment process.

SAMPLING ERRORS

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

		Standard
Data Series	Estimate	error
Level of retail turnover (\$m)	16 750.3	118.9
Change from preceding month (\$m)	296.9	86.4
% change from preceding month (%)	1.8	0.5

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

ABBREVIATIONS

ABN Australian Business Number

ABS Australian Bureau of Statistics

ANZSIC Australian and New Zealand Standard Industrial Classification

ARIMA autoregressive integrated moving average

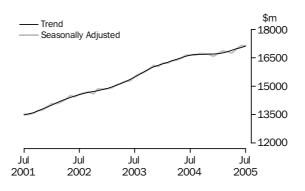
ATO Australian Taxation Office
n.e.c. not elsewhere classified
PAYGW pay-as-you-go withholding
RSE relative standard error
TAU type of activity unit

Dennis Trewin

Australian Statistician

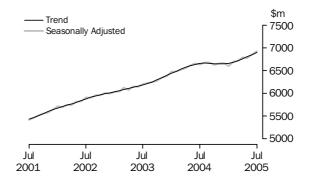
TOTAL RETAIL

There has been moderate growth in the trend for five months, with Food retailing and Hospitality and services having had at least moderate growth in each of these months.



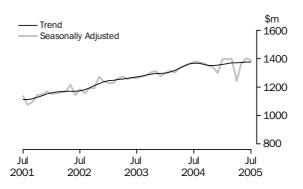
FOOD RETAILING

There have been six months of moderate trend growth. Western Australia has had five months of strong growth and New South Wales, Queensland and South Australia have had at least four months of moderate growth.



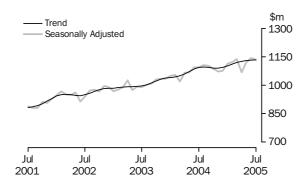
DEPARTMENT STORES

After four months of weak trend growth there was no change in the trend estimate in July 2005. Queensland, Western Australia and the Australian Capital Territory have had at least three months of moderate or strong growth, while New South Wales has had a decline in the trend estimate for three months.

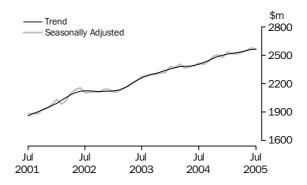


CLOTHING AND SOFT GOOD RETAILING

Growth in the trend has been slowing since March 2005, with weak growth for the last three months. Queensland and Western Australia have had six months of strong growth, South Australia has had four months of moderate growth and New South Wales and Victoria have had weak growth or a decline in the trend estimate in each of the last three months.

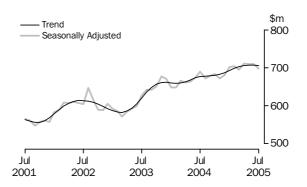


HOUSEHOLD GOOD RETAILING After three months of moderate growth there was weak growth in the trend for July 2005. Victoria, Queensland, Western Australia and the Australian Capital Territory have had moderate or strong growth for at least three months. New South Wales has had weak growth for two months while South Australia has had a decline in the trend estimate for six months.



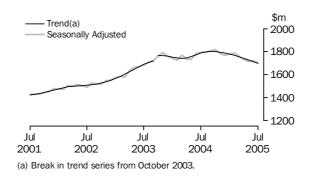
RECREATIONAL GOOD RETAILING

Growth in the trend has been slowing since March 2005 with a decline in the trend estimate for July 2005. New South Wales has been in decline for six months, while Victoria, Queensland, and the Northern Territory have had a decline for one to three months.



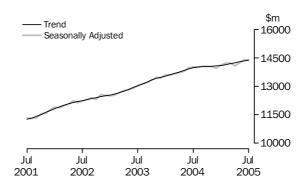
OTHER RETAILING

The trend series has been in decline for ten months. New South Wales, Queensland, South Australia and Western Australia have had a decline in the trend for at least seven months.

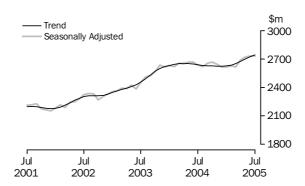


TOTAL RETAIL
(EXCLUDING HOSPITALITY
AND SERVICES)

Total retail (excluding Hospitality and services) has had weak growth for 12 months. Over the last five months, the rate of trend growth for Total retail (excluding Hospitality and services) has been slower than Total industries (including Hospitality and services).

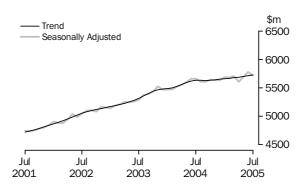


HOSPITALITY AND SERVICES There has been strong trend growth for four months. Victoria, Queensland, South Australia and Western Australia have had at least four months of strong growth. In contrast, Tasmania and the two territories have had a decline in the trend estimate for at least two months.



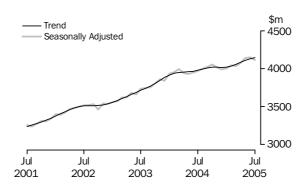
NEW SOUTH WALES

There have been nine months of weak trend growth. Food retailing and Hospitality and services have had four months of moderate growth, while Department stores, Recreational good retailing and Other retailing have been in decline for three, six and 13 months respectively.



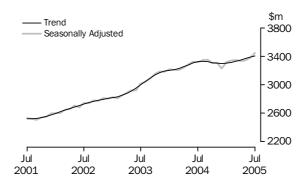
VICTORIA

There has been moderate trend growth for five months. Household good retailing and Hospitality and services have had four months of moderate or strong growth. After six months of moderate growth, Food retailing had weak growth in July 2005.



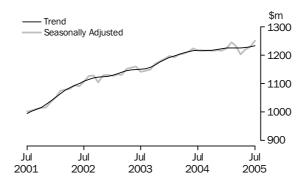
QUEENSLAND

There has been moderate growth in the trend for five months. Clothing and soft good retailing and Hospitality and services have had strong growth for at least six months. Food retailing and Department stores have had at least three months of moderate growth. Other retailing has been in decline for nine months.



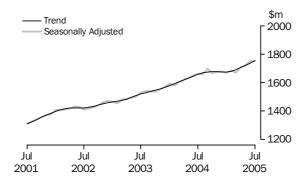
SOUTH AUSTRALIA

There has been weak trend growth for three months. Household good retailing and Other retailing have had a decline in the trend estimate for at least six months. In contrast, Hospitality and services has had five months of strong growth.



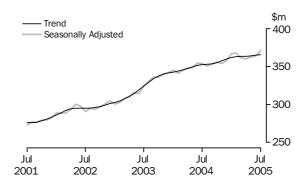
WESTERN AUSTRALIA

There has been strong growth in the trend for four months. Food retailing, Clothing and soft good retailing and Hospitality and services have had strong growth for at least five months. Department stores and Household good retailing have had at least six months of moderate growth.



TASMANIA

There has been weak trend growth for six months. Hospitality and services has had a decline in the trend for five months. Food retailing has had six months of weak growth and Recreational good retailing has had five months of strong growth.



RETAIL TURNOVER, By Industry Group(a)

		_	Clothing and	Household	Recreational		Hospitality	
Month	Food retailing	Department stores	soft good retailing	good retailing	good retailing	Other retailing	and services	Total
			ORIG	INAL (\$ m	illion)			
2004								
May	6 444.5	1 251.9	1 089.1	2 241.0	613.4	1 665.0	2 590.3	15 895.0
June	6 288.7	1 355.0	1 088.0	2 358.2	619.4	1 645.3	2 514.0	15 868.6
July	6 669.3	1 276.4	1 054.8	2 388.7	675.7	1 703.0	2 667.8	16 435.6
August	6 488.9	1 143.5	994.0	2 347.1	648.5	1 728.5	2 595.5	15 945.9
September	6 563.1	1 288.1	1 071.3	2 375.4	659.5	1 800.9	2 623.1	16 381.4
October	6 769.0	1 328.5	1 107.3	2 579.4	660.4	1 861.3	2 778.2	17 084.2
November	6 664.6	1 507.0	1 116.6	2 675.6	687.5	1 927.3	2 682.5	17 261.0
December	7 761.5	2 452.5	1 565.6	3 204.2	1 004.1	2 621.4	3 043.3	21 652.6
2005								
January	6 648.1	1 224.5	1 086.8	2 496.2	685.4	1 604.5	2 585.1	16 330.6
February	6 188.0	1 015.4	876.7	2 206.4	633.6	1 551.4	2 369.1	14 840.5
March	6 865.0	1 264.3	1 038.5	2 337.4	675.1	1 647.0	2 592.5	16 419.8
April	6 658.5	1 127.0	1 050.6	2 350.4	663.1	1 589.0	2 665.6	16 104.2
May	6 590.6	1 235.2	1 133.1	2 435.6	651.1	1 646.5	2 634.1	16 326.2
June	6 504.7	1 420.1	1 146.3	2 532.8	656.0	1 598.1	2 595.3	16 453.4
July	6 871.7	1 259.0	1 073.5	2 519.9	675.2	1 598.1	2 752.9	16 750.3
5 a.,	0 0.1	1 200.0	20.00	2 020.0	0.0.2	1 000.1	2 . 02.0	10 . 00.0
• • • • • • • • • •	• • • • • • •			/ ADJUCTE	D (\$ million	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • •
		3	DEASUNALL	ADJUSTE	וסווווווו בּ) ע	1)		
2004								
May	6 614.7	1 348.2	1 068.6	2 374.9	664.2	1 734.8	2 667.9	16 473.3
June	6 660.9	1 364.9	1 093.3	2 392.7	674.4	1 784.4	2 667.8	16 638.4
July	6 636.7	1 377.0	1 094.6	2 416.4	689.9	1 794.2	2 633.9	16 642.7
August	6 674.8	1 375.1	1 105.8	2 402.6	672.1	1 793.3	2 618.3	16 642.0
September	6 675.7	1 366.6	1 101.5	2 433.7	679.2	1 808.1	2 653.9	16 718.8
October	6 625.1	1 350.2	1 087.9	2 486.3	684.0	1 818.2	2 668.5	16 720.1
November	6 660.8	1 339.0	1 070.8	2 501.7	672.0	1 785.4	2 642.1	16 671.9
December	6 668.5	1 298.2	1 075.0	2 473.2	681.1	1 769.2	2 617.3	16 582.4
2005								
January	6 600.6	1 397.7	1 114.0	2 534.4	702.4	1 779.3	2 616.8	16 745.3
February	6 699.7	1 397.9	1 121.6	2 516.6	703.7	1 788.2	2 628.8	16 856.5
March	6 704.3	1 397.9	1 137.1	2 511.6	695.0	1 762.5	2 617.2	16 825.6
April	6 789.9	1 241.5	1 068.4	2 528.7	711.0	1 731.4	2 690.9	16 761.8
May	6 773.4	1 363.6	1 119.8	2 550.0	709.6	1 714.1	2 719.4	16 949.9
June	6 854.8	1 402.7	1 143.3	2 573.2	709.8	1 723.0	2 729.4	17 136.2
July	6 921.9	1 388.0	1 132.9	2 565.3	697.5	1 698.0	2 730.7	17 134.4
-								
			TREND ES	STIMATES	(\$ million)			
2004								
May	6 607.9	1 348.4	1 072.2	2 385.6	668.2	1 756.9	2 653.4	16 492.5
-								
June	6 635.3	1 362.4	1 085.0	2 391.8	673.8	1 772.1	2 648.2 2 640.4	16 573.0
July	6 654.1	1 368.7	1 093.7	2 404.0	677.1	1 786.7		16 634.8
August	6 662.4	1 366.6	1 096.2	2 422.5	678.2	1 797.2	2 633.2	16 670.4
September	6 660.3	1 358.5	1 093.0	2 444.4	678.8	1 801.9	2 628.7	16 681.6
October	6 652.6	1 352.0	1 089.2	2 466.6	680.0	1 801.2	2 626.2	16 684.2
November	6 646.7	1 351.1	1 089.3	2 485.4	682.4	1 796.0	2 624.1	16 687.8
December 2005	6 647.8	1 354.3	1 093.5	2 499.8	686.8	1 788.4	2 623.3	16 698.3
January	6 658.5	1 359.8	1 101.7	2 510.1	692.9	1 779.3	2 625.8	16 721.1
February	6 682.3	1 365.5	1 101.7	2 510.1	692.9 698.9	1 779.3 1 768.1	2 625.8 2 634.7	16 721.1
March			1 120.0		703.2			
	6 718.3	1 369.5		2 525.8		1 755.5	2 651.4	16 820.9
April	6 760.4	1 371.4	1 125.6	2 536.2	705.8	1 741.8	2 674.9	16 891.1
May	6 805.1	1 372.9	1 129.1	2 547.3	706.9	1 727.3	2 699.1	16 964.7
June July	6 850.1 6 897.8	1 376.2	1 132.0	2 558.1	707.0	1 713.4	2 722.0	17 042.0
	6 JUL / D	1 376.2	1 133.0	2 565.0	705.7	1 699.1	2 743.4	17 109.8

⁽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
• • • • • • • • • •	• • • • • •		AL (% cha			month)	• • • • • • • • • •	• • • • •
2004		ORIGIN	AL (% Clia	iige iioiii	preceding	month)		
May	-1.7	0.1	6.6	4.4	0.5	4.8	-1.4	0.6
June	-1.7 -2.4	8.2	-0.1	5.2	1.0	-1.2	-1.4 -2.9	-0.2
July	6.1	-5.8	-3.1	1.3	9.1	3.5	6.1	3.6
August	-2.7	-10.4	-5.1 -5.8	-1.7	-4.0	1.5	-2.7	-3.0
September	1.1	12.7	-3.8 7.8	1.2	1.7	4.2	1.1	2.7
October	3.1	3.1	3.4	8.6	0.1	3.4	5.9	4.3
November	-1.5	13.4	0.8	3.7	4.1	3.5	-3.4	1.0
December	16.5	62.7	40.2	19.8	46.1	36.0	13.5	25.4
2005	20.0	02		20.0	.0.1	33.3	20.0	
January	-14.3	-50.1	-30.6	-22.1	-31.7	-38.8	-15.1	-24.6
February	-6.9	-17.1	-19.3	-11.6	-7.6	-3.3	-8.4	-9.1
March	10.9	24.5	18.5	5.9	6.6	6.2	9.4	10.6
April	-3.0	-10.9	1.2	0.6	-1.8	-3.5	2.8	-1.9
May	-1.0	9.6	7.9	3.6	-1.8	3.6	-1.2	1.4
June	-1.3	15.0	1.2	4.0	0.8	-2.9	-1.5	3.0
July	5.6	-11.3	-6.4	-0.5	2.9	0.0	6.1	1.8
• • • • • • • • • •								• • • • • •
	SEA	SONALLY	ADJUSTED	(% change	e from pre	ceding mo	nth)	
2004								
May	0.8	1.0	0.3	0.5	0.4	0.1	0.7	0.0
June	0.7	1.2	2.3	0.7	1.5	2.9	0.0	1.0
July	-0.4	0.9	0.1	1.0	2.3	0.6	-1.3	0.0
August	0.6	-0.1	1.0	-0.6	-2.6	0.0	-0.6	0.0
September	0.0	-0.6	-0.4	1.3	1.1	0.8	1.4	0.5
October	-0.8	-1.2	-1.2	2.2	0.7	0.6	0.5	0.0
November	0.5	-0.8	-1.6	0.6	-1.7	-1.8	-1.0	-0.3
December	0.1	-3.0	0.4	-1.1	1.3	-0.9	-0.9	-0.5
2005								
January	-1.0	7.7	3.6	2.5	3.1	0.6	0.0	1.0
February	1.5	0.0	0.7	-0.7	0.2	0.5	0.5	0.7
March	0.1	0.0	1.4	-0.2	-1.2	-1.4	-0.4	-0.2
April	1.3	-11.2	-6.0	0.7	2.3	-1.8	2.8	-0.4
May	-0.2	9.8	4.8	0.8	-0.2	-1.0	1.1	1.1
June	1.2	2.9	2.1	0.9	0.0	0.5	0.4	1.1
July	1.0	-1.0	-0.9	-0.3	-1.7	-1.5	0.0	0.0
	Т	REND EST	IMATES (%	change f	rom prece	ding month	n)	
			, , ,			. 0	,	
2004								
May	0.5	1.2	1.2	0.1	0.8	0.6	0.0	0.5
June	0.4	1.0	1.2	0.3	0.8	0.9	-0.2	0.5
July	0.3	0.5	0.8	0.5	0.5	0.8	-0.3	0.4
August	0.1	-0.2	0.2	0.8	0.2	0.6	-0.3	0.2
September	0.0	-0.6	-0.3	0.9	0.1	0.3	-0.2	0.1
October	-0.1	-0.5	-0.3	0.9	0.2	0.0	-0.1	0.0
	-0.1	-0.1	0.0	0.8	0.4	-0.3	-0.1	0.0
November	~ ~	0.2	0.4	0.6	0.6	-0.4	0.0	0.2
November December	0.0				0.0	-0.5	0.1	0.3
November December 2005		0.4	0.7	0.4		-0.5	U.T	U.:
November December 2005 January	0.2	0.4	0.7	0.4	0.9			
November December 2005 January February	0.2 0.4	0.4	0.9	0.3	0.9	-0.6	0.3	0.2
November December 2005 January February March	0.2 0.4 0.5	0.4 0.3	0.9 0.8	0.3 0.3	0.9 0.6	-0.6 -0.7	0.3 0.6	0.2 0.4
November December 2005 January February March April	0.2 0.4 0.5 0.6	0.4 0.3 0.1	0.9 0.8 0.5	0.3 0.3 0.4	0.9 0.6 0.4	-0.6 -0.7 -0.8	0.3 0.6 0.9	0.2 0.4 0.4
November December 2005 January February March April May	0.2 0.4 0.5 0.6 0.7	0.4 0.3 0.1 0.1	0.9 0.8 0.5 0.3	0.3 0.3 0.4 0.4	0.9 0.6 0.4 0.1	-0.6 -0.7 -0.8 -0.8	0.3 0.6 0.9 0.9	0.2 0.4 0.4 0.4
November December 2005 January February March April	0.2 0.4 0.5 0.6	0.4 0.3 0.1	0.9 0.8 0.5	0.3 0.3 0.4	0.9 0.6 0.4	-0.6 -0.7 -0.8	0.3 0.6 0.9	0.2 0.4

⁽a) See paragraph 5 of the Explanatory Notes.



	FOOD RE	TAILING				CLOTHING GOOD RE			חטוופבחט	ILD GOOD I	DETAILING	
	FOOD RE	IAILING				GOOD RE	TAILING			LD GOOD I	TETAILING	
	Super- markets &	Take- away	Other		Depart-	Clathing	Foot- wear, fabric & other soft		Furniture & 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
• • • • • • • • •		• • • • • •					• • • • • •					
					\$ 1	MILLION						
2004												
July	4 795.8		1 110.4		1 276.4	773.7		1 054.8	588.6	716.5	1 083.6	2 388.7
August	4 651.7	739.4	1 097.9	6 488.9	1 143.5	723.9	270.1	994.0	556.5	734.9	1 055.7	2 347.1
September	4 692.9	758.5	1 111.7	6 563.1	1 288.1	797.3		1 071.3	572.9	782.2	1 020.2	2 375.4
October November	4 828.6 4 749.3	759.0 721.0	1 181.4 1 194.3	6 769.0 6 664.6	1 328.5	819.9 832.7	287.4	1 107.3 1 116.6	617.7 629.5	865.6 863.8	1 096.2 1 182.2	2 579.4 2 675.6
December	5 392.1		1 581.0		1 507.0 2 452.5	1 188.2		1 565.6	623.5	967.2	1 613.6	3 204.2
2005	0 002.1	700.0	1 301.0	7 701.5	2 402.0	1 100.2	511.4	1 303.0	020.0	301.2	1 010.0	J 204.2
January	4 757.6	746.3	1 144.2	6 648.1	1 224.5	784.1	302.7	1 086.8	601.5	781.6	1 113.1	2 496.2
February	4 433.5	670.4	1 084.1	6 188.0	1 015.4	626.6	250.1	876.7	539.7	688.6	978.0	2 206.4
March	4 924.8	723.1	1 217.1	6 865.0	1 264.3	770.7	267.7	1 038.5	554.8	755.6	1 027.0	2 337.4
April	4 712.7	745.5		6 658.5	1 127.0	773.8		1 050.6	573.6	724.8	1 052.0	2 350.4
May	4 710.7	738.0	1 141.9	6 590.6	1 235.2	841.1		1 133.1	607.1	717.2	1 111.3	2 435.6
June	4 634.1	731.7		6 504.7	1 420.1	857.7		1 146.3	623.5	706.9	1 202.4	2 532.8
July	4 907.7	788.7	1 175.3	68/1./	1 259.0	783.9	289.5	1 073.5	649.2	712.1	1 158.6	2 519.9
• • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •					• • • • • • •	• • • • • •	• • • • • •	• • • • • •
				% CHA	NGE FROM	// PRECE	DING	MONTH				
2004												
July	6.3	8.8	3.2	6.1	-5.8	-5.8	5.4	-3.1	3.1	4.0	-1.4	1.3
August	-3.0	-3.1	-1.1	-2.7	-10.4	-6.4	-3.9	-5.8	-5.5	2.6	-2.6	-1.7
September	0.9	2.6	1.3	1.1	12.7	10.1	1.4	7.8	2.9	6.4	-3.4	1.2
October November	2.9 -1.6	0.1 -5.0	6.3 1.1	3.1 -1.5	3.1 13.4	2.8 1.6	4.9 -1.2	3.4 0.8	7.8 1.9	10.7 -0.2	7.4 7.8	8.6 3.7
December	13.5	9.4	32.4	16.5	62.7	42.7	32.9	40.2	-1.0	12.0	36.5	19.8
2005	20.0	0	02	20.0	02		02.0	.0.2	1.0		00.0	20.0
January	-11.8	-5.3	-27.6	-14.3	-50.1	-34.0	-19.8	-30.6	-3.5	-19.2	-31.0	-22.1
February	-6.8	-10.2	-5.3	-6.9	-17.1	-20.1	-17.4	-19.3	-10.3	-11.9	-12.1	-11.6
March	11.1	7.9	12.3	10.9	24.5	23.0	7.1	18.5	2.8	9.7	5.0	5.9
April	-4.3	3.1	-1.4	-3.0	-10.9	0.4	3.4	1.2	3.4	-4.1	2.4	0.6
May	0.0	-1.0	-4.9	-1.0	9.6	8.7	5.5	7.9	5.8	-1.0	5.6	3.6
June	-1.6	-0.9	-0.3	-1.3	15.0	2.0	-1.2	1.2	2.7	-1.4	8.2	4.0
July	5.9	7.8	3.2	5.6	-11.3	-8.6	0.3	-6.4	4.1	0.7	-3.6	-0.5
• • • • • • • • •	• • • • • •	% CI			ORRESPO						• • • • • •	• • • • • •
2004												
July	8.5	8.5	6.0	8.1	10.4	10.2	11.2	10.5	3.3	4.6	9.4	6.4
August	5.5	6.1	4.7	5.4	5.9	7.9	15.1	9.8	2.2	0.9	10.3	5.3
September	9.1	11.3	4.5	8.5	9.6	10.9	9.7	10.6	2.7	-0.2	10.3	4.8
October November	3.9	4.8	6.0	4.4	2.8	5.5	3.3	4.9	6.7	5.8	8.7	7.2
December	4.5 6.9	3.2 2.8	6.2 10.9	4.6 7.3	0.2 2.8	3.7 3.6	2.2 7.8	3.3 4.6	8.5 5.1	4.5 5.5	15.4 9.7	10.0 7.5
2005	0.9	2.0	10.9	7.5	2.0	5.0	1.0	7.0	5.1	5.5	5.1	1.5
January	-1.4	-0.6	0.9	-0.9	5.4	3.4	8.0	4.6	10.2	5.4	2.2	5.0
February	-0.2	-0.6	4.0	0.5	4.6	-0.6	17.1	3.9	8.7	1.8	1.0	3.1
March	5.4	3.9	9.6	5.9	14.2	11.0	8.0	10.2	-0.4	3.4	0.9	1.4
April	0.8	0.8	5.0	1.5	-9.9	0.3	10.6	2.8	12.4	4.5	11.6	9.5
May	1.4	2.3	5.9	2.3	-1.3	2.2	9.7	4.0	12.4	2.8	10.8	8.7
June	2.7	4.3	5.8	3.4	4.8	4.4	8.2	5.4	9.2	2.7	9.4	7.4
July	2.3	3.3	5.9	3.0	-1.4	1.3	3.0	1.8	10.3	-0.6	6.9	5.5

⁽a) See paragraph 5 of Explanatory Notes.



RECREATIONAL OTHER RETAILING GOOD 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 services industries Month \$ MILLION 2004 970.6 ^ 212.6 2 667.8 449.9 225.7 675.7 737.8 965.2 1 703.0 1 484.5 July 16 435.6 August 443.0 205.5 648.5 746.0 982.5 1 728.5 1 433.3 966.3 ^ 195.9 2 595.5 15 945.9 ^201.5 2 623.1 September 439.8 659.5 762.3 1 038.6 1 800.9 1 408.8 1 012.9 16.381.4 219.7 October 430.7 229.7 660.4 769.7 1 091.6 1 861.3 1 551.5 1 005.9 ^ 220.9 2 778.2 17 084.2 784.6 1 142.7 1 927.3 446.7 687.5 1 495.1 ^ 212.4 2 682.5 November 240.7 975.0 17 261.0 ^ 256.4 December 612.5 391.6 1 004.1 945.9 1675.4 2621.4 1 698.4 1 088.5 3 043.3 21 652.6 2005 970.2 1 604.5 464.9 685.4 1 463.7 911.8 ^ 209.6 2 585.1 January 220.5 634.3 16.330.6 February 441.2 192.4 633.6 640.6 910.8 1 551.4 1 322.0 863.0 ^ 184.1 2 369.1 14 840.5 919.8 ^ 199.9 2 592.5 445.0 702.8 944.2 1 647.0 16 419.8 March 230.2 675.1 1 472.8 926.3 ^ 209.6 2 665.6 435.3 227.8 663.1 685.3 903.8 1 589.0 1 529.6 16 104.2 April Mav 443.6 207.5 651.1 701.3 945.2 1 646.5 1 516.6 915.8 ^ 201.6 2 634.1 16 326.2 901.6 ^ 205.6 June 431.1 224.8 656.0 689.7 908.4 1 598.1 1 488.1 2 595.3 16 453.4 943.6 ^ 224.5 2 752.9 July 463.8 211.3 675.2 692.1 906.0 1 598.1 1 584.8 % CHANGE FROM PRECEDING MONTH 2004 July 9.9 7.4 9.1 3.9 3.2 3.5 6.3 5.6 7.5 6.1 3.6 -2.7 August -1.5-9.0 -4.0 1.1 1.8 1.5 -3.5 -0.4 -7.9 -3.0 September 5.7 2.7 -0.76.9 1.7 2.2 4.2 -1.74.8 2.9 1.1 October 4.6 1.0 3.4 10.1 -0.75.9 4.3 -2.10.1 5.1 9.6 November 4.8 4.1 1.9 4.7 3.5 -3.6-3.1-3.41.0 3.7 -3.8December 37.1 62.6 46.1 20.6 46.6 36.0 13.6 11.6 20.7 13.5 25.4 2005 -16.2 -24.6 January -24.1-43.7-31.7-32.9 -42.1-38.8 -13.8-18.2-15.1February -5.1-12.7-7.61.0 -6.1-3.3-9.7-5.3 -12.2-8.4-9.1 March 0.9 19.6 6.6 9.7 3.7 11.4 6.6 8.6 9.4 10.6 6.2 April -2.2-1.0 -1.8 -2.5 -4.3-3.5 3.9 0.7 4.9 2.8 -1.9 1.9 -8.9 -1.82.3 4.6 3.6 -0.8 -3.8 -1.2 Mav -1.11.4 June -2.88.4 0.8 -1.6-3.9-2.9-1.9-1.52.0 -1.50.8 7.6 -6.0 2.9 0.3 -0.3 0.0 6.5 4.7 6.1 1.8 July 9.2 % CHANGE FROM CORRESPONDING MONTH OF PREVIOUS YEAR 2004 10.4 5.5 7.0 8.9 July 11.1 8.9 10.4 2.1 11.9 9.1 8.1 August 5.1 1.1 3.8 11.9 0.9 5.4 0.1 6.5 0.2 2.4 September 7.3 6.7 7.1 14.1 2.4 7.0 1.9 13.0 7.7 6.3 7.6 October 0.9 3.0 4.0 -1.14.3 0.1 12.1 3.3 4.1 1.0 November 4.2 -6.8 0.0 6.8 -3.50.4 0.8 -1.88.7 0.4 3.6 December 7.6 -6.11.8 7.2 -1.11.8 4.6 -2.37.9 2.3 4.9 2005 1.2 -8.0 -2.2 January 11.9 -2.76.7 -1.02.8 1.2 2.0 1.1 8.0 February 9.9 -0.56.5 3.1 -1.20.5 -9.1 0.3 -3.1 March 2.3 4.6 -0.1-2.2-1.33.9 -10.4-1.64.0 3.1 5.1 April 7.6 10.8 8.7 0.0 0.1 0.0 6.5 -6.11.9 1.4 1.9 5.9 6.7 6.1 -1.9 -0.5-1.17.8 -6.5 -0.6 1.7 2.7 Mav

7.0

-6.4

5.9

-0.1

-2.9

-6.2

-2.8

-6.1

-2.9

-6.2

5.3

3.1

June

July

6.5

6.8

-1.9

-2.8

4.0

5.6

3.2

3.2

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3.7

1.9

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							Australian				
	South			South	Western		Northern	Capital				
Month	Wales	Victoria	Queensland	Australia	Australia	Tasmania	Territory	Territory	Australia			
		• • • • • • •										
ORIGINAL (\$ million)												
2004												
May	5 449.4	3 789.4	3 135.6	1 164.9	1 564.8	330.7	159.1	301.2	15 895.0			
June	5 357.3	3 770.5	3 204.6	1 164.5	1 563.7	334.9	170.9	302.3	15 868.6			
July	5 556.6	3 889.1	3 309.5	1 204.0	1 643.3	346.2	180.1	306.9	16 435.6			
August	5 378.3	3 805.2	3 238.8	1 147.6	1 579.2	324.7	175.5	296.8	15 945.9			
September	5 514.0	3 890.1	3 341.9	1 183.4	1 639.6	338.8	174.2	299.3	16 381.4			
October	5 780.7	4 124.5	3 383.1	1 243.4	1 705.5	358.9	172.2	315.8	17 084.2			
November	5 854.5	4 165.3	3 384.5	1 265.6	1 744.0	365.5	163.4	318.2	17 261.0			
December	7 330.3	5 301.7	4 163.5	1 590.8	2 205.6	475.4	185.5	399.7	21 652.6			
2005												
January	5 576.8	3 860.4	3 283.1	1 185.8	1 623.6	359.6	146.8	294.5	16 330.6			
February	4 995.2	3 589.0	2 920.5	1 087.5	1 497.3	333.3	143.4	274.2	14 840.5			
March	5 523.0	3 967.5	3 228.2	1 223.8	1 648.9	367.6	159.7	301.1	16 419.8			
April	5 396.3	3 915.3	3 174.6	1 170.5	1 638.2	349.3	159.4	300.7	16 104.2			
May	5 498.1	4 006.3	3 184.3	1 169.4	1 651.1	343.8	165.3	307.9	16 326.2			
June	5 521.9	3 978.5	3 264.2	1 181.9	1 676.0	345.8	173.3	311.8	16 453.4			
July	5 566.1	3 997.1	3 409.9	1 221.4	1 702.8	357.3	182.7	313.1	16 750.3			
			SEASONAL	LY ADJUST	ΓED (\$ m	illion)						
0004						•						
2004	E 601 6	2 020 2	2 206 2	1 211 0	1 600 7	240.6	161.4	2047	16 473.3			
May	5 601.6 5 660.0	3 930.3	3 286.2 3 325.7	1 211.9	1 628.7 1 647.4	348.6	161.4	304.7				
June	5 658.4	3 951.9 3 969.8	3 325.7	1 223.0 1 216.0	1 647.4	354.4 354.1	167.2 163.4	308.8 306.7	16 638.4 16 642.7			
July August	5 604.6	3 998.8	3 344.0	1 214.3	1 659.4	350.2	163.4	307.6	16 642.7			
September	5 604.0	4 022.1	3 344.0	1 214.3	1 697.6	353.6	165.1	307.6	16 718.8			
October	5 645.9	4 055.6	3 343.0	1 215.4	1 666.8	355.9	164.6	310.8	16 720.1			
November	5 634.7	4 012.6	3 304.9	1 217.7	1 674.2	353.9	163.8	308.4	16 671.9			
December	5 631.6	3 990.6	3 229.7	1 215.7	1 680.4	357.9	165.2	311.3	16 582.4			
2005	0 001.0	0 000.0	0 220.1	1 210.1	1 000.1	001.0	100.2	011.0	10 002.1			
January	5 685.2	4 003.6	3 318.0	1 223.3	1 669.1	367.1	167.4	311.5	16 745.3			
February	5 689.3	4 045.8	3 341.1	1 244.4	1 686.3	367.4	171.7	310.4	16 856.5			
March	5 706.1	4 032.7	3 344.8	1 232.5	1 669.8	361.6	169.0	309.1	16 825.6			
April	5 603.6	4 075.9	3 332.4	1 201.9	1 708.1	360.2	168.8	311.0	16 761.8			
May	5 686.8	4 139.3	3 339.8	1 219.8	1 719.4	362.2	168.1	314.5	16 949.9			
June	5 780.7	4 149.1	3 375.5	1 229.6	1 752.8	363.9	168.3	316.4	17 136.2			
July	5 717.2	4 116.0	3 445.1	1 250.0	1 752.0	370.7	167.9	315.4	17 134.4			
• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • • •	TDENID	ESTIMATES	c (¢ milli	ion)		• • • • • • • •	• • • • • • • • •			
			IKLND	LSTIMATES	ο (Φ ΙΙΙΙΙΙΙ	1011)						
2004												
May	5 595.1	3 957.1	3 279.3	1 211.9	1 631.9	349.5	161.2	306.4	16 492.5			
June	5 620.5	3 964.0	3 306.2	1 215.1	1 646.2	351.2	163.1	306.8	16 573.0			
July	5 632.0	3 977.7	3 325.2	1 216.7	1 659.1	352.3	164.2	307.4	16 634.8			
August	5 633.0	3 995.5	3 331.0	1 216.6	1 668.6	352.9	164.6	308.2	16 670.4			
September	5 629.9	4 010.5	3 323.9	1 215.8	1 674.4	353.6	164.6	309.0	16 681.6			
October	5 631.9	4 018.2	3 311.1	1 216.7	1 676.7	355.2	164.7	309.7	16 684.2			
November	5 640.8	4 017.5	3 301.0	1 219.4	1 676.3	357.5	165.3	310.1	16 687.8			
December	5 651.7	4 014.7	3 297.9	1 222.6	1 674.6	360.0	166.4	310.2	16 698.3			
2005	E 664 0	4.040.0	2 204 7	1 224 5	1 675 0	260.0	1677	240.2	16 704 4			
January	5 661.8	4 018.2	3 301.7	1 224.5	1 675.0	362.0	167.7 169.5	310.3	16 721.1 16 761.6			
February March	5 669.5	4 032.2	3 312.9	1 224.8	1 680.1	363.0	168.5	310.6	16 761.6			
March	5 676.6	4 055.8	3 329.7	1 224.6	1 691.0	363.3	169.0	311.2	16 820.9			
April	5 686.5	4 082.9	3 347.4	1 224.7	1 705.2	363.5	169.0	312.2	16 891.1			
May	5 698.8 5 712 1	4 107.4	3 365.5	1 226.2	1 720.9	363.9 364.7	168.8	313.3	16 964.7			
June	5 713.1 5 725 2	4 127.5	3 385.9	1 229.2	1 736.9	364.7	168.4	314.5	17 042.0			
July	5 725.3	4 142.0	3 401.7	1 232.6	1 753.3	365.4	167.9	315.8	17 109.8			



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)	• • • • • • • •	• • • • • • •
2004									
May	1.6	-0.4	1.3	-1.2	-0.4	-3.5	5.4	2.3	0.6
June	-1.7	-0.5	2.2	0.0	-0.1	1.3	7.4	0.4	-0.2
July	3.7	3.1	3.3	3.4	5.1	3.4	5.4	1.5	3.6
August	-3.2	-2.2	-2.1	-4.7	-3.9	-6.2	-2.6	-3.3	-3.0
September	2.5	2.2	3.2	3.1	3.8	4.3	-0.7	0.9	2.7
October	4.8	6.0	1.2	5.1	4.0	5.9	-1.1	5.5	4.3
November	1.3	1.0	0.0	1.8	2.3	1.8	-5.1	0.7	1.0
December	25.2	27.3	23.0	25.7	26.5	30.1	13.5	25.6	25.4
2005									
January	-23.9	-27.2	-21.1	-25.5	-26.4	-24.4	-20.9	-26.3	-24.6
February	-10.4	-7.0	-11.0	-8.3	-7.8	-7.3	-2.3	-6.9	-9.1
March	10.6	10.5	10.5	12.5	10.1	10.3	11.4	9.8	10.6
April	-2.3	-1.3	-1.7	-4.4	-0.6	-5.0	-0.2	-0.1	-1.9
May	1.9	2.3	0.3	-0.1	0.8	-1.6	3.7	2.4	1.4
June	0.4	-0.7 0.5	2.5	1.1	1.5	0.6	4.8	1.3	0.8
July	0.8	0.5	4.5	3.3	1.6	3.3	5.4	0.4	1.8
	S	EASONAL	LY ADJUS			m precedi			• • • • • • •
2004	0.9	0.2	1.5	0.6	0.5	0.4	1.4	0.2	0.6
May June	1.0	-0.3 0.5	1.5	0.6	1.1	1.7	3.6	-0.3 1.3	1.0
July	0.0	0.5	-0.4	-0.6	0.8	-0.1	-2.3	-0.7	0.0
August	-1.0	0.5	0.4	-0.0 -0.1	-0.1	-0.1 -1.1	-2.3 -0.2	0.3	0.0
September	0.0	0.7	0.9	0.1	2.3	1.0	-0.2 1.7	0.6	0.5
October	0.7	0.8	-1.3	-0.1	-1.8	0.6	-0.8	0.4	0.0
November	-0.2	-1.1	0.1	0.2	0.4	-0.5	-0.5	-0.8	-0.3
December	-0.1	-0.5	-2.3	-0.2	0.4	1.1	0.9	0.9	-0.5
2005									
January	1.0	0.3	2.7	0.6	-0.7	2.6	1.3	0.1	1.0
February	0.1	1.1	0.7	1.7	1.0	0.1	2.6	-0.4	0.7
March	0.3	-0.3	0.1	-1.0	-1.0	-1.6	-1.6	-0.4	-0.2
April	-1.8	1.1	-0.4	-2.5	2.3	-0.4	-0.1	0.6	-0.4
May	1.5	1.6	0.2	1.5	0.7	0.6	-0.4	1.1	1.1
June	1.7	0.2	1.1	0.8	1.9	0.5	0.1	0.6	1.1
July	-1.1	-0.8	2.1	1.7	0.0	1.9	-0.2	-0.3	0.0
2004		TREND	ESTIMATES	S (% char	nge from	preceding	month)		
May	0.6	0.0	0.8	0.4	0.9	0.6	1.3	0.0	0.5
June	0.5	0.0	0.8	0.4	0.9	0.5	1.1	0.0	0.5
July	0.2	0.2	0.6	0.3	0.9	0.3	0.7	0.1	0.3
August	0.0	0.4	0.2	0.0	0.6	0.2	0.2	0.3	0.4
September	-0.1	0.4	-0.2	-0.1	0.3	0.2	0.0	0.3	0.1
October	0.0	0.2	-0.4	0.1	0.1	0.4	0.1	0.2	0.0
November	0.2	0.0	-0.3	0.2	0.0	0.6	0.4	0.1	0.0
December	0.2	-0.1	-0.1	0.3	-0.1	0.7	0.7	0.0	0.1
2005									
January	0.2	0.1	0.1	0.2	0.0	0.5	0.7	0.0	0.1
February	0.1	0.3	0.3	0.0	0.3	0.3	0.5	0.1	0.2
March	0.1	0.6	0.5	0.0	0.6	0.1	0.3	0.2	0.4
April	0.2	0.7	0.5	0.0	0.8	0.0	0.0	0.3	0.4
May	0.2	0.6	0.5	0.1	0.9	0.1	-0.2	0.4	0.4
June	0.3	0.5	0.6	0.2	0.9	0.2	-0.2	0.4	0.5
July	0.2	0.4	0.5	0.3	0.9	0.2	-0.3	0.4	0.4



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

		_	Clothing and	Household	Recreational		Hospitality	
Month	Food retailing	Department stores	soft good retailing	good retailing	good retailing	Other retailing	and services	Total
			ORIG	iINAL (\$ r	million)			
2004								
May	2 106.0	435.5	393.9	686.3	203.7	558.6	1 065.5	5 449.4
June	2 032.4	462.0	380.9	713.9	199.5	533.1	1 035.6	5 357.3
July	2 158.0	430.7	355.7	750.7	218.4	541.3	1 101.8	5 556.6
August	2 112.9	392.5	331.0	711.4	209.6	548.7	1 072.1	5 378.3
September	2 136.7	443.4	368.6	720.4	209.6	571.2	1 064.2	5 514.0
October	2 213.9	452.9	382.1	789.0	208.7	582.2	1 151.9	5 780.7
November	2 185.5	525.2	394.0	834.8	221.0	595.3	1 098.8	5 854.5
December	2 542.4	844.9	567.4	1 009.3	318.1	791.7	1 256.6	7 330.3
2005								
January	2 194.9	417.5	393.1	776.0	216.6	515.8	1 062.7	5 576.8
February	2 029.1	342.9	301.4	686.1	200.0	486.6	949.1	4 995.2
March	2 224.2	435.3	375.5	718.0	209.6	515.8	1 044.7	5 523.0
April	2 143.7	377.9	355.8	727.7	198.0	502.1	1 091.1	5 396.3
May	2 123.3	421.1 480.2	397.3 394.1	766.0 785.8	197.1 197.3	503.5 498.1	1 089.9	5 498.1
June	2 099.0						1 067.5	5 521.9
July	2 232.9	415.3	360.4	781.1	207.1	481.3	1 087.9	5 566.1
• • • • • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • • •			• • • • • • • • •	• • • • • • • • • •	• • • • • • • •
		S	EASONALL	Y ADJUST	ED (\$ mill	ion)		
2004								
May	2 163.8	461.6	384.5	720.3	219.9	575.7	1 075.8	5 601.6
June	2 172.5	472.1	383.9	729.7	217.3	581.0	1 103.5	5 660.0
July	2 160.4	474.7	381.8	754.8	219.0	574.3	1 093.4	5 658.4
August	2 172.4	467.9	378.3	730.3	211.0	566.0	1 078.6	5 604.6
September	2 167.5	469.1	382.5	744.1	211.2	569.3	1 060.2	5 604.0
October	2 145.8	457.1	376.1	759.6	218.4	573.9	1 115.0	5 645.9
November	2 176.2	457.3	382.1	774.9	211.2	546.0	1 087.0	5 634.7
December	2 182.0	450.2	376.4	767.0	228.8	532.3	1 094.8	5 631.6
2005	2 158.0	475.7	393.3	795.3	226.9	566.0	1 070.0	5 685.2
January February	2 196.7	477.3	386.5	795.5 787.6	220.9	561.7	1 058.3	5 689.3
March	2 200.5	488.3	395.8	772.8	214.2	560.9	1 073.7	5 706.1
April	2 184.9	412.6	371.9	792.0	214.2	546.4	1 081.6	5 603.6
May	2 187.1	453.8	387.0	801.4	214.5	526.3	1 116.7	5 686.8
June	2 229.3	487.1	399.7	805.1	213.6	536.7	1 109.2	5 780.7
July	2 256.9	470.2	387.3	789.3	208.2	515.2	1 089.9	5 717.2
		• • • • • • • • • • •	TREND E	STIMATES	(\$ million	1)		
2004						,		
2004	0.454.4	400.0	277.2	7044	047.0	F74.0	4.004.4	E E0E 4
May	2 154.4	463.3	377.3	724.1	217.2	574.8	1 084.1	5 595.1
June	2 163.1	467.7	380.2	729.3	216.8	574.9	1 088.4	5 620.5
July	2 167.2	469.4 468.1	381.5 381.3	735.5 742.5	215.5 214.4	573.6	1 089.3	5 632.0 5 633.0
August September	2 167.4 2 165.6	464.5	381.3	742.5 750.7	214.4	570.4 565.4	1 089.0 1 088.7	5 629.9
October	2 165.6	461.3	380.1	750.7 759.4	214.8	560.2	1 087.9	5 631.9
November	2 168.0	461.3	381.4	767.6	210.0	556.6	1 087.9	5 640.8
December	2 172.5	464.0	383.3	775.0	219.0	555.2	1 080.8	5 651.7
2005	2 112.0	404.0	505.5	113.0	221.1	555.2	1 000.0	5 051.7
January	2 177.0	468.4	385.0	781.2	221.9	555.0	1 077.4	5 661.8
February	2 182.3	472.6	386.2	785.6	220.9	554.2	1 076.6	5 669.5
March	2 189.3	475.1	387.0	788.6	218.5	551.4	1 079.6	5 676.6
April	2 198.0	475.5	387.5	791.6	215.9	546.0	1 086.5	5 686.5
May	2 208.9	474.7	388.2	794.4	213.5	538.5	1 094.0	5 698.8
June	2 221.0	473.8	389.1	796.9	211.3	530.8	1 100.1	5 713.1
July	2 233.4	472.0	389.4	797.5	210.0	522.5	1 105.7	5 725.3

⁽a) See paragraph 5 of the Explanatory Notes.

			Clothing and	Household	Recreational	0.1	Hospitality	
Month	Food retailing	Department stores	soft good retailing	good retailing	good retailing	Other retailing	and services	Total
			ORIGI	NAL (\$ m	nillion)			
2004				= (+	,			
May	1 574.4	306.7	287.4	559.0	127.9	429.6	504.5	3 789.4
June	1 528.7	338.0	^ 273.8	583.1	^ 131.6	429.6	485.7	3 770.5
July	1 599.2	310.8	276.5	577.8	143.2	453.4	528.2	3 889.1
August	1 559.2	273.6	267.8	599.8	141.0	457.0	506.5	3 805.2
September	1 583.7	304.1	^ 265.8	599.2	146.8	470.1	520.4	3 890.1
October	1 660.1	320.5	283.7	670.6	^ 144.0	496.2	549.3	4 124.5
November	1 641.0	361.7	281.2	681.7	^ 146.5	514.1	539.2	4 165.3
December	1 909.6	611.5	393.7	828.6	222.8	727.2	608.3	5 301.7
2005	1 000.0	011.0	000.1	020.0	222.0	121.2	000.0	0 001.1
January	1 630.0	294.3	257.7	636.8	137.8	402.4	501.4	3 860.4
February	1 524.7	254.4	236.9	569.5	126.5	414.1	462.8	3 589.0
March	1 694.3	311.3	272.5	603.2	^ 139.6	442.5	504.1	3 967.5
April	1 661.3	280.0	275.9	622.4	^ 137.9	422.4	515.4	3 915.3
May	1 631.2	311.0	308.7	657.1	^ 135.0	465.4	497.9	4 006.3
June	1 583.5	350.6	296.1	682.7	^ 139.4	436.2	490.0	3 978.5
July	1 669.0	311.6	273.2	629.1	^ 136.5	437.3	540.3	3 997.1
		SF	ASONALLY	ADIUSTE	ED (\$ milli	inn)		
		O L	MOONNELT	NEGOTE	-υ (ψ πατα	1011)		
2004								
May	1 613.3	324.1	272.5	586.3	141.6	467.3	525.2	3 930.3
June	1 618.3	330.6	276.4	581.9	142.6	479.9	522.1	3 951.9
July	1 598.7	338.5	289.7	602.4	149.8	479.8	510.8	3 969.8
August	1 607.5	333.8	293.6	622.0	149.9	474.9	517.1	3 998.8
September	1 621.1	339.6	282.2	620.7	152.6	474.1	531.8	4 022.1
October November	1 636.2 1 638.2	329.2 320.6	283.2 270.3	650.5 641.6	148.4 141.9	472.4 469.7	535.5 530.5	4 055.6
December	1 626.2	323.0	270.3 275.9	639.0	138.9	468.9	518.8	4 012.6 3 990.6
2005	1 020.2	323.0	213.3	000.0	100.0	400.5	310.0	3 330.0
January	1 617.9	341.0	284.3	643.8	141.5	465.0	510.2	4 003.6
February	1 638.4	350.7	298.3	634.4	145.7	472.7	505.5	4 045.8
March	1 658.7	340.0	295.8	639.1	146.8	463.3	489.1	4 032.7
April	1 691.2	304.7	259.4	665.8	149.5	478.1	527.3	4 075.9
May	1 667.3	331.7	293.8	675.1	149.4	495.7	526.4	4 139.3
June	1 673.0	340.7	294.2	687.6	152.0	478.1	523.6	4 149.1
July	1 685.7	342.0	289.9	658.5	145.2	468.6	526.1	4 116.0
			TREND ES	TIMATES	(\$ million)		
					(+	,		
2004	4 040 0	200.4	074.4	500.0	4.47.0	474.0	500.0	0.057.4
May	1 610.8	329.4	274.4	599.2	147.2	474.9	520.6	3 957.1
June	1 610.5	332.6	279.8	597.8	147.3	475.8	519.8	3 964.0
July	1 611.8	334.0	283.8	603.1	147.9	476.0	520.9	3 977.7
August September	1 615.6	333.4	285.0	613.7	148.3	475.4	523.7 526.7	3 995.5
September October	1 620.3 1 624.4	331.8 330.7	283.6 281.6	626.0 635.5	147.9 146.5	474.3 472.5	526.7 527.4	4 010.5 4 018.2
November	1 624.4	330.7	281.6	639.8	146.5	469.6	521.4	4 018.2
December	1 633.9	332.4	281.3	640.6	143.0	467.8	518.7	4 017.5
2005	_ 555.5	302.4	201.0	310.0	110.0	101.0	010.1	. 02
January	1 640.2	334.2	283.6	641.5	142.9	468.3	512.8	4 018.2
February	1 648.0	335.7	286.7	645.0	144.3	470.5	509.4	4 032.2
March	1 657.3	336.4	289.0	651.2	146.4	473.7	510.2	4 055.8
April	1 666.7	336.1	290.1	659.1	148.1	476.7	514.2	4 082.9
May	1 674.6	335.7	290.5	666.5	149.1	478.7	519.0	4 107.4
June	1 680.7	336.0	290.8	672.3	149.5	479.6	523.6	4 127.5
July	1 684.8	336.0	290.6	676.2	149.4	479.7	527.6	4 142.0

[^] 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

Month	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
WOITEN	7014111119	0.0700	7014111119	, o.c.,,	7000	70.0	30,11000	70147
• • • • • • • • • •	• • • • • • •	• • • • • • • •	ORIGI	NAL (\$ m	nillion)	• • • • • • • •	• • • • • • • • •	• • • • • • • •
2004								
May	1 273.1	213.9	217.6	444.1	^ 134.7	331.3	520.9	3 135.6
June	1 266.5	241.8	238.9	468.0	^ 139.1	341.6	508.7	3 204.6
July	1 346.6	233.2	235.1	465.0	^ 153.0	353.5	523.0	3 309.5
August	1 307.4	212.0	217.4	460.2	^ 142.4	374.0	525.3	3 238.8
September	1 308.7	245.7	248.0	470.6	143.8	392.8	532.3	3 341.9
October	1 316.6	247.6	245.9	490.7	^ 147.6	385.2	549.5	3 383.1
November	1 274.2	273.3	245.4	518.3	^ 150.0	399.5	523.8	3 384.5
December	1 455.5	440.9	330.4	578.8	^ 215.4	543.9	598.5	4 163.5
2005								
January	1 296.9	226.4	256.3	474.2	^ 159.1	340.3	529.7	3 283.1
February	1 186.4	178.3	180.4	414.8	144.2	330.8	485.7	2 920.5
March	1 325.3	223.6	210.5	435.9	^ 154.5	346.5	531.8	3 228.2
April	1 297.4	195.7	223.6	424.7	^ 156.5	328.2	548.4	3 174.6
May	1 272.6	217.2	229.3	434.8	^ 155.0	328.8	546.6	3 184.3
June	1 275.0	250.9	245.3	461.1	^ 153.3	327.5	551.2	3 264.2
July	1 343.5	232.5	247.7	497.1	^ 150.6	342.2	596.3	3 409.9
	• • • • • •			• • • • • • • •			• • • • • • • •	• • • • • • •
		SE	ASONALLY	ADJUSTE	ED (\$ milli	on)		
2004								
May	1 302.0	238.8	229.8	474.8	149.1	349.5	542.0	3 286.2
June	1 318.6	243.0	249.0	478.3	150.6	353.8	532.4	3 325.7
July	1 321.0	247.6	238.1	466.5	155.8	368.9	515.1	3 312.9
August	1 334.6	249.7	238.4	460.8	144.9	386.9	528.7	3 344.0
September	1 314.4	247.5	235.2	471.5	144.2	402.8	534.1	3 349.6
October	1 292.9	248.0	233.0	478.4	149.2	379.1	524.3	3 304.9
November	1 301.6	244.4	235.3	488.7	145.7	379.4	511.6	3 306.6
December	1 278.8	235.1	228.2	456.7	150.8	370.5	509.5	3 229.7
2005								
January	1 286.3	252.1	240.9	475.1	159.6	369.8	534.2	3 318.0
February	1 298.0	248.5	234.9	469.6	159.6	389.1	541.5	3 341.1
March	1 303.1	249.3	244.9	464.6	162.3	370.1	550.5	3 344.8
April	1 307.5	227.5	242.8	469.0	174.7	350.1	560.7	3 332.4
May	1 308.8	247.0	245.8	456.4	167.4	345.2	569.1	3 339.8
June	1 315.0	251.5	253.9	470.5	162.7	343.9	577.9	3 375.5
July	1 336.0	252.9	254.2	496.6	159.1	356.9	589.6	3 445.1
• • • • • • • • • •	• • • • • •	• • • • • • • •	TDEND FO		(Φ: II:)		• • • • • • • •	• • • • • • •
			IKEND ES	TIMATES	(\$ million))		
2004	1 207 2	040.0	007.0	474.0	445 5	0.47.0	F00 0	0.070.0
May	1 307.8	240.2	227.8	471.2	145.5	347.8	533.8	3 279.3
June	1 315.1	243.6	231.7	471.6	148.5	360.8	530.4	3 306.2
July	1 319.6	246.0	234.4	471.4	149.5	372.8	527.9	3 325.2
August	1 319.0	247.2	235.8	471.5	148.8	381.0	525.3	3 331.0
September	1 312.8	247.0	235.6	472.2	147.7	384.8	522.4	3 323.9
October	1 303.9	246.5	234.7	473.1	147.6	385.2	520.2	3 311.1
November	1 295.6	245.9	234.1	473.7	149.1	383.4	520.0	3 301.0
December 2005	1 290.6	245.2	234.4	473.1	152.2	379.9	522.9	3 297.9
January	1 290.0	244.4	235.8	470.5	156.1	375.4	528.9	3 301.7
February	1 293.6	243.9	238.3	467.4	159.8	370.3	538.2	3 312.9
March	1 299.8	243.9	241.4	465.9	162.2	365.0	549.5	3 329.7
April	1 306.4	244.4	244.7	466.9	163.5	359.0	560.3	3 347.4
May	1 313.1	245.4	247.9	469.7	164.0	353.3	569.9	3 365.5
June	1 319.7	247.1	250.8	473.9	163.8	349.0	578.3	3 385.9
July	1 324.9	248.2	252.9	477.4	163.0	345.8	584.4	3 401.7
J 4		0.2	_00		200.0	5.0.0		

[^] 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		Hospitality	
	Food	Department	soft good	good	good	Other	and	
Month	retailing	stores	retailing	retailing	retailing	retailing	services	Total
• • • • • • • • • •	• • • • • •	• • • • • • • • •				• • • • • • • • • •	• • • • • • • • •	• • • • • • • •
			ORIG	INAL (\$ r	nillion)			
2004								
May	476.2	105.5	62.3	167.7	35.5	116.4	201.3	1 164.9
June	463.0	112.6	^ 63.5	181.7	^ 36.2	116.6	190.8	1 164.5
July	503.2	108.9	^ 60.8	179.6	^ 39.8	115.2	196.5	1 204.0
August	478.8	96.4	^ 57.5	172.7	^ 36.4	116.4	189.4	1 147.6
September	489.6	104.0	^ 63.3	173.6	^ 36.7	119.3	196.8	1 183.4
October	513.3	110.7	62.2	191.2	^ 38.4	122.0	205.7	1 243.4
November	508.3	123.0	59.6	199.3	^ 42.9	136.2	196.4	1 265.6
December	600.5	191.0	81.2	241.0	^ 67.6	181.8	227.7	1 590.8
2005	000.0	101.0	01.2	2 .2.0	00	101.0		1 000.0
January	495.1	105.9	53.8	184.9	^ 37.4	116.8	192.1	1 185.8
February	473.7	86.6	47.7	159.6	^ 36.8	107.2	176.0	1 087.5
March	535.9	104.4	54.6	174.8	^ 41.5	113.7	198.9	1 223.8
April	501.1	94.1	56.2	172.7	^ 35.5	113.0	197.9	1 170.5
May	502.7	101.8	59.1	168.6	^ 33.9	115.6	187.7	1 169.4
June	496.8	111.8	61.8	175.9	^ 35.9	109.7	187.7	1 181.9
July	521.5	108.1	58.6	172.0	^ 40.5	114.2	206.6	1 221.4
		SI	EASONALL	Y ADJUST	ED (\$ milli	ion)		
0004								
2004								
May	485.8	111.6	61.3	178.8	40.4	119.2	214.9	1 211.9
June	493.3	113.0	63.7	181.6	40.8	122.7	208.0	1 223.0
July	497.3	112.8	63.3	183.2	40.4	120.8	198.2	1 216.0
August	495.1	115.8	67.0	176.6	40.5	122.2	197.1	1 214.3
September	495.2	113.7	67.1	184.2	39.0	120.8	196.2	1 216.4
October	502.9	113.0	58.7	184.0	40.4	121.8	194.9	1 215.8
November	505.4	109.0	57.7	184.1	41.0	126.1	194.3	1 217.7
December	510.7	104.1	55.9	186.1	41.2	128.0	189.6	1 215.7
2005								
January	500.8	120.1	56.8	186.6	40.4	127.2	191.4	1 223.3
February	519.2	120.2	62.3	183.4	41.3	124.6	193.4	1 244.4
March	511.2	114.5	59.7	193.1	40.1	120.5	193.3	1 232.5
April	515.8	100.8	51.7	177.0	38.5	117.3	200.9	1 201.9
May	517.0	111.4	59.3	176.3	37.6	118.3	199.7	1 219.8
June	519.6	114.8	60.2	179.1	38.6	115.7	201.4	1 229.6
July	527.4	114.6	61.1	176.2	41.8	119.7	209.2	1 250.0
• • • • • • • • • •	• • • • • •	• • • • • • • • •					• • • • • • • • •	• • • • • • • • •
			TREND E	STIMATES	(\$ million)		
2004								
May	488.0	112.5	61.7	182.0	39.9	120.4	207.5	1 211.9
June	490.7	113.4	63.2	181.0	40.3	120.6	205.5	1 215.1
July	493.7	113.7	64.8	180.7	40.5	120.9	202.6	1 216.7
August	496.6	113.7	66.0	181.3	40.4	121.6	199.2	1 216.6
_								
September	499.2	112.4	66.7	182.2	40.3	122.6	196.1	1 215.8
October	501.7	112.1	(b)57.6	183.5	40.4	124.0	193.7	1 216.7
November	504.3	112.3	57.9	184.9	40.5	125.2	192.3	1 219.4
December	506.9	112.8	58.1	186.0	40.7	125.9	191.9	1 222.6
2005								
January	509.4	113.0	58.2	186.4	40.8	125.4	192.1	1 224.5
February	511.5	113.0	58.3	185.6	40.8	123.8	193.2	1 224.8
March	513.6	112.6	58.5	183.9	40.9	121.6	195.3	1 224.6
April	515.9	112.1	58.8	181.9	(b)38.0	119.6	198.0	1 224.7
May	518.4	111.6	59.2	179.7	38.5	118.1	200.7	1 226.2
June	520.9	111.7	59.6	177.8	39.2	117.2	203.3	1 229.2
July	523.5	111.4	59.9	176.2	39.9	116.7	205.5	1 232.6

estimate has a relative standard error of 10% to less than 25% (b) Break in series. See the 'Trend Estimates' section of the and should be used with caution

⁽a) See paragraph 5 of the Explanatory Notes.

Explanatory Notes.



			Clothing and	Household	Recreational		Hospitality	
	Food	Department	soft good	good	good	Other	and	Total
Month	retailing	stores	retailing	retailing	retailing	retailing	services	Total
• • • • • • • • • •	• • • • • •	• • • • • • • • •	OPIG	GINAL (\$ r	million)	• • • • • • • • • •	• • • • • • • • •	• • • • • • • •
2024			UKIC	JINAL (DI	111111011)			
2004	000.0	400.0	04.7	055.4	^ 74 F	4.40.0	100.0	4 504 0
May	683.2	126.3	84.7	255.1	^ 74.5	148.0	192.9	1 564.8
June	667.9	131.3	85.6	272.6	^ 75.3	145.5	185.5	1 563.7
July	710.7	128.4	84.3	280.7	^ 78.1	157.2	203.7	1 643.3
August	693.4	111.8	79.2	267.4	^ 78.5	151.6	197.4	1 579.2
September	703.0	127.9	82.7	279.6	^ 82.1	164.1	200.4	1 639.6
October	713.1	131.1	92.5	295.3	^81.7	186.2	205.5	1 705.5
November	711.6	149.6	93.6	297.8	^87.4	192.9	211.2	1 744.0
December 2005	858.3	243.9	131.9	366.0	^ 124.8	253.8	227.0	2 205.6
	686.3	119.9	84.0	288.3	^ 96.4	154.4	194.3	1 623.6
January					^ 85.2			
February	648.2	101.9	73.6	255.3	^ 90.3	140.4	192.7	1 497.3
March	725.8	126.0	82.2	272.2		152.7	199.7	1 648.9
April	706.3	121.9	93.7	273.4	^ 94.3 ^ 00.1	149.5	199.0	1 638.2
May	711.7	121.8	93.2	277.4	^ 90.1 ^ 01.2	156.9	200.0	1 651.1
June	703.3	149.2	100.8	288.1	^ 91.2	151.7	191.8	1 676.0
July	745.2	127.1	89.4	298.3	^ 95.3	141.4	206.1	1 702.8
• • • • • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •		• • • • • • • • • • • •	• • • • • • • • •	• • • • • • • •
		S	EASONALL	Y ADJUST	ED (\$ milli	on)		
2004								
May	700.8	132.1	82.6	271.0	80.1	157.5	204.6	1 628.7
June	709.7	132.3	86.0	275.3	80.3	159.5	204.4	1 647.4
July	707.6	136.7	85.7	283.0	79.2	166.7	202.4	1 661.3
August	714.2	134.7	86.4	280.4	81.4	160.8	201.5	1 659.4
September	725.0	139.5	89.3	286.5	86.2	167.2	203.8	1 697.6
October	707.4	132.4	91.8	275.7	87.0	178.1	194.3	1 666.8
November	708.9	132.7	88.4	282.9	86.6	175.0	199.6	1 674.2
December	713.8	132.3	90.0	286.8	88.0	173.2	196.4	1 680.4
2005								
January	693.0	137.4	88.9	286.7	93.5	170.0	199.5	1 669.1
February	704.8	138.7	91.6	291.6	91.3	161.5	206.7	1 686.3
March	698.8	137.7	90.7	290.2	95.1	161.7	195.7	1 669.8
April	721.4	133.9	95.1	294.6	98.4	161.5	203.2	1 708.1
May	731.8	130.7	91.9	295.7	98.3	162.8	208.1	1 719.4
June	741.8	147.5	99.4	289.6	98.2	165.0	211.3	1 752.8
July	754.7	139.2	94.3	303.2	97.2	152.5	211.0	1 752.0
• • • • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • • •	• • • • • • • •	• • • • • • • •
			TREND E	STIMATES	(\$ million)		
2004								
May	701.7	132.4	84.8	271.0	79.8	159.1	203.6	1 631.9
June	707.4	133.9	85.1	275.7	80.1	160.8	203.6	1 646.2
July	712.0	135.0	86.0	279.2	80.9	162.8	203.2	1 659.1
August	714.5	135.3	87.3	281.1	82.3	164.8	201.9	1 668.6
September	714.8	135.1	88.5	281.9	84.1	166.1	200.1	1 674.4
October	712.8	134.8	89.3	282.6	85.9	(b) 176.2	198.3	1 676.7
November	709.1	134.8	89.7	283.6	87.7	174.7	196.8	1 676.3
December	705.0	134.9	89.9	285.2	89.5	171.9	196.0	1 674.6
2005								
January	702.6	135.1	90.2	287.4	91.4	168.7	196.3	1 675.0
February	704.1	135.7	90.9	289.6	93.3	165.8	197.9	1 680.1
March	710.1	136.3	92.0	291.5	95.1	163.6	200.6	1 691.0
April	719.0	137.0	93.3	293.1	96.6	162.1	203.6	1 705.2
May	729.0	137.8	94.5	294.6	97.6	160.8	206.6	1 720.9
June	738.9	138.8	95.4	296.1	98.3	159.5	209.3	1 736.9
July	748.4	139.6	96.2	297.6	98.6	158.5	211.7	1 753.3
•								

[^] estimate has a relative standard error of 10% to less than 25% (b) Break in series. See the 'Trend Estimates' section of the and should be used with caution

⁽a) See paragraph 5 of the Explanatory Notes.

Explanatory Notes.



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	Total
• • • • • • • • • •		• • • • • • • •	• • • • • • • • • •	• • • • • • • • •	• • • • • • • • •			• • • • • • • • • • • • • • • • • • • •
			ORIO	GINAL (\$ m	nillion)			
2004								
May	134.7	np	16.4	54.0	^ 18.4	np	39.9	330.7
June	134.3	np	^ 17.2	58.1	^ 18.0	np	39.2	334.9
July	141.2	np	^ 16.1	58.4	^ 20.2	np	40.3	346.2
August	134.0	np	^ 15.5	57.7	^ 19.5	np	35.2	324.7
September	138.5	np	^ 16.2	58.0	^ 20.5	np	37.6	338.8
October	146.8	np	13.9	61.2	^ 20.1	np	43.0	358.9
November	145.2	np	16.1	62.7	^ 20.0	np	43.4	365.5
December 2005	172.1	np	24.0	81.1	^ 28.0	np	52.8	475.4
January	154.5	np	16.0	57.9	^ 19.9	np	43.7	359.6
February	139.6	np	^ 15.6	53.2	^ 20.5	np	43.7	333.3
March	153.0	np	17.5	59.5	^ 19.7	np	47.9	367.6
April	146.4	np	19.4	58.1	^ 20.0	np	42.7	349.3
May	142.2	np	18.2	59.1	^ 19.3	np	40.5	343.8
June	140.9	np	18.9	61.3	^ 18.9	np	39.4	345.8
July	148.5	np	^ 17.8	62.4	^ 21.1	np	40.1	357.3
•								
• • • • • • • • • • •	• • • • • • •	• • • • • • • • •	CEACONALL	V AD III CTE				• • • • • • • • • •
			SEASONALL	Y ADJUSTE	ט (\$ millio) n)		
2004								
May	140.7	np	16.3	57.3	19.7	np	42.1	348.6
June	142.3	np	17.2	59.3	19.9	np	41.7	354.4
July	141.1	np	17.1	59.1	20.8	np	42.0	354.1
August	141.6	np	17.5	58.8	20.6	np	39.6	350.2
September	142.5	np	18.0	58.3	22.0	np	40.5	353.6
October	143.3	np	15.7	60.0	21.1	np	42.2	355.9
November	145.4	np	15.6	59.4	20.0	np	41.9	353.9
December	147.3	np	15.8	60.7	19.8	np	43.0	357.9
2005	150.5		17.1	62.4	20.0		43.2	367.1
January February	149.0	np np	18.0	62.4	20.2	np np	45.2 45.3	367.1
March	146.3	np	17.6	61.6	19.8	np	44.6	361.6
April	148.9	np	18.2	61.7	21.6	np	42.3	360.2
May	149.3	np	18.1	62.9	20.5	np	41.4	362.2
June	148.3	np	18.5	61.4	20.8	np	42.9	363.9
July	151.7	np	19.3	64.3	22.2	np	42.1	370.7
•								
• • • • • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	TDEND E	CTIMATEC	(\$ million)	• • • • • • • • •	• • • • • • • • •	• • • • • • • • • • • •
			IKEND E	SIIWAIES	(\$ 1111111011)			
2004								
May	140.5	np	16.8	58.0	19.7	np	41.6	349.5
June	141.0	np	17.0	58.2	20.2	np	41.5	351.2
July	141.5	np	17.1	58.5	20.6	np	41.3	352.3
August	142.0	np	17.1	58.8	20.9	np	41.0	352.9
September	142.9	np	16.8	59.1	21.0	np	41.1	353.6
October	144.2	np	16.5	59.6	20.8	np	41.5	355.2
November December	145.7	np	16.4 16.4	60.1	20.5	np	42.2	357.5
December 2005	147.1	np	16.4	60.8	20.2	np	43.1	360.0
January	148.0	nn	16.8	61.3	20.0	nn	43.6	362.0
February	148.0	np np	17.3	61.7	20.0	np np	43.8	362.0
March	148.6	np	17.8	61.9	20.3	np	43.6	363.3
April	148.7	np	18.1	62.1	20.6	np	43.2	363.5
May	149.0	np	18.4	62.4	20.9	np	42.7	363.9
June	149.4	np	18.7	62.6	21.2	np	42.3	364.7
July	149.8	np	18.8	62.9	21.5	np	42.0	365.4
-		•				•		

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

			Clothing and	Household	Recreational	.	Hospitality	
Month	Food retailing	Department stores	soft good retailing	good retailing	good retailing	Other retailing	and services	Total
WOITEN	70.00	0.0700	7000	7000	, otaliin ig	70.000	00,7,000	. 5 (4)
• • • • • • • • • •	• • • • • •	• • • • • • • • •	OPI	GINAL (\$ r	million)	• • • • • • • • •	• • • • • • • • • •	• • • • • • • • •
			OKI	AINAL (\$ 1	111111011)			
2004	70.0		0.0	04.0	Λ.F. 4		02.5	450.4
May	76.9	np	8.2	21.2	^ 5.4 ^ 6.1	np	23.5	159.1
June	80.7	np	9.6	23.7 20.2	^ 6.4	np	^ 25.5 ^ 30.5	170.9 180.1
July August	86.0 83.2	np	9.7 9.6	20.2	^ 6.2	np	^ 28.5	175.5
September	82.0	np np	9.3	20.0	^ 6.2	np np	^ 30.0	174.2
October	78.8	np	8.4	21.2	^ 6.2	np	^ 28.9	172.2
November	73.3	np	8.1	21.5	^ 5.5	np	^ 27.6	163.4
December	80.5	np	9.8	23.1	^ 7.3	np	^ 28.4	185.5
2005								
January	67.6	np	7.1	20.3	^ 5.3	np	^ 24.8	146.8
February	68.9	np	6.2	18.6	^ 5.1	np	^ 24.1	143.4
March	77.3	np	7.0	20.9	^ 5.8	np	^ 27.7	159.7
April	75.6	np	7.1	20.1	^ 6.0	np	^ 30.3	159.4
May	79.0	np	7.8	19.9	^ 5.8	np	^ 31.0	165.3
June	81.6	np	8.6	21.9	^ 6.2	np	^ 31.5	173.3
July	85.2	np	8.9	21.0	^ 6.1	np	34.7	182.7
			SEASONALI	Y ADJUST	ED (\$ milli	on)		
0004					、 ·	,		
2004	70.0		0.0	04.0			00.0	404.4
May	76.3	np	8.3	21.6	5.7	np	23.9	161.4
June	78.3	np	9.3	23.0	5.9	np	24.2	167.2
July August	77.8 77.8	np	8.5	20.2 20.6	5.9 5.7	np	25.8 25.5	163.4 163.1
September	78.4	np np	8.6 8.5	19.4	5. <i>1</i> 5.8	np np	28.6	165.9
October	76.5	np	8.0	20.2	6.0	np	27.0	164.6
November	76.5	np	8.0	20.2	5.8	np	27.0	163.8
December	77.7	np	7.7	20.1	6.0	np	27.7	165.2
2005		p		20.1	0.0	p		100.2
January	75.9	np	8.4	21.5	6.4	np	29.5	167.4
February	80.0	np	8.3	21.5	6.2	np	30.0	171.7
March	77.5	np	8.3	22.6	6.1	np	30.1	169.0
April	77.7	np	8.1	21.0	6.3	np	32.1	168.8
May	78.9	np	8.1	20.4	6.1	np	30.8	168.1
June	78.5	np	8.0	20.9	6.1	np	30.2	168.3
July	78.4	np	7.9	21.1	5.7	np	29.7	167.9
			TREND E	STIMATES	(\$ million)		
0004						•		
2004 May	76.7	nn	0.2	21.4	5.0	nn	၁၁ ၀	161.2
May	76.7	np	8.3	21.4	5.9	np	23.8	
June July	77.3 77.8	np np	8.5 8.5	21.4 21.0	5.8 5.8	np np	24.6 25.4	163.1 164.2
August	77.8	np	8.5	20.6	5.8	np	26.2	164.6
September	77.6	np	8.3	20.3	5.8	np	26.8	164.6
October	77.3	np	8.2	20.2	5.9	np	27.3	164.7
November	77.1	np	8.1	20.4	5.9	np	27.8	165.3
December	77.2	np	8.1	20.7	6.0	np	28.4	166.4
2005	=							
January	77.4	np	8.1	21.0	6.1	np	29.1	167.7
February	77.8	np	8.2	21.1	6.2	np	29.9	168.5
March	78.1	np	8.2	21.1	6.2	np	30.4	169.0
April	78.3	np	8.2	21.0	6.2	np	30.7	169.0
May	78.4	np	8.1	20.9	6.1	np	30.8	168.8
June	78.5	np	8.1	20.9	6.0	np	30.7	168.4
July	78.6	np	8.0	20.8	5.9	np	30.4	167.9

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.



			Clothing and	Household	Recreational		Hospitality	
	Food	Department	soft good	good	good	Other	and	
Month	retailing	stores	retailing	retailing	retailing	retailing	services	Total
• • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • •
			ORIG	INAL (\$ n	nillion)			
2004								
May	120.0	29.4	18.7	53.7	13.3	24.4	41.7	301.2
June	115.1	30.4	18.5	57.1	^ 13.6	^ 24.6	^ 42.9	302.3
July	124.3	25.8	16.6	56.2	^ 16.5	^ 23.6	^ 43.7	306.9
August	119.7	24.1	16.0	56.9	^ 15.0	^ 24.2	^ 40.9	296.8
September	121.0	26.4	17.4	54.0	^ 13.9	25.0	^ 41.5	299.3
October	126.5	27.4	18.6	60.1	^ 13.7	25.0	^ 44.6	315.8
November	125.5	31.3	18.8	59.4	14.3	^ 26.7	^ 42.1	318.2
December	142.5	52.0	27.2	76.3	20.0	37.7	^ 44.0	399.7
2005								
January	122.9	25.2	18.7	57.8	^ 12.8	20.7	^ 36.4	294.5
February	117.4	21.2	14.8	49.4	15.2	20.9	^ 35.3	274.2
March	129.4	26.4	18.7	53.0	^ 14.1	22.0	37.7	301.1
April	126.6	24.8	18.9	51.4	^ 14.9	23.4	^ 40.7	300.7
May	128.0	27.9	19.6	52.6	^ 15.0	^ 24.4	^ 40.5	307.9
June	124.7	32.3	20.7	56.0	^ 14.5	^ 23.5	^ 40.0	311.8
July	126.0	25.1	17.5	58.9	17.9	^ 26.8	^ 40.9	313.1
		SE	ASONALLY	/ ADJUST	ED (\$ milli	on)		
					(,	, ,		
2004								
May	120.5	29.1	17.6	56.5	13.9	26.1	41.0	304.7
June	121.0	29.6	17.6	57.6	14.4	26.7	41.9	308.8
July	122.3	28.9	17.5	57.2	14.9	24.6	41.3	306.7
August	122.2	29.1	18.0	59.0	15.0	24.1	40.2	307.6
September	123.0	29.7	18.6	57.0	14.9	24.9	41.4	309.5
October	122.9	28.4	18.9	58.7	14.4	25.4	42.1	310.8
November	124.0	28.2	18.8	57.0	14.1	24.9	41.4	308.4
December	125.4	28.5	19.1	57.1	14.3	24.8	42.1	311.3
2005								
January	125.9	29.0	20.3	57.9	14.6	23.8	40.2	311.5
February	126.3	28.9	18.4	56.5	15.9	24.6	39.9	310.4
March	127.9	28.9	19.8	55.5	14.8	23.8	38.4	309.1
April	129.3	26.1	18.1	54.8	15.9	25.1	41.7	311.0
May	130.0	28.6	18.8	55.3	16.1	25.6	40.1	314.5
June	129.5	30.7	19.4	56.5	15.3	26.0	39.0	316.4
July	125.7	29.1	18.7	59.2	16.6	27.7	38.5	315.4
• • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • •
			TREND ES	STIMATES	(\$ million)		
2004								
May	120.6	29.4	17.5	56.9	14.3	26.5	41.4	306.4
June	121.1	29.3	17.6	57.3	14.5	25.8	41.5	306.8
July	121.7	29.3	17.8	57.6	14.6	25.3	(b) 40.8	307.4
August	122.3	29.1	18.1	57.8	14.7	25.0	41.2	308.2
September	122.9	28.9	18.4	57.9	14.6	24.8	41.5	309.0
October	123.4	28.8	18.8	57.9	14.5	24.7	41.6	309.7
November	124.1	28.7	19.1	57.7	14.5	24.6	41.3	310.1
December	124.1	28.6	19.3	57.3	14.5	24.5	41.0	310.1
2005		20.0	20.0	31.0	2 1.0		.2.0	010.2
January					440	24.4	40 E	310.3
February	126.0	28 5	19.3	56.8	14 ×		40.5	
, oo, aary	126.0 127.1	28.5 28.4	19.3 19.2	56.8 56.2	14.8 15.1		40.5 40.1	
March	127.1	28.4	19.2	56.2	15.1	24.3	40.1	310.6
March April	127.1 128.0	28.4 28.4	19.2 19.1	56.2 55.9	15.1 15.4	24.3 24.5	40.1 39.8	310.6 311.2
April	127.1 128.0 128.5	28.4 28.4 28.5	19.2 19.1 19.0	56.2 55.9 55.8	15.1 15.4 15.6	24.3 24.5 25.0	40.1 39.8 39.7	310.6 311.2 312.2
April May	127.1 128.0 128.5 128.8	28.4 28.4 28.5 28.7	19.2 19.1 19.0 18.9	56.2 55.9 55.8 56.1	15.1 15.4 15.6 15.8	24.3 24.5 25.0 25.6	40.1 39.8 39.7 39.5	310.6 311.2 312.2 313.3
April	127.1 128.0 128.5	28.4 28.4 28.5	19.2 19.1 19.0	56.2 55.9 55.8	15.1 15.4 15.6	24.3 24.5 25.0	40.1 39.8 39.7	310.6 311.2 312.2

estimate has a relative standard error of 10% to less than
 Break in series. See the 'Trend Estimates' section of the
 and should be used with caution

Explanatory Notes 25% and should be used with caution

⁽a) See paragraph 5 of the Explanatory Notes.

Explanatory Notes.

EXPLANATORY NOTES

INTRODUCTION

- **1** This publication presents monthly estimates of the value of turnover of retail businesses classified by industry, and by state 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 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
- 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 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 August 2005 using data up to and including the June 2005 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

	Jul 2004	Jun 2005	Jul 2005
Factors as estimated at last reanalysis (June 2005 reference month)	0.98815	0.95892	0.97941
Factors as estimated with current month's data (July 2005 reference month)	0.98755	0.96016	0.97758

- 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 2005 annual reanalysis 94% 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

	• • • • • • • •		• • • • • • • •	• • • • • • •
	Aug	Sep	Oct	
	2005	2005	2005	
Factors as estimated with current month's data				
(July 2005 reference month)	0.96719	0.98278	1.01067	

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 July 2005 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 2003–04. 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 2005–06 financial year will initially be based upon price data for the 2003–04 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	А	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.

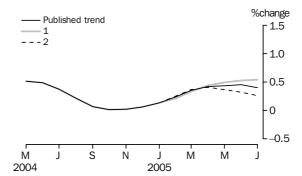
RELATED PUBLICATIONS

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 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.

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 August seasonally adjusted estimate of retail turnover is 1.0% higher than the July estimate.
 - 2 The August seasonally adjusted estimate of retail turnover is 1.0% lower than the July 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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ISSN 1032 3651

RRP \$23.00