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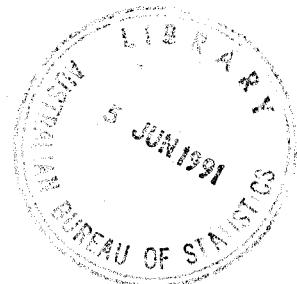
# Australian Bureau of Statistics

5 JUNE 1991

## CORRIGENDUM

### RETAIL TRADE AUSTRALIA, MARCH 1991

CATALOGUE NO. 8501.0 ISSUED 31 MAY 1991



An error has been detected in the compilation of the seasonally adjusted estimates of retail turnover at constant prices. This only effects the State totals in Table 6.

Corrected data for this table is shown overleaf.

IAN CASTLES  
Australian Statistician

#### INQUIRIES

- for further information about statistics in this publication and the availability of related unpublished statistics, contact Bill Powell on Canberra (06) 252 6132 or any ABS office.
- for further information about constant price estimates contact Alan Tryde on Canberra (06) 252 6801.
- for information about other ABS statistics and services please refer to the back page of this publication.

TABLE 6. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
QUARTERLY ESTIMATES, AT CONSTANT (AVERAGE 1984-85) PRICES, AUSTRALIA, STATES AND TERRITORIES (a)

Quarter	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
				ORIGINAL \$ million					
<i>1990 —</i>									
March	5,220.7	3,724.4	2,452.9	1,158.8	1,279.8	364.4	134.5	249.7	14,585.2
June	5,371.8	3,670.8	2,498.5	1,204.9	1,328.9	374.6	152.8	271.9	14,874.2
September	5,408.9	3,560.4	2,535.5	1,178.2	1,305.7	370.0	168.7	271.1	14,798.5
December	6,255.0	4,162.6	2,874.8	1,299.7	1,515.4	431.0	166.6	310.0	17,115.1
<i>1991 —</i>									
March	5,147.2	3,460.9	2,422.2	1,195.7	1,265.7	381.1	138.5	263.4	14,274.7
SEASONALLY ADJUSTED ESTIMATES									
<i>1990 —</i>									
March	5,553.9	3,924.1	2,604.2	1,229.1	1,341.5	380.9	n.p.	271.3	15,440.9
June	5,579.1	3,813.1	2,607.3	1,238.3	1,366.3	387.0	n.p.	277.5	15,386.8
September	5,654.7	3,757.0	2,579.0	1,223.7	1,374.7	392.5	n.p.	278.0	15,468.0
December	5,513.0	3,671.4	2,587.6	1,253.6	1,352.2	383.1	n.p.	276.4	15,184.4
<i>1991 —</i>									
March	5,514.6	3,659.8	2,577.9	1,273.8	1,337.9	402.6	n.p.	288.9	15,231.5
percentage change from preceding quarter									
<i>1990 —</i>									
March	0.1	-0.3	1.3	0.2	-3.0	2.0	n.p.	1.2	-0.1
June	0.5	-2.8	0.1	0.7	1.8	1.6	n.p.	2.3	-0.4
September	1.4	-1.5	-1.1	-1.2	0.6	1.4	n.p.	0.2	0.5
December	-2.5	-2.3	0.3	2.4	-1.6	-2.4	n.p.	-0.6	-1.8
<i>1991 —</i>									
March	0.0	-0.3	-0.4	1.6	-1.1	5.1	n.p.	4.5	0.3
percentage change from corresponding quarter of previous year									
<i>1990 —</i>									
March	2.7	-0.4	4.6	-0.1	0.1	1.5	n.p.	1.8	1.3
June	1.6	-2.7	2.9	2.5	2.4	4.8	n.p.	7.0	1.3
September	2.4	-4.1	0.9	0.9	-0.1	4.7	n.p.	4.1	0.4
December	-0.6	-6.7	0.7	2.2	-2.3	2.6	n.p.	3.1	-1.8
<i>1991 —</i>									
March	-0.7	-6.7	-1.0	3.6	-0.3	5.7	n.p.	6.5	-1.4

(a) Excludes motor vehicle dealers, petrol stations, etc.

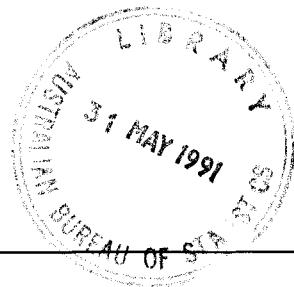


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CATALOGUE NO. 8501.0  
EMBARGOED UNTIL 11.30 A.M. 31 MAY 1991

RETAIL TRADE  
AUSTRALIA, MARCH 1991



NOTE: The Retail trade series have been revised back to April 1982 following the implementation of improved framework updating procedures. See paragraphs 25 to 27 of the Explanatory Notes.

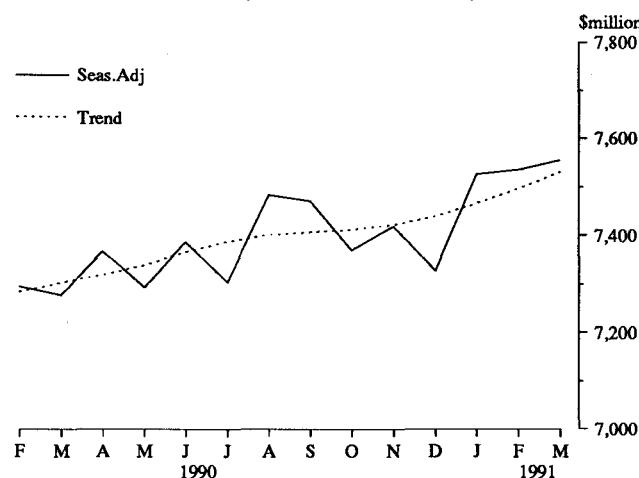
SUMMARY OF FINDINGS

Australian estimates

Turnover for retail (excluding motor vehicle dealers, service stations, etc.) and selected service establishments covered by the survey continues to show weak growth, with trend estimates increasing by an average of 0.4 per cent per month for the last three months. The annual growth rate (March 1991 over March 1990) is 3.1 per cent. This is slightly higher than the trend recorded in the previous three months and indicates that the slowing of the annual growth has ceased.

In seasonally adjusted terms the estimate for March 1991 rose 0.3 per cent over February 1991 to \$7555.7m. In original terms the estimate of turnover for retail and selected service establishments rose 9.6 per cent to \$7253.8m.

CHART 1: TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS, MONTHLY ESTIMATES, AUSTRALIA

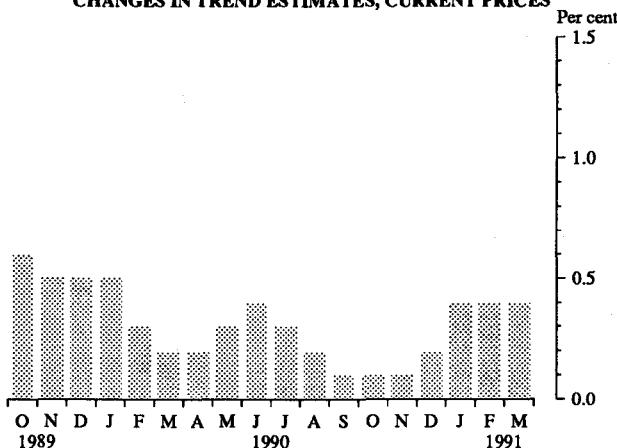


In constant price seasonally adjusted terms turnover in the March quarter 1991 rose by 0.3 per cent over the December quarter 1990 but is 1.4 per cent lower than the March quarter 1990.

INQUIRIES

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CHART2: TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS, AUSTRALIA, MONTHLY PERCENTAGE CHANGES IN TREND ESTIMATES, CURRENT PRICES



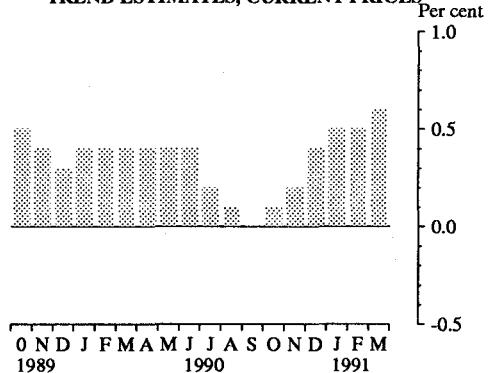
### Industry trends

The trend estimates show that, of the large industries, the Grocery industry is showing strong growth. Over the last 3 months the growth in the trend estimates has averaged 1.0 per cent which is comparable to the average monthly growth of 0.9 per cent over the past year. Clothing stores are now showing a reduced growth rate averaging 0.7 per cent for the last three months. The trend remains weak for Department stores, while Hotels, liquor stores and licensed clubs remain in decline. Other industries displaying strong growth are Footwear stores, Domestic hardware stores/jewellers, and Furniture stores with the average three monthly growth rates ranging from 1.3 per cent to 1.6 per cent. Industries in decline include Butchers, Floorcovering stores and Electrical goods stores.

PERCENTAGE CHANGE IN TREND ESTIMATES OF TURNOVER

Industry	Average monthly increase for 3 months to March 1991	Average monthly increase for 12 months to March 1991
Grocers	1.0	0.9
Hotels, liquor stores, licensed clubs	-0.6	0.0
Department and general stores	0.2	0.2
Clothing and fabrics stores	0.7	0.4
Total all industries	0.4	0.3

CHART3: TURNOVER OF RETAIL ESTABLISHMENTS, AUSTRALIA, MONTHLY PERCENTAGE CHANGES IN TREND ESTIMATES, CURRENT PRICES



Analysis of the *retail only* industries in total shows growth averaging 0.6 per cent per month over the last 3 months. Over the past year (March 1991 over March 1990) the *retail* industries have shown growth in turnover of 4.0 per cent, which is 0.9 percentage points higher than the all industries growth rate over the same period. The higher growth rate for *retail only* industries is due to the impact of Hotels, liquor stores and licensed clubs on the overall figure.

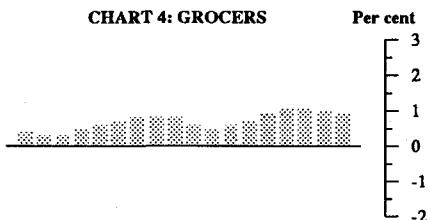
### State trends

Average growth in the trend estimates over the last three months for four of the five larger States is weak to moderate, with averages ranging from 0.1 per cent for Victoria and Western Australia to 0.5 per cent for Queensland. The growth rate for South Australia is slightly stronger averaging 0.9 per cent for the last three months while Tasmania and the Australian Capital Territory are showing strong growth.

**TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS, AUSTRALIA**

**TREND ESTIMATES, MONTHLY CHANGES  
CURRENT PRICES, SELECTED INDUSTRIES**  
Percentage change from preceding month

CHART 4: GROCERS

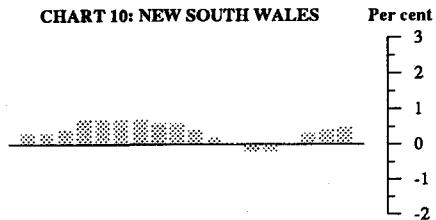


Per cent

**TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS**

**TREND ESTIMATES, MONTHLY CHANGES  
CURRENT PRICES, STATES**  
Percentage change from preceding month

CHART 10: NEW SOUTH WALES



Per cent

CHART 5 : OTHER FOOD STORES

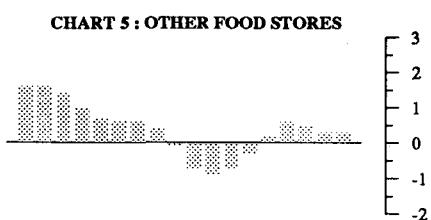
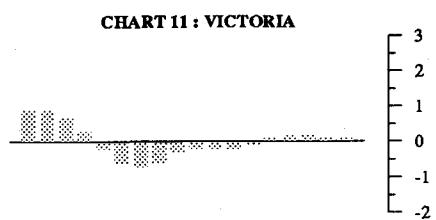


CHART 11 : VICTORIA



Per cent

CHART 6 : HOTELS, CLUBS etc

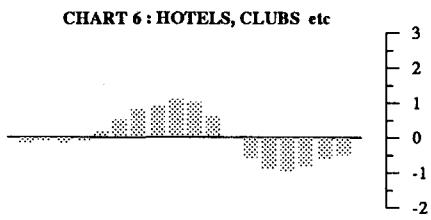
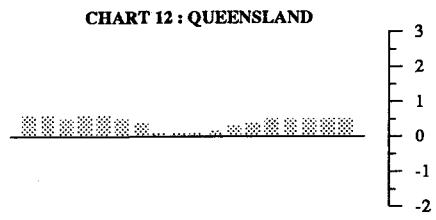


CHART 12 : QUEENSLAND



Per cent

CHART 7 : CLOTHING STORES etc

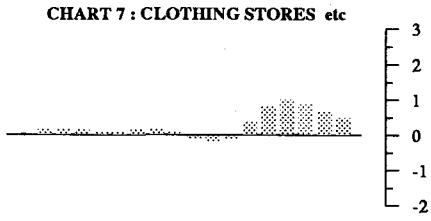
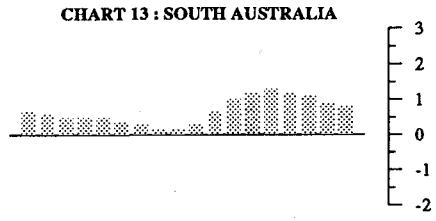


CHART 13 : SOUTH AUSTRALIA



Per cent

CHART 8 : DEPARTMENT STORES

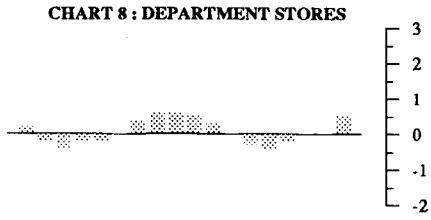
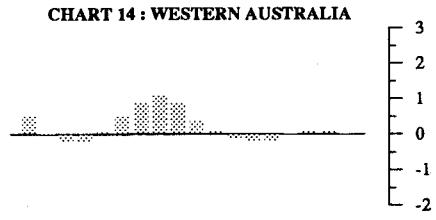


CHART 14 : WESTERN AUSTRALIA



Per cent

CHART 9 : ELECTRICAL GOODS STORES

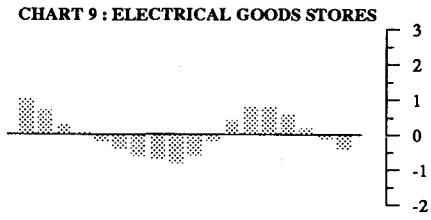
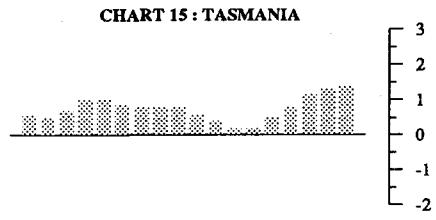


CHART 15 : TASMANIA



Per cent

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1989 1990 1991

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1989 1990 1991

TABLE 1. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
MONTHLY ESTIMATES, AT CURRENT PRICES, AUSTRALIA (a)

Month	Original		Seasonally adjusted		Trend estimates (b)	
	\$m	% change from preceding month	% change from corresponding month of previous year	\$m	% change from preceding month	\$m
			% change from corresponding month of previous year			
<i>1990 —</i>						
January	6,957.9	-28.5	8.9	7,270.0	0.8	7,260.2
February	6,408.3	-7.9	8.3	7,297.0	0.4	7,285.6
March	7,195.4	12.3	7.0	7,277.6	-0.3	7,303.5
April	6,884.6	-4.3	6.4	7,369.3	1.3	7,321.2
May	7,294.5	6.0	7.8	7,293.7	-1.0	7,341.1
June	7,160.1	-1.8	5.1	7,388.4	1.3	7,366.8
July	6,974.6	-2.6	4.0	7,304.8	-1.1	7,388.9
August	7,282.4	4.4	6.7	7,484.7	2.5	7,403.2
September	7,064.6	-3.0	0.9	7,472.8	-0.2	7,409.4
October	7,431.2	5.2	6.2	7,371.3	-1.4	7,413.8
November	7,779.8	4.7	3.8	7,420.2	0.7	7,422.9
December	9,745.5	25.3	0.1	7,328.3	-1.2	7,441.0
<i>1991 —</i>						
January	7,254.5	-25.6	4.3	7,527.1	2.7	7,468.4
February	6,616.4	-8.8	3.2	7,536.7	0.1	7,498.3
March	7,253.8	9.6	0.8	7,555.7	0.3	7,531.5
<i>Standard error (c) of</i>						
Latest month	73.9					
Change from previous month	45.6	0.7				

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Subject to revision — see from paragraph 21 of Explanatory Notes. (c) See paragraphs 9 to 13 of Explanatory Notes.

TABLE 2. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
QUARTERLY ESTIMATES, AUSTRALIA (a)

Quarter	Original		Seasonally adjusted						
	\$m	% change from preceding quarter	% change from corresponding quarter of previous year	\$m	% change from preceding quarter				
			% change from corresponding quarter of previous year						
AT CURRENT PRICES									
<i>1990 —</i>									
March	20,561.6	-15.1	8.1	21,844.6	1.4				
June	21,339.2	3.8	6.4	22,051.4	0.9				
September	21,321.6	-0.1	3.8	22,262.3	1.0				
December	24,956.5	17.0	3.0	22,119.8	-0.6				
<i>1991 —</i>									
March	21,124.7	-15.4	2.7	22,619.5	2.3				
AT CONSTANT (AVERAGE 1984-85) PRICES									
<i>1990 —</i>									
March	14,585.2	-16.0	2.4	15,441.0	-0.1				
June	14,874.2	2.0	1.1	15,387.0	-0.3				
September	14,798.5	-0.5	-0.4	15,468.0	0.5				
December	17,115.1	15.7	-1.4	15,184.0	-1.8				
<i>1991 —</i>									
March	14,274.7	-16.6	-2.1	15,231.0	0.3				

(a) Excludes motor vehicle dealers, petrol stations, etc.

TABLE 3. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
MONTHLY ESTIMATES BY INDUSTRY, AT CURRENT PRICES, AUSTRALIA (a)

Month	Grocers, confectioners, tobacc-		Hotels, liquor stores, licensed clubs		Depart- ment and general stores		Domestic hardware stores, jewellers		Elec- trical goods stores		Floor cover- ings stores		Pharma- cies		News- agents		Other stores		Total
	omists	Butchers	Other food stores	Cafes and rest- aurants	Clothing and fabrics stores	Footwear stores	Domestic hardware stores	Jewellers	Electri- cal goods stores	Furn- iture stores	Pharma- cies	New- agents	Other stores	Total					
ORIGINAL \$ million																			
1990—																			
January	1,915.4	179.5	522.5	1,000.1	373.3	476.3	671.5	99.7	210.6	419.9	146.2	54.0	265.3	267.1	356.4	6,957.9			
February	1,889.9	173.2	456.0	899.7	337.1	400.4	580.2	76.0	191.8	392.8	135.3	58.1	246.0	275.5	336.4	6,408.3			
March	2,074.3	195.8	495.7	988.0	381.5	478.7	719.7	89.4	210.8	424.8	151.0	65.1	281.7	269.2	369.5	7,195.4			
April	1,932.7	179.9	480.9	949.6	353.1	512.2	736.7	97.0	187.3	406.1	135.7	57.1	271.0	239.3	346.0	6,884.6			
May	2,022.0	192.8	479.5	937.0	354.0	578.6	807.2	102.1	205.5	461.9	156.3	68.5	298.5	264.3	366.4	7,294.5			
June	2,001.1	203.3	491.7	930.7	339.6	538.1	823.8	105.6	186.5	444.9	153.4	69.3	274.4	248.9	348.8	7,160.1			
July	1,951.1	194.9	488.7	945.9	352.8	522.6	703.2	93.4	185.8	425.0	157.2	62.0	278.4	257.3	356.5	6,974.6			
August	2,106.1	199.8	494.3	963.3	353.7	510.9	751.7	86.2	195.1	447.4	152.0	69.0	301.9	277.4	376.2	7,282.4			
September	1,969.9	187.6	465.9	997.8	371.8	506.5	733.6	94.7	195.4	402.7	145.5	65.5	304.0	244.9	378.9	7,064.6			
October	2,084.4	191.9	493.9	1,027.1	363.6	545.0	778.6	94.4	213.4	430.2	160.3	70.7	328.4	248.8	400.4	7,431.2			
November	2,176.5	189.3	492.1	1,058.2	375.3	574.1	921.8	95.6	239.4	447.4	160.9	70.9	313.3	253.7	411.5	7,779.8			
December	2,409.2	207.1	562.1	1,256.4	413.4	771.8	1,547.5	132.5	376.4	618.7	167.5	61.8	363.3	301.7	555.9	9,745.5			
1991—																			
January	2,188.2	176.0	520.4	1,008.8	365.8	496.9	687.2	109.4	199.5	432.6	145.0	50.0	273.5	241.0	360.1	7,254.5			
February	2,088.7	165.3	458.8	913.2	329.1	428.9	598.6	81.3	203.1	389.0	135.9	55.1	262.7	251.1	335.6	6,616.4			
March	2,237.7	183.3	489.6	993.9	344.0	475.4	712.1	96.4	196.0	395.7	150.4	55.8	295.6	264.3	363.6	7,253.8			
Standard error (b) of																			
Level Change	26.2	11.5	30.2	39.1	18.9	19.5	0.0	4.4	11.5	15.2	9.4	3.2	19.0	16.4	18.7	73.9			
Change	17.3	6.0	24.0	20.9	11.7	9.6	0.0	2.0	6.7	7.7	5.9	2.0	8.0	11.0	12.9	45.6			
TREND ESTIMATES (c) \$ million																			
1990—																			
January	1,965.6	187.7	489.1	970.7	n.p.	532.2	806.8	97.6	225.7	452.2	154.7	64.4	279.7	264.3	n.p.	7,260.2			
February	1,977.8	191.1	492.4	972.6	n.p.	532.7	805.2	97.3	224.3	451.5	155.0	64.9	283.5	265.5	n.p.	7,285.6			
March	1,992.5	193.5	495.3	977.5	n.p.	533.0	805.6	96.4	225.1	449.6	155.2	65.3	286.5	266.7	n.p.	7,303.5			
April	2,009.0	195.0	498.4	985.3	n.p.	533.8	808.7	95.6	225.1	446.7	155.3	65.4	288.3	267.8	n.p.	7,321.2			
May	2,025.2	195.7	500.6	994.6	n.p.	534.7	813.5	95.3	226.1	443.4	155.5	65.4	290.0	268.4	n.p.	7,341.1			
June	2,040.5	195.9	499.9	1,005.1	n.p.	535.4	818.5	95.1	226.6	440.0	155.3	65.4	292.7	268.6	n.p.	7,366.8			
July	2,053.4	195.7	496.6	1,014.7	n.p.	534.9	822.8	95.0	225.5	437.3	154.2	65.4	296.7	268.1	n.p.	7,388.9			
August	2,064.5	194.5	492.3	1,020.5	n.p.	533.7	825.1	95.3	222.0	436.4	152.1	65.0	300.9	266.1	n.p.	7,403.2			
September	2,077.0	192.3	488.7	1,020.3	n.p.	533.2	825.1	96.4	216.8	438.0	149.6	64.5	303.5	261.5	n.p.	7,409.4			
October	2,082.4	189.6	487.4	1,014.3	n.p.	535.3	823.0	98.1	212.1	441.5	148.0	63.7	303.8	255.5	n.p.	7,413.8			
November	2,111.8	186.8	488.6	1,004.9	n.p.	539.8	820.1	100.3	209.3	445.1	147.7	62.7	301.8	250.6	n.p.	7,422.9			
December	2,134.4	184.6	491.3	994.8	n.p.	545.0	818.6	102.6	209.3	447.7	148.7	61.6	298.7	248.3	n.p.	7,441.0			
1991—																			
January	2,157.7	183.1	493.8	986.4	n.p.	549.9	818.6	104.7	211.3	448.8	150.6	60.2	296.5	248.7	n.p.	7,468.4			
February	2,179.1	182.2	495.4	980.3	n.p.	553.7	818.8	106.4	214.4	448.4	152.9	58.8	295.8	250.7	n.p.	7,498.3			
March	2,198.9	181.7	496.9	975.1	n.p.	556.2	822.7	107.6	217.6	446.8	154.9	57.6	295.7	254.1	n.p.	7,531.5			

See footnotes at end of table.

TABLE 3. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
MONTHLY ESTIMATES BY INDUSTRY, AT CURRENT PRICES, AUSTRALIA (a)—continued

Month	Grocers, confectioners, tobacc-	Hotels, liquor stores, licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Domestic hardware stores, jewellers	Electri- cal goods stores	Furni- ture stores	Floor cover- ings stores	Pharma- cies	News- agents	Other stores	Total				
	o-nists	Butchers	Other food stores	aurants	Footwear stores	stores	goods	stores	stores	new-	agents	stores					
TREND ESTIMATES (c)																	
Percentage change from preceding month																	
<i>1990—</i>																	
January	0.5	2.3	1.0	-0.1	n.p.	0.2	-0.2	0.6	-1.1	0.1	0.5	0.3	1.4	0.4	n.p.	0.5	
February	0.6	1.8	0.7	0.2	n.p.	0.1	-0.2	-0.3	-0.5	-0.2	0.2	0.8	1.4	0.5	n.p.	0.3	
March	0.7	1.3	0.6	0.5	n.p.	0.1	-0.1	-0.9	-0.1	-0.4	0.1	0.6	1.1	0.5	n.p.	0.2	
April	0.8	0.8	0.6	0.8	n.p.	0.2	0.4	-0.8	0.4	-0.6	0.1	0.2	0.2	0.6	0.4	n.p.	0.2
May	0.8	0.4	0.4	0.9	n.p.	0.2	0.6	-0.3	0.4	-0.7	0.1	0.0	0.6	0.2	n.p.	0.3	
June	0.8	0.1	-0.1	1.1	n.p.	0.1	0.6	-0.2	0.2	-0.8	-0.1	0.0	0.9	0.1	n.p.	0.4	
July	0.6	-0.1	-0.7	1.0	n.p.	-0.1	0.5	-0.1	-0.5	-0.6	-0.7	0.0	1.4	-0.2	n.p.	0.3	
August	0.5	-0.6	-0.9	0.6	n.p.	-0.2	0.3	0.3	-1.6	-0.2	-1.4	-0.6	1.4	-0.7	n.p.	0.2	
September	0.6	-1.1	-0.7	0.0	n.p.	-0.1	0.0	1.2	-2.3	0.4	-1.6	-0.8	0.9	-1.7	n.p.	0.1	
October	0.7	-1.4	-0.3	-0.6	n.p.	0.4	-0.3	1.8	-2.2	0.8	-1.1	-1.2	0.1	-2.3	n.p.	0.1	
November	0.9	-1.5	0.2	-0.9	n.p.	0.8	-0.4	2.2	-1.3	0.8	-0.2	-1.6	-0.7	-1.9	n.p.	0.1	
December	1.1	-1.2	0.6	-1.0	n.p.	1.0	-0.2	2.3	0.0	0.6	0.7	-1.8	-1.0	-0.9	n.p.	0.2	
<i>1991—</i>																	
January	1.1	-0.8	0.5	-0.8	n.p.	0.9	0.0	2.0	1.0	0.2	1.3	-2.3	-0.7	0.2	n.p.	0.4	
February	1.0	-0.5	0.3	-0.6	n.p.	0.7	0.0	1.6	1.5	-0.1	1.5	-2.3	-0.2	0.8	n.p.	0.4	
March	0.9	-0.3	0.3	-0.5	n.p.	0.5	0.5	1.1	1.5	-0.4	1.3	-2.0	0.0	1.4	n.p.	0.4	
TREND ESTIMATES (c)																	
percentage change from corresponding month of previous year																	
<i>1990—</i>																	
January	7.9	8.5	16.4	10.3	n.p.	-5.0	4.3	16.5	-6.4	15.4	8.0	-1.7	15.6	7.5	n.p.	8.2	
February	7.8	9.0	16.0	8.8	n.p.	-4.9	4.6	16.0	-9.1	13.2	6.7	0.6	16.0	5.9	n.p.	7.7	
March	8.0	9.1	15.2	7.2	n.p.	-4.3	4.9	13.0	-10.8	11.2	5.5	2.2	15.9	4.6	n.p.	7.2	
April	8.2	9.1	14.4	5.8	n.p.	-3.0	5.0	9.3	-11.3	9.1	4.8	2.2	15.4	3.8	n.p.	6.7	
May	8.2	9.3	13.7	4.9	n.p.	-1.4	4.9	6.2	-10.9	6.9	4.9	1.4	14.9	3.0	n.p.	6.2	
June	8.1	9.8	12.4	4.5	n.p.	0.0	4.4	3.9	-10.0	4.3	5.2	0.3	14.7	2.1	n.p.	5.8	
July	7.8	10.6	10.5	4.5	n.p.	0.6	3.6	2.4	-9.4	1.8	5.0	-0.2	14.8	1.4	n.p.	5.3	
August	7.4	10.9	8.0	4.6	n.p.	0.7	2.6	1.7	-9.3	-0.1	3.5	-0.3	14.8	0.6	n.p.	4.7	
September	7.4	10.0	5.6	4.5	n.p.	0.8	1.8	2.1	-9.6	-1.1	0.9	-0.5	14.1	-0.8	n.p.	4.1	
October	7.7	7.7	3.5	4.0	n.p.	1.2	1.3	3.2	-9.9	-1.3	-1.5	-1.2	12.8	-2.7	n.p.	3.5	
November	8.3	4.2	2.2	3.3	n.p.	1.8	1.1	4.4	-9.6	-1.2	-3.2	-2.8	10.8	-4.6	n.p.	3.2	
December	9.1	0.7	1.4	2.4	n.p.	2.6	1.3	5.8	-8.3	-0.9	-3.4	-4.0	8.3	-5.7	n.p.	3.0	
<i>1991—</i>																	
January	9.8	-2.5	1.0	1.6	n.p.	3.3	1.5	7.3	-6.4	-0.8	-2.7	-6.5	6.0	-5.9	n.p.	2.9	
February	10.2	-4.7	0.6	0.8	n.p.	3.9	1.7	9.4	-4.5	-0.7	-1.4	-9.4	4.3	-5.6	n.p.	2.9	
March	10.4	-6.1	0.3	-0.2	n.p.	4.4	2.1	11.6	-3.0	-0.6	-0.2	-11.8	3.2	-4.7	n.p.	3.1	

(a) Excludes motor vehicle dealers, petrol stations, etc.  
(b) The standard error of the estimates for the latest month and of the latest month from the preceding month — see paragraphs 9 to 13 of Explanatory Notes.  
(c) Subject to revision — see from paragraph 21 of Explanatory Notes.

TABLE 4. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
QUARTERLY ESTIMATES BY INDUSTRY, AT CONSTANT (AVERAGE 1984—85) PRICES, AUSTRALIA (a)

Quarter	Grocers, confectioners, tobacc-		Hotels, liquor stores,		Depart- ment and fabrics		Domestic hardware stores,		Electri- cal goods		Floor cover- ings		Other stores		<i>Total</i>
	Butchers	tobac- con- fiers	Other food stores	licensed clubs	rest- aurants	austrans	Footwear stores	Footwear stores	Jewellers	stores	Pharma- cies	News- agents	Other stores	Total	
ORIGINAL \$million															
1990 —															
March	4,141.9	400.6	969.7	1,972.7	761.5	930.3	1,408.8	191.4	479.5	1,044.0	303.3	114.9	580.8	532.7	753.1
June	4,129.2	411.8	921.8	1,895.6	715.7	1,096.6	1,664.6	217.8	445.4	1,109.3	303.6	125.3	612.1	486.1	739.3
September	4,181.4	421.1	945.7	1,925.3	730.4	1,030.2	1,528.9	195.5	445.7	1,066.9	308.9	124.6	630.4	498.5	765.0
December	4,570.7	430.0	997.3	2,164.2	766.7	1,243.7	2,237.7	225.6	636.6	1,248.2	323.2	127.9	701.1	506.8	935.4
1991 —															
March	4,336.1	377.6	906.0	1,866.5	685.4	916.9	1,367.7	199.0	456.9	1,016.1	287.2	100.9	567.1	476.8	714.5
SEASONALLY ADJUSTED ESTIMATES \$million															
1990 —															
March	4,186.7	416.5	965.6	1,990.4	n.p.	1,089.3	1,707.9	208.7	530.1	1,143.8	322.8	126.1	617.2	532.3	n.p.
June	4,218.1	422.4	951.8	2,007.0	n.p.	1,094.7	1,736.3	206.1	519.3	1,124.4	319.0	129.4	634.7	511.3	n.p.
September	4,300.6	425.4	971.9	2,028.6	n.p.	1,067.3	1,719.8	205.6	519.3	1,103.2	312.0	121.0	636.9	516.9	n.p.
December	4,331.0	405.0	947.5	1,953.4	n.p.	1,059.0	1,702.1	210.2	471.5	1,106.2	287.9	117.7	638.9	471.2	n.p.
1991 —															
March	4,420.8	392.1	906.0	1,886.4	n.p.	1,087.4	1,673.6	218.1	502.2	1,120.8	310.4	110.7	606.5	478.8	n.p.
percentage change from preceding quarter															
1990 —															
March	0.0	5.5	3.0	-2.0	n.p.	-0.4	-3.0	-0.5	-0.5	1.1	-2.4	1.5	0.6	1.9	n.p.
June	0.7	1.4	-1.4	0.8	n.p.	0.5	1.7	-1.2	-2.0	-1.7	-1.2	2.6	2.8	-3.9	n.p.
September	2.0	0.7	2.1	1.1	n.p.	-2.5	-1.0	-0.2	0.0	-1.9	-2.2	-6.5	0.3	1.1	n.p.
December	0.7	-4.8	-2.5	-3.7	n.p.	-0.8	-1.0	2.2	-9.2	0.3	-7.7	-2.7	0.3	-8.8	n.p.
1991 —															
March	2.1	-3.2	-4.4	-3.4	n.p.	2.7	-1.7	3.8	6.5	1.3	7.8	-5.9	-5.1	1.6	n.p.
percentage change from corresponding quarter of previous year															
1990 —															
March	0.3	0.9	9.6	0.3	n.p.	-11.7	-1.2	10.2	-10.0	12.8	0.9	-0.2	9.4	4.6	n.p.
June	2.2	3.0	9.1	-2.3	n.p.	-5.3	1.8	5.0	-12.6	6.0	-5.6	-4.6	9.9	-3.1	n.p.
September	2.6	7.9	11.2	-1.9	n.p.	-3.7	-2.0	1.3	-9.4	-0.7	-2.7	-11.2	7.9	-4.1	n.p.
December	3.4	2.6	1.1	-3.8	n.p.	-3.2	-3.4	0.2	-11.5	-2.2	-13.0	-5.2	4.1	-9.8	n.p.
1991 —															
March	5.6	-5.9	-6.2	-5.2	n.p.	-0.2	-2.0	4.5	-5.3	-2.0	-3.8	-12.2	-1.7	-10.1	n.p.

(a) Excludes motor vehicle dealers, petrol stations, etc.

TABLE 5. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
MONTHLY ESTIMATES, AT CURRENT PRICES, AUSTRALIA, STATES AND TERRITORIES (a)

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
	ORIGINAL \$ million								
<i>1990 —</i>									
January	2,449.6	1,811.8	1,189.3	547.5	614.9	169.1	61.4	114.4	6,957.9
February	2,284.2	1,661.8	1,072.2	495.1	565.1	162.8	59.6	107.5	6,408.3
March	2,572.5	1,831.8	1,198.4	571.2	647.0	184.3	68.2	121.9	7,195.4
April	2,467.5	1,749.6	1,130.9	553.7	623.4	172.1	67.3	120.1	6,884.6
May	2,615.0	1,826.2	1,225.5	584.9	653.0	185.1	74.8	130.0	7,294.5
June	2,550.8	1,773.8	1,228.5	566.5	653.2	180.1	77.4	129.8	7,160.1
July	2,519.6	1,710.3	1,183.0	553.5	626.3	173.0	82.1	126.8	6,974.6
August	2,622.3	1,781.3	1,255.7	578.2	649.0	183.8	83.5	128.7	7,282.4
September	2,571.0	1,718.3	1,205.9	554.5	631.5	177.5	79.3	126.6	7,064.6
October	2,692.1	1,812.3	1,268.3	595.4	663.7	187.3	80.6	131.5	7,431.2
November	2,816.8	1,898.3	1,306.7	652.7	691.0	199.1	77.9	137.4	7,779.8
December	3,490.0	2,459.5	1,616.6	796.2	879.3	245.3	87.5	171.0	9,745.5
<i>1991 —</i>									
January	2,589.6	1,779.6	1,255.6	603.6	644.9	190.7	67.0	123.5	7,254.5
February	2,369.3	1,627.9	1,126.3	541.1	591.2	177.0	65.3	118.3	6,616.4
March	2,591.5	1,769.1	1,219.3	612.4	652.8	197.8	74.4	136.4	7,253.8
<i>Standard error (b) of</i>									
Level	52.0	40.1	27.3	13.7	13.3	5.2	1.5	2.9	73.9
Change	27.0	29.0	18.8	6.8	9.2	4.0	1.1	2.0	45.6
<i>1990 —</i>									
January	2,575.8	1,879.8	1,218.0	571.7	642.2	178.4	n.p.	123.4	7,260.2
February	2,593.3	1,875.8	1,225.5	574.4	642.8	180.2	n.p.	124.4	7,285.6
March	2,610.8	1,864.1	1,232.1	576.7	646.1	181.8	n.p.	125.4	7,303.5
April	2,628.4	1,850.6	1,236.7	578.5	652.1	183.3	n.p.	126.5	7,321.2
May	2,644.3	1,840.2	1,238.3	579.6	659.1	184.7	n.p.	127.9	7,341.1
June	2,659.8	1,834.4	1,239.1	580.7	664.9	186.2	n.p.	129.2	7,366.8
July	2,671.7	1,830.6	1,240.8	582.6	667.8	187.4	n.p.	130.3	7,388.9
August	2,677.3	1,826.4	1,243.1	586.5	668.4	188.2	n.p.	131.0	7,403.2
September	2,676.0	1,822.5	1,246.5	592.2	667.4	188.6	n.p.	131.1	7,409.4
October	2,670.1	1,820.9	1,251.2	599.6	666.2	189.0	n.p.	131.3	7,413.8
November	2,664.4	1,822.0	1,257.4	607.6	665.2	189.9	n.p.	132.1	7,422.9
December	2,664.3	1,824.9	1,264.3	615.0	665.3	191.4	n.p.	133.5	7,441.0
<i>1991 —</i>									
January	2,671.0	1,827.9	1,271.0	621.6	665.8	193.7	n.p.	135.2	7,468.4
February	2,681.2	1,830.2	1,277.4	627.2	666.4	196.2	n.p.	137.1	7,498.3
March	2,693.3	1,832.0	1,283.7	632.0	666.7	198.9	n.p.	138.9	7,531.5

See footnotes at end of table.

TABLE 5. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
MONTHLY ESTIMATES, AT CURRENT PRICES, AUSTRALIA, STATES AND TERRITORIES (a)—*continued*

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) The standard error of the estimates for the latest month and of the latest month from the preceding month — see paragraphs 9 to 13 of Explanatory Notes. (c) Subject to revision — see from paragraph 21 of Explanatory Notes.

TABLE 6. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
QUARTERLY ESTIMATES, AT CONSTANT (AVERAGE 1984-85) PRICES, AUSTRALIA, STATES AND TERRITORIES (a)

Quarter	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
<i>1990 —</i>									
March	5,220.7	3,724.4	2,452.9	1,158.8	1,279.8	364.4	134.5	249.7	14,585.2
June	5,371.8	3,670.8	2,498.5	1,204.9	1,328.9	374.6	152.8	271.9	14,874.2
September	5,408.9	3,560.4	2,535.5	1,178.2	1,305.7	370.0	168.7	271.1	14,798.5
December	6,255.0	4,162.6	2,874.8	1,399.7	1,515.4	431.0	166.6	310.0	17,115.1
<i>1991 —</i>									
March	5,147.2	3,460.9	2,422.2	1,195.7	1,265.7	381.1	138.5	263.4	14,274.7
SEASONALLY ADJUSTED ESTIMATES									
<i>1990 —</i>									
March	5,344.9	3,736.4	2,526.1	1,175.2	1,282.4	370.9	n.p.	271.3	15,441.0
June	5,372.7	3,634.7	2,229.9	1,184.5	1,303.8	375.2	n.p.	277.5	15,387.0
September	5,443.9	3,568.6	2,502.2	1,180.4	1,302.1	377.4	n.p.	278.0	15,468.0
December	5,328.8	3,497.9	2,518.9	1,210.9	1,276.6	368.8	n.p.	276.4	15,184.0
<i>1991 —</i>									
March	5,514.6	3,659.8	2,577.9	1,273.8	1,337.9	402.6	n.p.	288.9	15,231.0
percentage change from preceding quarter									
<i>1990 —</i>									
March	0.0	-0.4	1.2	0.2	-3.0	2.0	n.p.	1.2	-0.1
June	0.5	-2.7	-11.7	0.8	1.7	1.2	n.p.	2.3	-0.3
September	1.3	-1.8	12.2	-0.3	-0.1	0.6	n.p.	0.2	0.5
December	-2.1	-2.0	0.7	2.6	-2.0	-2.3	n.p.	-0.6	-1.8
<i>1991 —</i>									
March	3.5	4.6	2.3	5.2	4.8	9.2	n.p.	4.5	0.3
percentage change from corresponding quarter of previous year									
<i>1990 —</i>									
March	2.8	-0.5	4.7	0.0	0.0	1.8	n.p.	1.8	1.3
June	1.7	-2.7	-9.3	2.6	2.1	4.4	n.p.	7.0	1.3
September	2.4	-4.4	0.9	1.7	-1.1	3.4	n.p.	4.1	0.4
December	-0.3	-6.8	0.9	3.3	-3.5	1.4	n.p.	3.1	-1.8
<i>1991 —</i>									
March	3.2	-2.1	2.1	8.4	4.3	8.5	n.p.	6.5	-1.4

(a) Excludes motor vehicle dealers, petrol stations, etc.

TABLE 7. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a)

Month	Grocers, confec- tione- rs, tobacc- o- rists		Hotels, liquor stores, licensed clubs		Cafes and rest- aurants		Clothing and fabrics stores		Depart- ment and general stores		Domestic hardware stores, jewellers		Electri- cal goods stores		Floor cover- ings stores		Furni- ture stores		Pharma- cies		News- agents		Other stores		Total	
	Butchers	stores	Other food stores	Butchers	stores	Cafes and rest- aurants	stores	Footwear stores	stores	Domestic hardware stores, jewellers	stores	Electri- cal goods stores	stores	Furni- ture stores	stores	Pharma- cies	stores	News- agents	stores	Other stores	Total					
<b>1990—</b>																										
January	564.5	72.0	193.7	452.7	142.5	164.2	235.0	36.5	66.5	132.9	51.5	16.5	107.5	92.1	121.2	2,449.6										
February	560.7	71.9	168.8	404.8	132.5	138.1	199.4	27.6	63.1	121.5	48.0	16.4	101.3	106.9	123.4	2,284.2										
March	611.6	79.0	179.7	455.1	139.1	171.3	255.6	32.7	72.1	135.5	54.7	22.5	115.0	114.7	134.0	2,572.5										
April	570.9	72.8	178.6	448.2	134.4	181.4	257.1	34.7	61.5	127.6	49.8	19.6	114.3	96.6	120.0	2,467.5										
May	597.3	78.0	177.9	447.1	130.6	211.4	284.5	36.4	68.6	146.3	56.4	24.4	124.1	107.3	124.7	2,615.0										
June	607.7	85.8	176.3	444.9	124.3	178.2	284.1	40.4	63.0	134.0	55.0	26.3	114.4	96.5	120.0	2,550.8										
July	597.3	83.6	172.7	465.3	123.2	177.1	253.7	34.8	60.8	133.2	54.0	21.3	116.7	106.5	119.6	2,519.6										
August	647.5	85.0	175.1	468.8	130.1	172.6	263.6	33.3	64.9	138.1	51.3	24.5	123.9	118.5	125.2	2,622.3										
September	607.5	78.9	152.3	475.5	139.9	184.0	264.0	35.7	64.8	131.7	51.7	26.1	135.9	100.0	123.1	2,571.0										
October	632.3	79.4	165.7	494.8	130.5	199.6	274.6	35.2	71.6	144.3	58.9	25.8	146.9	99.7	133.0	2,692.1										
November	667.8	79.7	164.6	502.9	136.7	215.2	323.7	35.8	81.2	147.0	56.1	26.3	139.9	100.7	139.3	2,816.8										
December	740.0	85.1	185.7	571.1	158.1	292.3	555.2	49.2	119.0	216.1	60.0	23.9	153.1	107.7	173.5	3,490.0										
<b>1991—</b>																										
January	676.6	70.1	172.9	480.4	135.1	183.8	239.8	38.2	60.8	143.3	51.9	18.1	114.7	86.1	117.7	2,589.6										
February	615.8	67.8	152.4	433.6	119.5	152.9	206.7	28.9	64.5	129.8	48.4	20.7	114.2	103.4	110.7	2,369.3										
March	671.8	75.3	158.2	467.4	125.1	171.1	249.1	33.4	69.1	131.5	54.6	21.9	125.3	111.0	126.8	2,591.5										
<i>Standard error (b) of Level Change</i>	17.5	7.3	15.9	31.3	13.3	14.2	0.0	3.3	4.6	7.8	5.8	2.5	15.6	13.0	13.9	52.0										
<b>TREND ESTIMATES (c)</b>																										
<b>1990—</b>																										
October	641.0	78.7	164.2	486.5	n.p.	195.2	289.6	36.2	70.9	145.0	52.4	23.0	133.3	101.6	n.p.	2,670.1										
November	647.3	76.5	163.2	477.7	n.p.	198.8	288.2	36.4	67.8	147.1	52.5	23.2	132.8	98.4	n.p.	2,664.4										
December	654.5	75.1	162.8	469.7	n.p.	201.3	287.0	36.9	66.4	148.3	53.0	23.5	130.4	96.8	n.p.	2,664.3										
<b>1991—</b>																										
January	661.5	74.3	162.2	463.8	n.p.	202.8	286.1	37.3	66.6	148.9	53.8	23.8	127.7	97.2	n.p.	2,671.0										
February	667.2	73.9	161.3	459.9	n.p.	203.4	285.4	37.5	67.7	148.8	54.6	24.1	125.7	98.8	n.p.	2,681.2										
March	672.5	74.0	161.0	457.8	n.p.	203.2	286.5	37.7	69.5	148.6	55.3	24.3	123.9	101.5	n.p.	2,693.3										
percentage change from preceding month																										
October	0.9	-3.0	-1.5	-1.4	n.p.	2.0	-0.4	0.3	-5.1	1.9	-0.9	0.4	1.2	-3.5	n.p.	-0.2										
November	1.0	-2.8	-0.6	-1.8	n.p.	1.8	-0.5	0.6	-4.4	1.4	0.2	0.9	-0.4	-3.1	n.p.	-0.2										
December	1.1	-1.8	-0.2	-1.7	n.p.	1.3	-0.4	1.4	-2.1	0.8	1.0	1.3	-1.8	-1.6	n.p.	0.0										
<b>1991—</b>																										
January	1.1	-1.1	-0.4	-1.3	n.p.	0.7	-0.3	1.1	0.3	0.4	1.5	1.3	-2.1	0.4	n.p.	0.3										
February	0.9	-0.5	-0.6	-0.8	n.p.	0.3	-0.2	0.5	1.7	-0.1	1.5	1.3	-1.6	1.6	n.p.	0.4										
March	0.8	0.1	-0.2	-0.5	n.p.	-0.1	0.4	0.5	2.7	-0.1	1.3	0.8	-1.4	2.7	n.p.	0.5										

See footnotes at end of table.

TABLE 7. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a)—continued

Month	Grocers, confec- tione rs, tobac- co nists		Hotels, liquor stores, licensed clubs		Cafes and rest- aurants		Clothing and fabrics stores		Depart- ment and general stores		Domestic hardware stores		Electri- cal goods stores		Furni- ture stores		Floor cover- ings stores		Pharma- ceutics		News- agents		Other stores		Total		
		Butchers		Other food stores		Curtains					Jewellers																
ORIGINAL \$ million																											
1990—																											
January	553.0	47.0	130.5	195.9	100.0	125.4	151.5	22.5	75.8	116.7	38.0	13.9	61.2	81.4	98.8	98.8	1,811.8										
February	523.1	43.4	115.7	178.2	96.2	112.7	135.5	19.5	64.7	109.8	33.5	16.3	55.7	74.5	83.1	1,661.8											
March	592.3	52.7	121.9	186.4	115.1	126.6	165.9	20.6	70.2	112.3	35.4	14.9	61.3	61.2	95.0	1,831.8											
April	546.7	47.7	115.1	172.6	97.1	139.4	177.9	24.0	63.6	115.1	32.9	13.0	58.6	53.3	92.6	1,749.6											
May	570.1	50.6	111.4	163.7	99.0	152.7	188.4	24.8	69.4	125.3	37.1	15.1	63.1	61.7	93.8	1,826.2											
June	552.0	50.7	118.0	160.5	92.6	148.4	195.6	23.5	62.2	120.4	34.3	16.2	53.8	56.4	89.1	1,773.8											
July	526.0	46.1	118.0	159.2	104.0	145.9	156.2	21.8	65.5	114.5	38.7	12.7	52.5	56.3	92.9	1,710.3											
August	571.6	48.2	116.9	160.9	96.4	139.5	171.5	19.3	67.1	119.8	39.3	14.4	57.5	59.3	99.6	1,781.3											
September	539.1	47.4	109.3	182.7	101.8	130.9	162.4	19.8	65.3	105.0	34.5	11.3	55.2	53.6	100.1	1,718.3											
October	581.7	47.3	113.1	182.7	99.5	141.3	176.7	22.2	71.6	108.7	36.9	14.2	58.2	53.6	104.5	1,812.3											
November	604.5	45.5	113.5	194.3	95.5	149.1	212.1	22.9	79.2	110.4	39.0	12.4	55.5	56.1	108.2	1,898.3											
December	668.6	50.1	140.8	249.7	101.5	212.3	373.6	35.2	129.6	150.0	43.0	13.4	66.5	76.8	148.4	2,459.5											
1991—																											
January	597.0	45.2	125.2	175.5	91.6	124.8	152.7	30.2	69.6	108.8	37.8	9.2	52.4	66.8	92.8	1,779.6											
February	551.5	42.7	104.2	167.2	86.7	114.9	135.6	23.4	71.6	91.5	34.3	9.4	48.0	57.6	89.3	1,627.9											
March	613.0	44.4	116.7	176.0	85.8	128.2	167.9	25.1	65.0	98.5	36.7	9.8	56.9	55.8	89.4	1,769.1											
Standard error (b) of Level	15.9	7.2	22.3	15.0	8.9	9.7	0.0	2.5	10.0	11.5	6.7	1.4	5.0	4.5	8.8	40.1											
Change	10.0	2.5	20.9	6.2	7.0	7.2	0.0	0.9	4.5	4.7	3.8	0.6	5.7	4.6	6.9	29.0											
TREND ESTIMATES (c) \$ million																											
1990—																											
October	576.3	47.4	114.8	182.9	n.p.	143.0	190.8	23.7	72.4	112.0	35.9	12.2	55.3	57.6	n.p.	1,820.9											
November	581.5	47.1	115.1	181.8	n.p.	142.6	190.9	25.2	72.3	110.9	36.5	11.7	54.4	57.5	n.p.	1,822.0											
December	585.9	46.8	116.2	179.2	n.p.	142.9	190.6	26.6	72.8	110.2	37.4	11.3	53.9	57.9	n.p.	1,824.9											
1991—																											
January	588.9	46.3	117.4	176.1	n.p.	143.5	190.1	27.8	73.6	109.8	38.5	10.9	53.8	58.5	n.p.	1,827.9											
February	591.0	45.8	118.2	173.3	n.p.	144.2	189.7	28.6	74.5	109.6	39.6	10.5	54.2	59.0	n.p.	1,830.2											
March	592.8	45.3	118.9	170.5	n.p.	145.1	190.4	29.2	75.0	109.5	40.4	10.2	54.8	59.4	n.p.	1,832.0											
percentage change from preceding month																											
1990—																											
October	0.8	-0.2	-0.6	0.2	n.p.	-0.7	0.3	4.9	-0.8	-1.4	0.3	-4.7	-1.8	-1.2	n.p.	-0.1											
November	0.9	-0.6	0.3	-0.6	n.p.	-0.3	0.1	6.3	-0.1	-1.0	1.7	-4.1	-1.6	-0.2	n.p.	0.1											
December	0.8	-0.6	1.0	-1.4	n.p.	0.2	-0.2	5.6	0.7	-0.6	2.5	-3.4	-0.9	0.7	n.p.	0.2											
1991—																											
January	0.5	-1.1	1.0	-1.7	n.p.	0.4	-0.3	4.5	1.1	-0.4	2.9	-3.5	-0.2	1.0	n.p.	0.2											
February	0.4	-1.1	0.7	-1.6	n.p.	0.5	-0.2	2.9	1.2	-0.2	2.9	-3.7	0.7	0.9	n.p.	0.1											
March	0.3	-1.1	0.6	-1.6	n.p.	0.6	0.4	2.1	0.7	-0.1	2.0	-2.9	1.1	0.7	n.p.	0.1											

See footnotes at end of table.

TABLE 7. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a)—continued

Month	Grocers, confectioners, tobacc omists	Hotels, liquor stores, licensed clubs	Cafes and restau rants	Clothing and fabrics	Depart- ment and general stores	Footwear stores	Domestic hardware stores	Electri cal goods	Furni ture stores	Floor cover ings	Pharma ceutics	News- agents	Other stores	Total
	Butchers	Other food stores	Butchers	Other food stores	Antiques	Footwear stores	Jewellers	stores	stores	stores	stores	stores	stores	Total
QUEENSLAND														
ORIGINAL \$ million														
1990—														
January	325.7	32.7	94.1	162.0	57.7	92.5	111.8	20.0	32.3	78.0	22.8	7.8	40.5	48.3
February	318.7	31.2	78.4	140.1	42.0	72.3	95.0	13.2	29.0	77.1	21.6	9.3	36.5	46.2
March	353.9	35.4	86.4	148.8	52.9	86.3	117.5	16.9	33.1	76.9	26.3	10.5	44.7	42.1
April	332.0	32.6	82.7	140.3	51.5	88.4	110.8	16.5	28.8	70.6	20.4	9.3	42.2	41.4
May	347.3	34.8	82.6	142.0	52.5	103.6	125.5	18.0	30.1	80.6	25.9	11.5	48.5	45.6
June	343.4	37.2	86.6	141.2	50.0	104.4	138.0	19.9	25.8	83.1	27.8	11.1	45.4	44.7
July	342.1	37.1	86.7	139.8	54.2	94.0	107.3	16.1	23.7	76.3	27.8	11.3	49.0	46.2
August	359.5	36.4	88.6	148.0	56.6	99.6	122.7	15.7	25.5	82.5	25.3	13.5	55.2	47.3
September	337.6	33.6	86.7	149.8	49.4	99.1	124.4	19.0	27.2	73.7	25.2	12.4	51.8	44.3
October	359.1	34.9	88.3	154.2	51.1	106.6	127.6	16.0	29.4	80.0	27.4	13.6	55.1	47.8
November	366.1	34.3	86.5	160.9	52.3	112.0	146.7	15.8	34.4	86.5	28.0	14.1	49.0	45.2
December	399.3	36.8	95.5	191.2	59.8	138.5	237.5	21.2	53.9	120.1	27.1	11.7	58.1	52.9
1991—														
January	374.5	32.5	96.1	153.4	58.2	97.5	114.5	19.6	33.1	86.0	20.9	10.8	43.5	44.9
February	341.6	29.8	85.3	134.7	50.0	81.6	97.0	12.0	33.1	80.9	20.7	12.2	40.2	44.5
March	379.0	36.7	86.6	155.2	51.3	83.6	112.2	15.1	27.5	79.4	24.5	10.2	45.0	46.1
Standard error (b) of Level Change	7.2	4.4	9.2	16.6	8.3	7.8	0.0	1.6	2.8	4.6	2.5	1.2	6.2	7.8
	3.3	3.7	3.9	15.3	3.6	2.9	0.0	0.6	1.9	3.1	1.9	0.7	2.1	3.5
TREND ESTIMATES (c)														
1990—														
October	357.8	33.2	86.5	151.4	n.p.	98.9	132.3	17.0	29.7	82.0	25.1	12.8	51.0	46.5
November	360.3	33.1	86.6	152.6	n.p.	100.9	132.2	17.1	30.7	83.8	24.5	12.7	49.8	45.2
December	363.0	33.4	87.1	153.4	n.p.	102.7	131.9	17.1	31.6	85.6	24.0	12.4	48.6	44.4
1991—														
January	365.8	33.9	87.8	153.9	n.p.	103.7	131.4	17.1	32.5	87.0	23.6	12.2	47.7	44.1
February	368.5	34.6	88.4	154.5	n.p.	104.2	130.7	17.0	33.2	87.9	23.5	11.9	47.1	44.2
March	370.8	35.2	89.2	155.1	n.p.	104.5	130.6	16.9	33.7	88.6	23.5	11.6	46.9	44.5
percentage change from preceding month														
1990—														
October	0.6	-1.8	-0.5	1.1	n.p.	1.4	0.3	1.2	2.1	1.7	-2.7	1.6	-0.8	-2.5
November	0.7	-0.3	0.1	0.8	n.p.	2.0	-0.1	0.6	3.4	2.2	-2.4	-0.8	-2.4	n.p.
December	0.7	0.9	0.6	0.5	n.p.	1.8	-0.2	0.0	2.9	2.1	-2.0	-2.4	-2.4	n.p.
1991—														
January	0.8	1.5	0.8	0.3	n.p.	1.0	-0.4	0.0	2.8	1.6	-1.7	-1.6	-1.9	-0.7
February	0.7	2.1	0.7	0.4	n.p.	0.5	-0.5	-0.6	2.2	1.0	-0.4	-2.5	-1.3	0.2
March	0.6	1.7	0.9	0.4	n.p.	0.3	-0.1	-0.6	1.5	0.8	0.0	-2.5	-0.4	0.7

See footnotes at end of table.

TABLE 7. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a)—continued

Month	Grocers, confec- tioners, tobacc- onists	Hoteis, liquor stores, licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Domestic hardware stores,	Electri- cal goods stores	Furni- ture stores	Floor- cover- ings stores	Pharma- cies	News- agents	Other stores	Total
	Butchers	Other food stores	aurants	Footwear stores	Jewellers stores								
SOUTH AUSTRALIA ORIGINAL \$ million													
1990—													
January	163.2	13.7	41.1	64.3	23.9	37.2	72.7	7.5	14.8	34.0	15.5	5.0	18.8
February	151.1	12.8	36.4	58.5	22.9	29.1	64.9	5.5	13.9	29.8	13.8	5.2	12.5
March	175.4	14.4	42.8	65.7	24.7	36.1	75.7	7.6	13.6	35.0	15.0	5.9	19.7
April	163.3	13.4	40.4	66.1	22.1	38.8	80.2	8.7	13.0	33.6	14.4	4.9	18.5
May	172.9	14.2	40.8	60.9	23.5	41.5	88.7	8.9	14.4	39.0	16.5	6.0	20.4
June	168.0	16.4	41.2	58.9	22.2	39.7	82.0	8.6	12.9	39.4	14.9	5.2	20.2
July	160.9	14.3	41.2	56.5	22.3	40.8	82.4	7.8	12.3	37.9	15.7	5.9	18.7
August	177.6	15.9	43.1	59.1	22.3	36.1	82.8	7.1	14.5	38.1	15.3	6.4	21.6
September	161.5	14.1	42.2	62.5	25.9	35.3	76.7	8.0	13.8	32.5	14.6	5.0	20.1
October	175.1	15.6	46.2	65.5	28.1	38.0	84.6	8.6	14.8	34.4	15.1	6.0	23.1
November	186.9	15.9	48.9	68.3	35.0	37.6	106.4	8.5	16.6	37.1	15.2	7.2	23.6
December	206.9	20.3	50.9	84.7	30.2	46.1	157.9	10.5	25.5	48.4	14.3	4.0	30.7
1991—													
January	189.1	15.0	46.3	69.4	27.0	37.2	75.9	8.7	12.9	36.2	14.2	4.4	25.2
February	172.9	13.4	41.5	60.9	22.3	29.4	68.2	6.5	12.2	31.8	12.7	4.5	24.3
March	200.1	14.6	48.0	65.9	25.6	38.2	74.2	8.2	12.0	33.4	15.1	5.2	28.4
Standard error (b) of													
Level	6.7	2.2	5.2	3.9	3.1	3.7	0.0	0.6	1.2	2.7	1.5	0.7	6.9
Change	2.1	1.0	3.1	3.0	2.6	2.0	0.0	0.2	0.5	0.7	1.2	0.3	2.0
TREND ESTIMATES (c) \$ million													
1990—													
October	174.9	15.6	44.4	65.4	n.p.	36.8	89.2	8.5	14.6	36.8	14.6	5.6	22.0
November	179.0	15.5	45.1	65.6	n.p.	36.5	89.7	8.7	14.3	36.8	14.4	5.4	23.2
December	183.8	15.4	45.8	65.4	n.p.	36.8	90.1	8.8	14.1	36.8	14.4	5.1	24.6
1991—													
January	188.5	15.3	46.3	65.0	n.p.	37.5	90.3	8.8	14.0	36.6	14.5	4.9	25.9
February	192.7	15.2	46.8	64.6	n.p.	38.4	90.3	8.8	13.9	36.3	14.8	4.8	27.2
March	196.7	15.1	47.3	64.1	n.p.	39.2	90.4	8.7	13.9	35.9	15.1	4.7	28.4
percentage change from preceding month													
1990—													
October	1.7	0.0	1.6	0.5	n.p.	-2.4	0.9	2.4	-2.7	0.0	-1.4	-1.8	4.3
November	2.3	-0.6	1.6	0.3	n.p.	-0.8	0.6	2.4	-2.1	0.0	-1.4	-3.6	5.5
December	2.7	-0.6	1.6	-0.3	n.p.	0.8	0.4	1.1	-1.4	0.0	0.0	-5.6	6.0
1991—													
January	2.6	-0.6	1.1	-0.6	n.p.	1.9	0.2	0.0	-0.7	-0.5	0.7	-3.9	5.3
February	2.2	-0.7	1.1	-0.6	n.p.	2.4	0.0	0.0	-0.7	-0.8	2.1	-2.0	5.0
March	2.1	-0.7	1.1	-0.8	n.p.	2.1	0.1	-1.1	0.0	-1.1	2.0	-2.1	4.4

See footnotes at end of table.

TABLE 7. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a)—continued

Month	Grocers, confec- tions, tobacc- oists	Hotels, liquor stores, licensed	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Domestic hardware stores	Electri- cal goods stores	Furni- ture stores	Floor cover- ings stores	Pharma- cies	News- events	Other stores	Total
	Butchers	Other food stores	Butchers	café clubs	general stores	Footwear stores	jewellers	stores	stores	stores	stores	stores	Total
<b>1990—</b>													
January	197.8	6.9	43.6	77.9	33.3	34.1	64.6	8.1	13.8	39.7	10.2	7.8	25.4
February	186.7	7.0	38.1	75.7	27.3	27.9	54.0	5.7	13.8	36.5	9.7	8.0	24.6
March	217.2	7.0	45.2	82.4	31.8	33.2	67.7	6.4	14.2	44.6	10.5	7.9	28.5
April	202.8	6.2	45.4	75.8	31.9	37.1	71.6	7.4	12.8	39.5	8.7	7.3	26.3
May	211.7	7.0	46.7	74.7	31.3	39.5	76.7	8.0	14.5	45.1	10.0	7.9	30.1
June	206.8	5.9	49.1	73.3	34.5	37.7	81.4	7.2	15.1	44.9	10.1	6.8	28.6
July	203.5	5.7	49.0	72.1	33.1	35.4	65.0	7.4	16.5	40.9	11.0	6.9	28.6
August	218.1	5.7	49.9	74.8	32.8	35.6	70.8	5.5	15.3	43.1	10.1	6.1	30.4
September	202.3	5.4	53.2	75.1	36.5	31.7	67.4	6.7	15.9	37.7	10.2	6.4	28.1
October	210.2	5.8	57.6	76.6	36.2	32.5	74.3	7.1	17.3	40.3	11.6	6.9	31.2
November	220.5	5.7	56.3	77.3	37.6	33.5	84.6	7.1	18.2	43.1	11.6	7.1	30.9
December	251.3	6.2	64.6	96.9	44.5	48.3	141.3	9.0	32.0	54.5	11.6	5.1	40.5
<b>1991—</b>													
January	221.6	5.8	56.1	77.2	37.8	30.0	66.5	7.2	15.1	38.2	11.1	4.4	25.2
February	205.7	4.7	52.8	68.9	34.1	26.0	57.5	5.3	14.3	35.4	10.7	5.1	24.6
March	235.8	5.1	53.7	73.0	37.0	29.4	68.8	8.8	13.9	31.6	9.9	5.4	26.1
<i>Standard error (b) of Level Change</i>													
<b>TREND ESTIMATES (c)</b>													
<b>1990—</b>													
October	215.6	5.8	55.2	77.0	n.p.	33.5	76.5	6.6	17.0	41.7	10.5	6.1	29.4
November	216.4	5.9	55.7	75.7	n.p.	33.1	76.1	6.8	16.6	41.6	10.6	6.0	29.2
December	218.2	5.8	55.7	74.3	n.p.	33.2	76.4	7.2	16.5	41.2	10.8	5.8	28.9
<b>1991—</b>													
January	220.5	5.7	55.3	72.8	n.p.	33.4	77.1	7.6	16.4	40.5	10.9	5.6	28.5
February	222.8	5.6	54.8	71.3	n.p.	33.7	77.8	8.1	16.4	39.6	11.1	5.4	28.1
March	225.4	5.4	54.1	70.0	n.p.	34.1	79.1	8.6	16.4	38.6	11.1	5.3	27.8
percentage change from preceding month													
<b>1990—</b>													
October	0.0	1.8	1.7	-1.7	n.p.	-2.0	-1.2	0.0	-2.3	0.5	0.0	-1.6	-0.7
November	0.4	1.7	0.9	-1.7	n.p.	-1.2	-0.5	3.0	-2.4	-0.2	1.0	-1.6	-1.5
December	0.8	-1.7	0.0	-1.8	n.p.	0.3	0.4	5.9	-0.6	-1.0	1.9	-3.3	-1.0
<b>1991—</b>													
January	1.1	-1.7	-0.7	-2.0	n.p.	0.6	0.9	5.6	-0.6	-1.7	0.9	-3.4	-1.4
February	1.0	-1.8	-0.9	-2.1	n.p.	0.9	0.9	6.6	0.0	-2.2	1.8	-3.6	-1.4
March	1.2	-3.6	-1.3	-1.8	n.p.	1.2	1.7	6.2	0.0	-2.5	0.0	-1.9	-1.1

See footnotes at end of table.

TABLE 7. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a)—continued

Month	Grocers, confec- tions, tobacc- orists	Hotels, liquor stores, licensed	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Domestic hardware stores, jewellers	Electri- cal goods stores	Furni- ture stores	Floor cover- ings stores	Pharma- cies	News- agents	Other stores	Total
	Butchers	Other food stores	clubs	aurants	stores	stores	stores	stores	stores	stores	stores	stores	stores
TASMANIA													
1990—													
January	53.8	4.3	9.2	27.5	5.7	12.1	16.1	2.6	8.6	3.1	1.6	6.4	7.2
February	52.3	4.2	9.3	24.5	5.6	11.7	14.9	2.6	8.5	3.5	1.4	5.5	8.6
March	61.4	4.5	8.9	27.7	6.6	14.3	16.5	2.7	9.5	3.4	1.8	6.7	9.1
April	56.4	3.9	8.7	25.2	5.6	14.0	17.4	3.0	2.6	9.1	3.1	1.5	6.1
May	58.6	4.5	9.4	25.1	5.5	15.7	19.6	3.2	2.7	11.8	3.8	1.8	6.7
June	57.8	4.1	10.2	25.4	5.2	15.2	18.9	3.2	2.5	10.2	3.3	1.8	6.6
July	56.1	4.0	9.9	24.8	5.2	13.6	15.9	2.8	2.4	10.3	3.4	1.9	7.2
August	61.8	4.6	10.2	24.0	5.0	13.6	17.7	2.6	3.0	10.8	3.9	2.2	7.4
September	57.0	4.4	11.1	25.1	5.6	12.1	16.9	2.7	3.2	10.4	2.9	2.0	7.4
October	58.9	5.0	11.9	26.3	6.4	13.5	17.9	2.6	3.2	10.0	3.3	2.2	7.4
November	63.0	4.5	11.7	27.9	6.1	14.0	21.6	2.8	3.7	11.1	3.7	1.9	8.3
December	69.9	5.7	13.0	33.5	7.3	17.0	36.5	4.1	6.6	14.4	3.8	1.8	7.7
1991—													
January	63.2	4.3	12.6	31.4	6.1	12.4	17.0	2.8	3.1	9.9	3.1	1.3	7.1
February	56.8	4.0	11.7	27.6	5.3	14.4	15.5	3.1	2.7	9.3	2.9	1.4	6.1
March	63.9	4.0	13.5	32.5	8.7	13.6	17.8	3.2	3.4	9.7	3.2	1.3	7.0
Standard error (b) of													
Level	1.9	0.9	2.1	3.3	1.8	1.4	0.0	0.3	0.2	0.5	0.1	0.1	0.7
Change	0.9	0.1	1.2	1.5	1.7	2.5	0.0	0.1	0.2	0.4	0.1	0.2	1.0
TREND ESTIMATES(c)													
1990—													
October	60.1	4.6	11.4	26.6	n.p.	13.6	19.3	2.9	3.3	10.8	3.3	1.9	7.5
November	60.5	4.6	11.6	27.0	n.p.	13.4	19.5	3.0	3.4	11.0	3.3	1.8	7.4
December	61.1	4.6	11.8	27.6	n.p.	13.6	19.7	3.1	3.4	11.1	3.3	1.7	7.2
1991—													
January	61.7	4.5	12.0	28.4	n.p.	13.9	19.9	3.2	3.4	11.2	3.3	1.6	7.1
February	62.3	4.3	12.3	29.3	n.p.	14.3	20.1	3.3	3.5	11.2	3.4	1.5	7.1
March	62.9	4.2	12.5	30.1	n.p.	14.8	20.4	3.3	3.6	11.2	3.4	1.4	7.0
percentage change from preceding month													
1990—													
October	0.5	2.2	1.8	0.4	n.p.	-2.9	0.5	0.0	0.0	1.9	-2.9	-5.0	0.0
November	0.7	0.0	1.8	1.5	n.p.	-1.5	1.0	3.4	3.0	1.9	0.0	-5.3	8.9
December	1.0	0.0	1.7	2.2	n.p.	1.5	1.0	3.3	0.0	0.9	0.0	-5.6	8.6
1991—													
January	1.0	-2.2	1.7	2.9	n.p.	2.2	1.0	3.2	0.0	0.9	0.0	-5.9	-1.3
February	1.0	-4.4	2.5	3.2	n.p.	2.9	1.0	3.1	2.9	0.0	3.0	-6.3	0.0
March	1.0	-2.3	1.6	2.7	n.p.	3.5	1.5	0.0	2.9	0.0	0.0	-6.7	-1.4

See footnotes at end of table.

TABLE 7. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a)—continued

Month	Grocers, confectioners, tobacc. orists	Hotels, liquor stores, licensed clubs	Cafes and restau- rants	Clothing and fabrics stores	Depart- ment general stores	Domestic hardware stores, jewellers	Electri- cal goods stores	Furni- ture stores	Floor cover- ings stores	Pharma- cies	News- agents	Other stores	Total
	Butchers	Other food stores	aurants	stores	Footwear stores	stores	stores	stores	stores	stores	stores	stores	
AUSTRALIAN CAPITAL TERRITORY ORIGINAL \$ million													
1990—													
January	30.5	1.9	7.2	12.1	6.9	8.0	15.4	1.8	3.4	6.8	4.0	1.3	4.1
February	31.1	2.0	6.1	10.9	6.6	6.7	12.6	1.5	3.2	6.7	3.8	1.3	5.4
March	32.7	2.1	7.0	13.6	7.7	8.4	16.2	1.8	3.0	7.5	4.0	1.5	5.3
April	31.4	2.0	6.6	12.8	7.3	10.0	17.1	2.0	3.4	7.1	5.2	1.4	4.4
May	33.4	2.0	6.8	13.9	7.7	11.0	18.8	2.0	3.7	9.5	4.7	1.7	3.9
June	34.3	1.8	6.4	14.1	7.9	11.0	18.8	2.0	3.5	8.0	5.6	1.9	3.7
July	33.7	1.8	6.5	13.9	8.4	11.0	17.6	2.0	3.1	7.5	4.7	1.8	3.9
August	36.3	1.9	6.1	14.4	7.9	9.9	16.9	1.9	3.1	7.9	5.2	1.8	4.1
September	33.7	1.8	6.6	15.0	10.1	9.0	16.7	1.9	3.3	7.1	4.6	1.9	4.0
October	35.1	1.9	6.9	15.1	9.1	9.0	17.9	2.0	3.3	7.9	5.2	1.7	4.4
November	36.5	1.8	6.7	15.8	9.5	9.0	20.9	2.0	3.8	7.5	5.3	1.7	4.5
December	40.3	1.8	8.0	18.5	9.2	12.4	36.4	2.6	6.4	9.1	5.3	1.7	4.5
1991—													
January	36.0	1.6	7.6	13.1	7.8	8.3	16.1	2.1	3.4	6.7	4.3	1.7	3.8
February	34.8	1.6	7.9	12.2	8.9	6.9	14.1	1.6	3.2	6.5	4.3	1.5	3.9
March	39.5	2.1	9.5	14.7	8.0	8.3	17.4	2.0	3.3	7.1	5.0	1.7	5.3
Standard error (b) of Level	1.1	0.5	1.3	1.2	1.5	0.3	0.0	0.1	0.1	0.6	0.3	0.1	0.5
Change	0.9	0.5	1.4	0.5	0.3	0.3	0.0	0.1	0.0	0.1	0.6	0.1	0.6
TREND ESTIMATES(c) \$ million													
1990—													
October	35.3	1.7	6.4	14.9	n.p.	9.7	19.3	2.2	3.4	7.5	4.8	1.8	4.0
November	35.7	1.8	6.9	14.9	n.p.	9.6	19.2	2.1	3.4	7.6	4.8	1.8	4.1
December	36.3	1.8	7.4	14.8	n.p.	9.6	19.2	2.1	3.4	7.6	4.8	1.8	4.2
1991—													
January	37.1	1.8	8.0	14.6	n.p.	9.5	19.3	2.0	3.5	7.7	4.8	1.8	4.4
February	37.8	1.9	8.6	14.5	n.p.	9.4	19.4	2.0	3.7	7.8	4.9	1.8	4.6
March	38.7	1.9	9.1	14.3	n.p.	9.2	19.6	2.0	3.8	7.9	5.0	1.8	4.9
percentage change from preceding month													
1990—													
October	0.6	0.0	3.2	0.7	n.p.	0.0	-1.0	0.0	-5.6	0.0	-2.0	0.0	2.6
November	1.1	5.9	7.8	0.0	n.p.	-1.0	-0.5	-4.5	0.0	1.3	0.0	2.5	n.p.
December	1.7	0.0	7.2	-0.7	n.p.	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0
1991—													
January	2.2	0.0	8.1	-1.4	n.p.	-1.0	0.5	-4.8	2.9	1.3	0.0	4.8	0.0
February	1.9	5.6	7.5	-0.7	n.p.	-1.1	0.5	0.0	5.7	1.3	2.1	0.0	4.5
March	2.4	0.0	5.8	-1.4	n.p.	-2.1	1.0	0.0	2.7	1.3	2.0	0.0	6.5

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) The standard error of the estimates for the latest month and of the latest month from the preceding month — see paragraphs 9 to 13 of Explanatory Notes. (c) Subject to revision — see paragraph 21 of Explanatory Notes.

TABLE 8. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,  
MONTHLY ESTIMATES AT CURRENT PRICES, NORTHERN TERRITORY (a)

Month	Food stores, liquor stores, and licensed clubs (b)		All other stores		Total	
	\$ million	% change from preceding month	\$ million	% change from preceding month	\$ million	% change from preceding month
<i>1990 —</i>						
January	41.8	-11.4	19.6	-41.0	61.4	-23.7
February	41.3	-1.2	18.3	-6.6	59.6	-2.9
March	46.0	11.4	22.2	21.3	68.2	14.4
April	45.8	-0.4	21.5	-3.2	67.3	-1.3
May	50.0	9.2	24.8	15.3	74.8	11.1
June	51.7	3.4	25.9	4.4	77.4	3.5
July	55.3	7.0	26.6	2.7	82.1	6.1
August	56.1	1.4	27.4	3.0	83.5	1.7
September	52.7	-6.1	26.7	-2.6	79.3	-5.0
October	52.9	0.4	27.7	3.7	80.6	1.6
November	50.3	-4.9	27.5	-0.7	77.9	-3.3
December	51.0	1.4	36.3	32.0	87.5	12.3
<i>1991 —</i>						
January	45.5	-10.8	21.3	-41.3	67.0	-23.4
February	44.2	-2.9	21.1	-0.9	65.3	-2.5
March	51.1	15.6	23.4	10.9	74.4	13.9
<i>Standard error (c) of</i>						
Level	1.2		0.9		1.5	
Change	0.9		0.5		1.1	

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Includes Grocers, confectioners and tobacconists, Butchers, Other food stores, Hotels, liquor stores, licensed clubs, Cafes and restaurants. (c) The standard error of the estimates for the latest month and of the latest month from the preceding month — see paragraphs 9 to 13 of Explanatory Notes. NOTE: Series is not long enough to provide sufficient information to allow reliable seasonal adjustment estimates.

## EXPLANATORY NOTES

### **Introduction**

This publication presents monthly retail trade series based on estimates of the value of turnover of retail establishments classified by industry, and by State. These series replace the statistics based on the value of retail sales published up to June 1988.

2. From June 1988 the series in this publication are based on turnover data obtained from a sample of retail establishments. For the period until June 1988 the series have been adjusted to a turnover basis using movements in the previous retail sales series. Linked historical data are available on AUSSTATS, or can be provided by the ABS. More information on the survey methodology and the procedures used to link statistics for the new series with those for months prior to June 1988 are contained in the Information Paper: *Introduction of Improved Monthly Retail Trade Statistics (8511.0)*.

### **Scope and coverage**

3. The estimates of turnover are derived from a survey covering all States and the two Territories. It includes in its scope all retail trade establishments classified to ASIC subdivision 48, *except* motor vehicle dealers, service stations, etc (ASIC classes 4861-4868); milk and bread vendors (4878-4879); shoe repairers (4846); and electrical appliance repairers n.e.c. (4857). *Also included* are cafes and restaurants (9231); hotels, etc. (mainly drinking places) (9232); licensed clubs (9241-9243); and hairdressers (9351-9352).

4. Retail establishments which do not have employees are excluded from the coverage of the survey.

### **Definition of turnover**

5. Turnover includes retail sales; wholesale sales; takings from repairs, meals and hiring of goods (except for rent, leasing and hiring of land and buildings); and commissions from agency activity (e.g. commissions received from collecting dry cleaning, selling lottery tickets, etc).

### **Industry detail**

6. The names of the industries for which statistics are published in this bulletin align with the titles given in ASIC, except for the following groupings:

Other food stores: ASIC classes 4883, 4885, 4886

Hotels, liquor stores, licensed clubs: ASIC classes 9232, 4884, 9241, 9242, 9243

Clothing and fabrics stores: ASIC classes 4843, 4844, 4847

Electrical goods stores: ASIC classes 4855, 4856

Other stores: ASIC classes 4892, 4893, 4895, 4896, 4897, 9351, 9352

### **Constant price statistics**

7. To enable analysis of the movement of retail activity in 'real' terms, estimates of retail turnover at constant (average 1984-85) prices are compiled each quarter. Constant price retail turnover series are derived by deflating the original current price series of retail turnover by specially compiled indexes of price change.

### **Reliability of estimates**

8. Retail trade statistics may be subject to error from various sources, which are usually classified as either sample or non-sample error.

### **Sample error**

9. Since retail turnover is estimated from a survey which includes a sampled component, the estimates are subject to sampling error. That is, they may differ from figures that would have resulted if all enterprises with retail establishments were included in the survey. One measure of the likely difference is given by the standard error. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all inscope units had been included, and about nineteen chances in twenty that the difference will be less than two standard errors.

10. Standard errors of estimates for the latest month and of estimates of change since the preceding month are shown in the tables. An example of the use of these standard errors is given below:

The *estimated change* of \$637.4 million (9.6 per cent) in the total value of turnover between March 1991 and February 1991 has a standard error of about \$45.6 million (0.7 per cent). Therefore, there are two chances in three that the change which would have been obtained if all units had been included in the survey would be within the range \$591.8 million to \$683.0 million (8.9 per cent to 10.3 per cent) and nineteen chances in twenty that the change would be within \$546.2 million to \$728.6 million (8.2 per cent to 11.0 per cent).

11. The standard errors for some industries in some States are relatively high and users are advised to exercise caution in interpreting movements for such series. Some users may wish to combine such industries to obtain an estimate of the combined group which is more accurate than the components. The standard error of level of any such combination of industries may be calculated by squaring the standard error for each of the component industries, adding the squared standard errors together, and taking the square root of that sum. For example, suppose the standard error of level for Industry A is \$1.5 million and the standard error for Industry B is \$2.0 million. Then the standard error for the combination of Industries A and B is  $\sqrt{(1.5)^2 + (2.0)^2} = \$2.5$  million.

12. Standard errors of estimates of change between non-consecutive months are not shown in publication tables.

These standard errors are generally much higher than the standard errors of change between consecutive months. For example, the standard error of change between the latest month and the corresponding month of the previous year is, on average, approximately 1.4 times the standard error of level of the latest month.

13. Seasonally adjusted, trend and constant price estimates are also subject to sampling variability. For seasonally adjusted estimates, the standard errors are approximately the same percentage of the estimate as for the unadjusted series. For trend estimates, the standard errors are generally not larger than for the seasonally adjusted estimates and are likely to be smaller. For constant price estimates, the standard errors may be up to 10 per cent 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.

#### **Non-sample error**

14. This category includes a number of possible errors that arise in any type of collection, whether or not sampling of units is undertaken. The most significant of these errors are: misreporting of data items; deficiencies in coverage; non-response; and processing errors. In some cases the presence of these errors would, at least in part, be reflected in the size of the standard error.

15. *Reporting error.* Such error may arise because of poor form design, inability by survey respondents to provide requested data, or simply because of clerical error. Every effort is made to minimise reporting error by the careful design and testing of forms, and by examining inconsistencies both between different respondents and between the reports in successive months for each respondent.

16. Turnover is a relatively simple data item to collect accurately because it corresponds closely to total takings by respondents. While some reporting errors will be random and thus cancel out, others may be consistently in one direction and lead to bias in the results.

17. *Under coverage.* Because of limited sources available to identify enterprises with no employees, only enterprises with employees are included in the new survey. Non-employing units are estimated to account for approximately 6% of total turnover but their significance varies substantially from industry to industry. While the exclusion of such units will therefore lead to consistent underestimation of the level of turnover, their exclusion is considered to have a negligible effect on short term movements in Retail Trade.

18. Some error may also arise because of lags in the identification of new businesses. Studies undertaken by the ABS suggest that these lags also have a negligible impact on short term movements but lead to a small consistent underestimation of the level of turnover each month. An improved method of updating new businesses is currently being implemented. Refer to paragraph 26 for more details.

19. *Non-response.* The survey of Retail Trade is a monthly survey conducted to tight timetables so that not all forms are received in time for publication. Extensive telephone follow up is undertaken each month to obtain details for respondents who have not returned forms by the due date. Despite this, it is necessary to impute responses for approximately 5% of selected units (which are, in the main, small retailers). The consequences of this imputation for data quality are also reflected, in part, in the size of the standard error.

20. *Processing errors.* Such errors may arise at any stage of processing. Editing procedures should detect significant errors at data entry stage, while all processing systems are thoroughly tested. Published tables are produced directly from 'camera-ready' computer output to avoid the possibility of clerical transcription errors at the tabulation stage.

#### **Seasonally adjusted and trend estimates**

21. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences can be more clearly recognised.

22. In the seasonal adjustment of the turnover estimates, account has been taken of both normal seasonal factors and 'trading-day' effects (arising from the varying length of each month and the varying numbers of Sundays, Mondays, Tuesdays, etc. in the month). For total turnover for Australia, adjustment has also been made for the effects of change in the date of Easter and Australia Day holidays. Seasonal adjustment does not remove from the series the effect of irregular influences (e.g. abnormal weather, industrial disputes) and the seasonally adjusted estimates still reflect the sampling and non-sampling errors to which the original estimates are subject.

23. The smoothing of seasonally adjusted series to create trend estimates is a means of reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time.

24. While this smoothing technique enables estimates of trend to be produced for the latest month, it does result in revisions to the estimates for the most recent months as data for subsequent months become available. Generally subsequent revisions become smaller and after 3 months have a negligible impact on the series. To illustrate the effect of the seasonally adjusted results on the trend series movement, if the April seasonally adjusted result shows a +1.0 % movement, then the trend movement would be 0.6% for April, March and February. A -1.0% movement would return a trend movement of 0.3% for April and March, and 0.4% for February.

#### **Coverage adjustment**

25. This survey uses as its sampling frame the ABS's register of businesses which is regularly updated to take account of new businesses and businesses ceasing opera-

tion. A major source of information on new businesses is group employer (GE) registrations with the Australian Tax Office. The ABS has developed an improved computerised system which will reduce the delay in new businesses from this source being recorded on the register, while at the same time an analysis has been undertaken to identify businesses which have been omitted from the register in the past. During the time these improvements to the register were being implemented, it was necessary to temporarily suspend updating the register from GE registrations. New GE businesses were represented in the survey results for the period June 1990 to February 1991 by a small allowance (a 'new business provision') which was based on an analysis of the contribution of such units in previous periods and taking current changes to economic conditions into consideration.

26. Following the completion of the improvements to the Business Register and the analysis of previously omitted businesses the series have been revised back to April 1982. Details for periods not covered by this bulletin are available from the ABS on request. At the Australia level these revisions have increased the estimates of turnover by approximately 4 per cent but have had no appreciable effect on the estimates of changes from previous months or years.

27. For a complete description of the improvements to the ABS' business register and the impacts of these changes on statistical series, users should refer to *Information Paper: Australian Bureau of Statistics Business Register - Recent Developments, 1991* (Catalogue no. 8130.0). This paper was released on 28 May 1991.

#### **Related publications**

28. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

#### **Symbols and other usages**

n.p.	not available for publication, but included in totals
ASIC	Australian Standard Industrial Classification
r	revised

**IAN CASTLES**  
**Australian Statistician**

~~14 JUL 1991~~



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