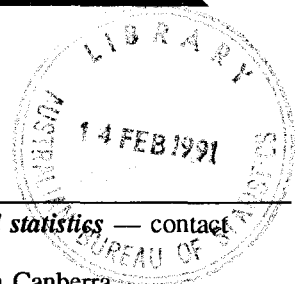


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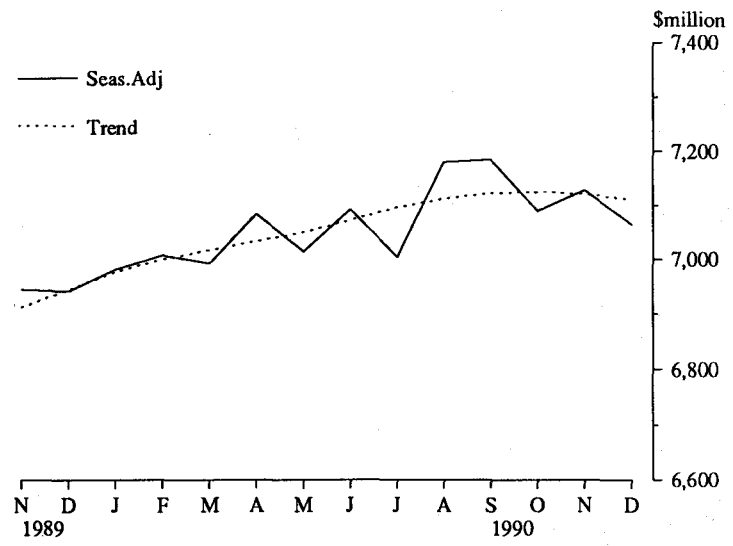
### RETAIL TRADE AUSTRALIA, DECEMBER 1990

- PHONE INQUIRIES**
- *about these statistics and the availability of related unpublished statistics* — contact Bill Powell on Canberra (06) 252 6132 or any ABS State office.
  - *about the constant price estimates* — contact Mr Allan Tryde on Canberra (06) 252 6801
  - *about other statistics and ABS services* — contact Information Services on Canberra (06) 252 6627, 252 5402, 252 6007 or any ABS State office.
- MAIL INQUIRIES**
- write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any ABS State office.
- ELECTRONIC SERVICES**
- on DISCOVERY — key \*656#.
  - on TELESTATS — phone (06) 252 5404 Foreign Trade statistics inquiries, (06) 252 5405 Main Economic Indicator inquiries.
  - on AUSSTATS — phone (06) 252 6017.

Trend estimates for the most recent months may be revised as data for subsequent months become available. For example, if the January seasonally adjusted estimate shows a 1.0 per cent rise, then the movement in the trend estimate for January would be 0.0 per cent. December would be revised upwards by 0.1 percentage points while November would remain unchanged. A 1.0 per cent fall in the seasonally adjusted estimate would produce a movement in the trend estimate for January of -0.3 per cent, and December and November would be revised downwards by 0.1 and 0.2 percentage points respectively. See paragraphs 23 and 24 of the Explanatory Notes.

### SUMMARY OF FINDINGS

CHART1: TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS, MONTHLY ESTIMATES, AUSTRALIA



#### Australian estimates

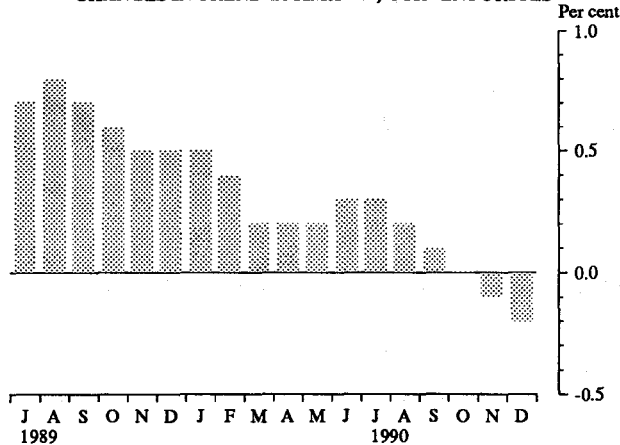
Turnover for retail (excluding motor vehicle dealers, service stations, etc.) and selected service establishments covered by the survey is in decline with trend estimates showing an average decrease of 0.1 per cent per month for the three months ended December.

Average monthly growth in the trend estimates over the past 12 months has now dropped to 0.2 per cent. The annual growth rate (December 1990 on December 1989) is 2.4 per cent.

In seasonally adjusted terms turnover for December fell 0.9 per cent over November 1990. In original terms, retail and selected service establishment turnover rose 25.7 per cent to \$9395.1m.

Note: At the time this publication went to print, constant price data for the December quarter were not yet available but will be included in a special supplement to be released in about a fortnights time.

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



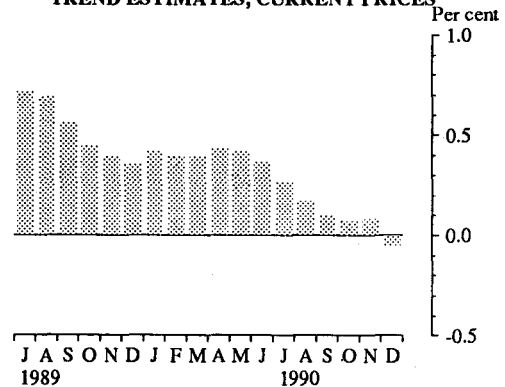
### Industry trends

The trend estimates show that the grocery industry is still experiencing moderate growth. Clothing and fabric stores are showing no growth while Department and general stores and Hotels, liquor stores and licensed clubs are in decline. Of the remaining industries Footwear stores are now showing strong growth following a period of decline earlier in 1990, while the remainder are showing weak to moderate growth or are in decline.

PERCENTAGE CHANGE IN TREND ESTIMATES OF TURNOVER

Industry	Average monthly increase for 3 months to December 1990	Average monthly increase for 12 months to December 1990
Grocers	0.6	0.7
Hotels, liquor stores, licensed clubs	-0.5	0.2
Department and general stores	-0.1	0.2
Clothing and fabrics stores	-0.0	0.3
Total all industries	0.0	0.1

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 less than 0.1 per cent per month over the last 3 months. Over the past year (December 1990 over December 1989) the *retail* industries have shown growth in turnover of 3.1 per cent, which is 0.9 percentage points higher than the all industries growth rate over the same period.

### State trends

Trend estimates for South Australia showed an average growth rate of just over 1.0 per cent for the three months ended December.

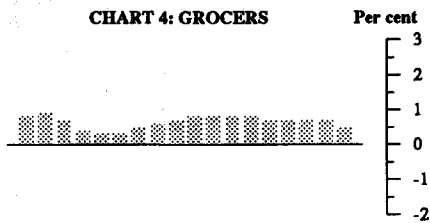
Queensland is currently showing weak growth while the remaining States are in decline.

NOTE: Explanatory Notes are at the back of this publication.

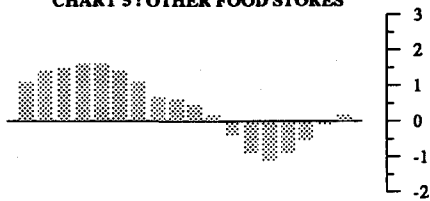
**TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS, AUSTRALIA**

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

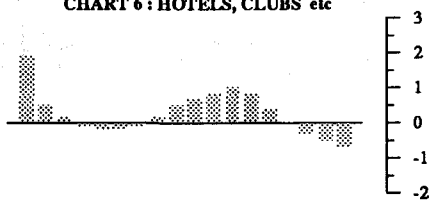
**CHART 4: GROCERS**



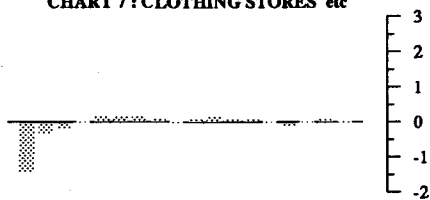
**CHART 5: OTHER FOOD STORES**



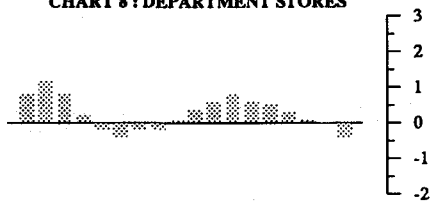
**CHART 6: HOTELS, CLUBS etc**



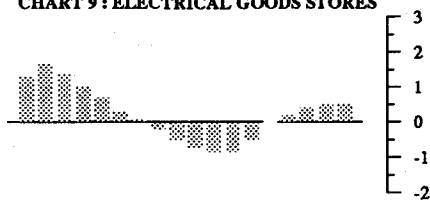
**CHART 7: CLOTHING STORES etc**



**CHART 8: DEPARTMENT STORES**



**CHART 9: ELECTRICAL GOODS STORES**

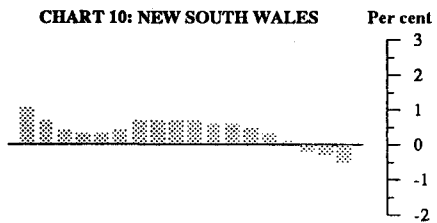


J A S O N D J F M A M J J A S O N D  
1989 1990

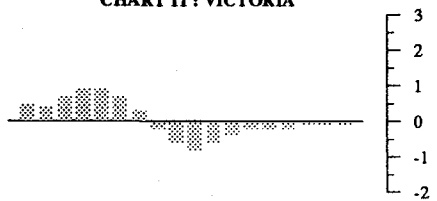
**TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS**

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

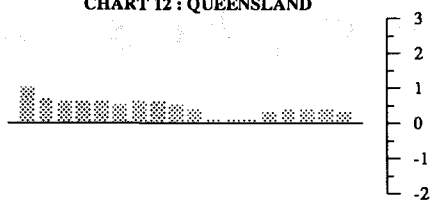
**CHART 10: NEW SOUTH WALES**



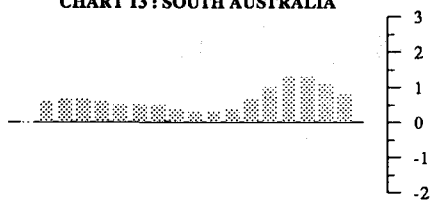
**CHART 11: VICTORIA**



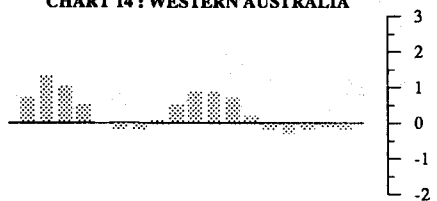
**CHART 12: QUEENSLAND**



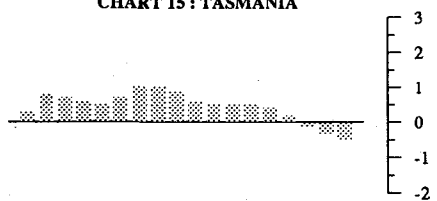
**CHART 13: SOUTH AUSTRALIA**



**CHART 14: WESTERN AUSTRALIA**



**CHART 15: TASMANIA**



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1989 1990

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 preceding month	% change from corresponding month of previous year
1989 —								
October	6,722.0	-0.1	8.7	6,816.4	-0.9	6,879.9	0.6	10.0
November	7,198.5	7.1	10.7	6,944.2	1.9	6,913.0	0.5	9.4
December	9,364.9	30.1	6.6	6,940.7	-0.1	6,944.2	0.5	8.7
1990 —								
January	6,681.7	-28.7	8.9	6,981.4	0.6	6,976.4	0.5	8.2
February	6,153.7	-7.9	8.3	7,007.1	0.4	7,001.3	0.4	7.7
March	6,914.1	12.4	7.0	6,993.1	-0.2	7,018.1	0.2	7.2
April	6,617.6	-4.3	6.5	7,083.5	1.3	7,033.5	0.2	6.7
May	7,014.9	6.0	7.9	7,014.1	-1.0	7,050.6	0.2	6.2
June	6,873.2	-2.0	5.0	7,092.3	1.1	7,073.4	0.3	5.7
July	6,687.2	-2.7	3.8	7,003.8	-1.2	7,095.6	0.3	5.2
August	6,986.3	4.5	6.5	7,180.4	2.5	7,113.1	0.2	4.7
September	6,792.3	-2.8	0.9	7,184.8	0.1	7,122.6	0.1	4.1
October	7,147.6	5.2	6.3	7,089.9	-1.3	7,124.5	0.0	3.6
November	7,473.0	4.6	3.8	7,127.6	0.5	7,120.7	-0.1	3.0
December	9,395.1	25.7	0.3	7,064.8	-0.9	7,109.9	-0.2	2.4
Standard error (c) of								
Latest month	85.2							
Change from previous month	44.1	0.6						

(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						
1989 —						
December	23,285.4	18.0	8.4	20,701.3	1.3	9.5
1990 —						
March	19,749.5	-15.2	8.1	20,981.6	1.4	7.0
June	20,505.7	3.8	6.4	21,189.9	1.0	6.7
September	20,465.8	-0.2	3.7	21,369.0	0.8	4.6
AT CONSTANT (AVERAGE 1984-85) PRICES						
1989 —						
December	16,694.6	16.9	2.7	14,853.9	0.3	3.7
1990 —						
March	14,014.2	-16.1	2.4	14,841.4	-0.1	1.4
June	14,299.0	2.0	1.1	14,796.0	-0.3	1.4
September	14,212.5	-0.6	-0.5	14,857.7	0.4	0.4

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





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

Quarter	Grocers, confectioners, tobacconists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and restaurants	Clothing and fabrics stores	Department and general stores	Domestic hardware stores, jewellers	Electrical goods stores	Furniture stores	Floor coverings stores	Pharmacies	Newsagents	Other stores	Total
	ORIGINAL \$ million														
1989 —															
December	4,305.1	405.5	921.5	2,131.3	753.8	1,225.5	2,294.6	218.4	680.9	1,209.0	353.8	668.9	533.0	870.1	16,694.6
1990 —															
March	4,061.8	384.6	912.4	1,863.5	697.5	896.4	1,399.7	187.7	447.1	997.0	293.8	576.7	507.8	683.2	14,014.2
June	4,049.7	395.0	864.4	1,788.8	653.8	1,056.4	1,655.6	213.7	414.7	1,058.0	294.2	607.3	463.6	669.8	14,299.0
September	4,109.2	403.4	880.3	1,811.8	660.9	994.2	1,527.5	192.2	414.1	1,017.4	298.8	626.5	475.4	688.0	14,212.5
SEASONALLY ADJUSTED ESTIMATES \$ million															
1989 —															
December	4,107.0	378.9	880.1	1,919.8	n.p.	1,054.8	1,749.9	205.7	496.8	1,079.5	319.5	608.6	497.5	n.p.	14,853.9
1990 —															
March	4,105.7	399.9	908.4	1,880.7	n.p.	1,049.6	1,696.9	204.6	494.4	1,092.1	312.7	612.8	507.6	n.p.	14,841.4
June	4,136.8	405.4	892.5	1,894.1	n.p.	1,054.0	1,726.8	202.2	483.6	1,073.0	309.0	629.7	487.7	n.p.	14,796.0
September	4,226.7	407.5	904.7	1,908.9	n.p.	1,029.9	1,717.0	202.1	482.6	1,052.2	301.8	633.1	492.9	n.p.	14,857.7
percentage change from preceding quarter															
1989 —															
December	-0.1	0.1	7.2	-1.7	n.p.	-1.3	0.2	3.5	-7.1	1.8	3.4	3.8	-3.2	n.p.	0.3
1990 —															
March	0.0	5.5	3.2	-2.0	n.p.	-0.5	-3.0	-0.5	-0.5	1.2	-2.1	0.7	2.0	n.p.	-0.1
June	0.8	1.4	-1.7	0.7	n.p.	0.4	1.8	-1.2	-2.2	-1.7	-1.2	2.1	-3.9	n.p.	-0.3
September	2.2	0.5	1.4	0.8	n.p.	-2.3	-0.6	0.0	-0.2	-1.9	-2.4	0.5	1.1	n.p.	0.4
percentage change from corresponding quarter of previous year															
1989 —															
December	2.2	-1.4	6.8	4.5	n.p.	-6.3	-0.2	10.1	-1.4	18.2	2.6	11.2	9.1	n.p.	3.7
1990 —															
March	0.3	1.0	9.8	0.4	n.p.	-11.7	-1.1	10.5	-9.8	12.8	2.1	9.4	4.6	n.p.	1.4
June	2.2	3.0	9.2	-2.4	n.p.	-5.5	1.9	5.4	-12.7	5.9	-4.9	9.8	-3.1	n.p.	1.4
September	2.8	7.6	10.1	-2.3	n.p.	-3.7	-1.6	1.7	-9.7	-0.8	-2.4	8.0	-4.1	n.p.	0.4

(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	ORIGINAL \$ million					Northern Territory	Australian Capital Territory	Australia
				South Australia	Western Australia	Tasmania					
1989 —											
October	2,398.8	1,706.8	1,150.8	519.5	598.3	163.0	66.4	118.3	6,722.0		
November	2,586.6	1,824.1	1,195.0	577.1	647.2	177.5	66.5	124.6	7,198.5		
December	3,334.5	2,494.2	1,537.3	711.3	821.0	231.4	78.0	157.2	9,364.9		
1990 —											
January	2,357.6	1,724.0	1,152.8	523.5	587.2	164.4	59.5	112.7	6,681.7		
February	2,197.8	1,581.9	1,038.9	473.2	539.7	158.3	57.9	105.9	6,153.7		
March	2,476.0	1,745.8	1,162.1	546.3	618.4	179.2	66.1	120.2	6,914.1		
April	2,375.7	1,668.1	1,097.0	529.5	596.1	167.4	65.2	118.4	6,617.6		
May	2,519.0	1,742.0	1,188.8	559.7	624.7	180.1	72.5	128.1	7,014.9		
June	2,456.2	1,685.9	1,192.7	541.9	620.6	173.1	74.5	128.2	6,873.2		
July	2,424.5	1,621.7	1,147.1	529.5	594.0	166.2	79.0	125.2	6,687.2		
August	2,523.5	1,692.3	1,217.2	553.1	616.1	176.6	80.5	127.0	6,986.3		
September	2,477.3	1,631.3	1,171.8	543.7	596.0	170.6	76.3	125.3	6,792.3		
October	2,594.8	1,722.5	1,232.2	584.0	626.3	180.0	77.5	130.3	7,147.6		
November	2,716.5	1,806.7	1,270.5	624.0	652.9	191.5	74.8	136.2	7,473.0		
December	3,383.8	2,346.6	1,578.6	763.9	831.5	236.2	84.1	170.3	9,395.1		
Standard error (b) of											
Level	62.2	44.3	28.5	17.3	16.5	5.3	1.6	3.7	85.2		
Change	31.9	22.4	14.4	11.6	8.5	2.6	0.9	2.2	44.1		
TREND ESTIMATES (c) \$ million											
1989 —											
October	2,445.2	1,757.3	1,161.7	537.8	616.0	169.8	n.p.	119.6	6,879.9		
November	2,453.0	1,773.5	1,168.3	541.1	616.2	170.7	n.p.	120.5	6,913.0		
December	2,463.9	1,785.5	1,174.4	543.8	614.8	171.9	n.p.	121.0	6,944.2		
1990 —											
January	2,480.0	1,790.8	1,181.3	546.6	613.8	173.6	n.p.	121.7	6,976.4		
February	2,496.7	1,787.5	1,188.5	549.2	614.5	175.3	n.p.	122.6	7,001.3		
March	2,513.4	1,776.3	1,194.8	551.2	617.5	176.8	n.p.	123.6	7,018.1		
April	2,530.3	1,762.8	1,199.3	552.6	622.8	177.9	n.p.	124.7	7,033.5		
May	2,545.5	1,751.6	1,201.0	554.0	628.6	178.8	n.p.	126.1	7,050.6		
June	2,560.2	1,744.5	1,201.9	556.4	632.8	179.7	n.p.	127.5	7,073.4		
July	2,572.0	1,740.2	1,203.7	560.4	633.9	180.6	n.p.	128.7	7,095.6		
August	2,579.1	1,736.2	1,207.1	566.2	632.7	181.3	n.p.	129.5	7,113.1		
September	2,580.4	1,732.4	1,211.9	573.3	631.0	181.6	n.p.	130.0	7,122.6		
October	2,575.5	1,729.9	1,217.3	580.5	629.6	181.5	n.p.	130.2	7,124.5		
November	2,566.9	1,728.9	1,222.1	586.7	628.9	180.9	n.p.	130.4	7,120.7		
December	2,553.3	1,727.7	1,225.9	591.5	627.7	180.1	n.p.	130.2	7,109.9		

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

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia	
										TREND ESTIMATES (c)
percentage change from preceding month										
1989 —										
October	0.3	0.9	0.6	0.7	0.5	0.6	n.p.	0.8	0.6	
November	0.3	0.9	0.6	0.6	0.0	0.5	n.p.	0.8	0.5	
December	0.4	0.7	0.5	0.5	-0.2	0.7	n.p.	0.4	0.5	
1990 —										
January	0.7	0.3	0.6	0.5	-0.2	1.0	n.p.	0.6	0.5	
February	0.7	-0.2	0.6	0.5	0.1	1.0	n.p.	0.7	0.4	
March	0.7	-0.6	0.5	0.4	0.5	0.9	n.p.	0.8	0.2	
April	0.7	-0.8	0.4	0.3	0.9	0.6	n.p.	0.9	0.2	
May	0.6	-0.6	0.1	0.3	0.9	0.5	n.p.	1.1	0.2	
June	0.6	-0.4	0.1	0.4	0.7	0.5	n.p.	1.1	0.3	
July	0.5	-0.2	0.1	0.7	0.2	0.5	n.p.	0.9	0.3	
August	0.3	-0.2	0.3	1.0	-0.2	0.4	n.p.	0.6	0.2	
September	0.1	-0.2	0.4	1.3	-0.3	0.2	n.p.	0.4	0.1	
October	-0.2	-0.1	0.4	1.3	-0.2	-0.1	n.p.	0.2	0.0	
November	-0.3	-0.1	0.4	1.1	-0.1	-0.3	n.p.	0.2	-0.1	
December	-0.5	-0.1	0.3	0.8	-0.2	-0.4	n.p.	-0.2	-0.2	
TREND ESTIMATES (c)										
percentage change from corresponding month of previous year										
1989 —										
October	12.8	6.0	10.7	5.9	12.9	9.7	n.p.	6.7	10.0	
November	11.4	6.5	11.1	5.3	10.8	8.8	n.p.	6.4	9.4	
December	10.2	6.8	11.0	4.7	8.7	8.0	n.p.	5.9	8.7	
1990 —										
January	9.5	6.6	10.6	4.5	7.2	7.8	n.p.	6.2	8.2	
February	9.0	6.0	9.9	4.7	6.6	7.9	n.p.	7.3	7.7	
March	8.6	4.9	9.1	5.1	6.7	8.3	n.p.	8.7	7.2	
April	8.1	3.5	8.2	5.4	7.1	8.7	n.p.	10.0	6.7	
May	7.6	2.4	7.2	5.7	7.3	8.9	n.p.	11.0	6.2	
June	7.2	1.6	6.3	6.0	7.0	8.9	n.p.	11.4	5.7	
July	6.7	1.1	5.6	6.3	5.8	8.7	n.p.	11.0	5.2	
August	6.2	0.4	5.1	6.8	4.2	8.2	n.p.	10.4	4.7	
September	5.8	-0.5	4.9	7.3	2.9	7.6	n.p.	9.6	4.1	
October	5.3	-1.6	4.8	7.9	2.2	6.9	n.p.	8.9	3.6	
November	4.6	-2.5	4.6	8.4	2.1	6.0	n.p.	8.2	3.0	
December	3.6	-3.2	4.4	8.8	2.1	4.8	n.p.	7.6	2.4	

(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	
										ORIGINAL \$ million
SEASONALLY ADJUSTED ESTIMATES										
\$ million										
1989 —										
December	6,036.9	4,254.8	2,775.1	1,304.5	1,472.7	406.7	149.9	294.0	16,694.6	
1990 —										
March	5,025.3	3,548.0	2,378.5	1,107.7	1,223.0	354.6	131.1	245.9	14,014.2	
June	5,174.6	3,498.9	2,424.8	1,152.3	1,268.1	363.3	148.8	268.2	14,299.0	
September	5,208.5	3,381.4	2,461.1	1,136.7	1,237.0	355.8	163.9	267.9	14,212.5	
SEASONALLY ADJUSTED ESTIMATES										
percentage change from preceding quarter										
1989 —										
December	0.5	0.5	0.7	1.1	0.4	-0.3	n.p.	0.4	0.3	
1990 —										
March	0.0	-0.4	1.2	0.2	-3.0	2.0	n.p.	1.0	-0.1	
June	0.5	-2.7	0.2	0.8	1.7	1.2	n.p.	2.5	-0.3	
September	1.3	-1.8	-1.1	-0.3	-0.1	0.6	n.p.	0.3	0.4	
percentage change from corresponding quarter of previous year										
1989 —										
December	5.9	0.0	5.1	0.2	5.9	3.5	n.p.	0.3	3.7	
1990 —										
March	2.8	-0.5	4.6	0.0	0.0	1.8	n.p.	1.9	1.4	
June	1.7	-2.7	2.9	2.6	2.1	4.4	n.p.	7.1	1.4	
September	2.4	-4.4	0.9	1.8	-1.1	3.4	n.p.	4.3	0.4	

(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, confect- ioners, tobacc- onists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Footwear stores	Domestic hardware stores, jewellers	Elec- trical goods stores	Furni- ture stores	Floor cover- ings stores	Pharma- cies	News- agents	Other stores	Total	
	NEW SOUTH WALES ORIGINAL \$ million																
1989 —																	
October	548.0	67.1	159.6	413.3	125.2	167.0	264.8	33.8	76.3	132.2	59.9	18.6	109.6	99.2	124.3	2,398.8	
November	578.1	68.0	161.8	419.8	129.6	191.9	324.6	34.2	100.8	141.6	66.7	20.8	113.6	98.6	136.4	2,586.6	
December	690.7	86.1	179.3	518.8	157.0	254.8	553.4	44.1	152.7	189.8	68.1	19.6	135.3	104.3	180.5	3,334.5	
1990 —																	
January	551.9	68.8	188.3	424.2	132.7	158.5	234.5	35.8	60.7	129.3	51.5	14.3	105.6	88.3	113.1	2,357.6	
February	548.2	68.7	164.0	379.2	123.4	133.3	198.9	27.1	57.6	118.1	48.0	14.2	99.5	102.5	115.1	2,197.8	
March	598.0	75.5	174.6	426.4	129.6	165.3	255.0	32.1	65.8	131.7	54.6	19.5	113.0	110.0	124.9	2,476.0	
April	538.2	69.6	173.5	419.8	125.2	175.1	256.5	34.1	56.1	124.1	49.7	17.0	112.3	92.6	111.9	2,375.7	
May	583.9	74.6	172.8	418.8	121.6	204.0	283.9	35.7	62.7	142.3	56.4	21.2	122.0	102.9	116.3	2,519.0	
June	594.5	81.9	171.0	415.5	115.2	172.1	284.4	39.7	57.2	130.2	55.1	22.7	112.7	92.5	111.6	2,456.2	
July	584.3	79.7	167.5	434.3	114.2	171.0	254.0	34.2	55.2	129.4	54.1	18.4	114.9	102.1	111.3	2,424.5	
August	633.4	81.1	169.8	437.6	120.5	166.8	263.9	32.7	59.0	134.2	51.3	21.1	113.6	113.6	116.5	2,523.5	
September	596.1	75.4	147.9	443.2	129.1	178.4	265.6	35.2	58.9	128.3	51.8	22.5	134.5	96.0	114.5	2,477.3	
October	620.4	75.9	160.9	461.2	120.4	193.4	276.3	34.6	65.0	140.6	59.1	22.2	145.4	95.8	123.7	2,594.8	
November	655.2	76.2	159.8	469.2	126.1	208.5	325.7	35.3	73.7	143.2	56.3	22.7	138.4	96.8	129.6	2,716.5	
December	729.2	81.5	180.7	536.0	146.3	284.5	558.6	48.6	108.3	211.3	60.4	20.6	152.4	103.8	161.7	3,383.8	
Standard error (b) of	18.0	9.7	17.7	33.1	16.7	25.7	0.0	5.8	9.5	15.7	4.7	2.2	16.2	12.4	17.0	62.2	
Level	8.1	4.8	6.6	9.0	5.4	18.4	0.0	3.1	4.6	8.5	1.9	1.7	10.2	8.3	12.5	31.9	
Change																	
TREND ESTIMATES (c)																	
\$ million																	
1990 —																	
July	609.9	79.5	170.3	458.9	n.p.	180.4	292.0	35.5	72.1	135.3	54.8	19.9	122.4	104.6	n.p.	2,572.0	
August	617.0	78.8	165.7	460.7	n.p.	182.3	292.1	35.5	70.8	136.6	54.1	19.8	125.8	103.5	n.p.	2,579.1	
September	622.7	77.4	161.9	458.6	n.p.	185.2	292.0	35.5	68.3	138.7	53.3	19.8	129.6	101.4	n.p.	2,580.4	
October	627.4	75.6	159.5	454.2	n.p.	188.4	291.8	35.6	64.9	140.8	52.5	19.8	133.0	98.4	n.p.	2,575.5	
November	631.5	73.8	158.3	448.3	n.p.	191.6	291.4	35.9	61.2	142.6	51.8	19.7	135.3	95.1	n.p.	2,566.9	
December	633.9	71.9	158.0	442.5	n.p.	194.6	290.4	36.2	57.5	144.2	51.2	19.6	136.8	92.0	n.p.	2,553.3	
percentage change from preceding month																	
1990 —																	
July	1.4	0.4	-2.5	1.6	n.p.	0.4	0.4	0.3	0.4	0.0	-0.7	-0.5	2.1	-0.1	n.p.	0.5	
August	1.2	-0.9	-2.7	0.4	n.p.	1.1	0.0	0.0	-1.8	1.0	-1.3	-0.5	2.8	-1.1	n.p.	0.3	
September	0.9	-1.8	-2.3	-0.5	n.p.	1.6	0.0	0.0	-3.5	1.5	-1.5	0.0	3.0	-2.0	n.p.	0.1	
October	0.8	-2.3	-1.5	-1.0	n.p.	1.7	-0.1	0.3	-5.0	1.5	-1.5	0.0	2.6	-3.0	n.p.	-0.2	
November	0.7	-2.4	-0.8	-1.3	n.p.	1.7	-0.1	0.8	-5.7	1.3	-1.3	-0.5	1.7	-3.4	n.p.	-0.3	
December	0.4	-2.6	-0.2	-1.3	n.p.	1.6	-0.3	0.8	-6.0	1.1	-1.2	-0.5	1.1	-3.3	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, confectioners, tobacconists		Hotels, liquor stores, licensed clubs		Cafes and restaurants		Clothing and fabrics stores		Department and general stores		Domestic hardware stores, jewellers		Electrical goods stores		Furniture stores		Floor coverings stores		Pharmacies		Newsagents		Other stores		Total		
	Butchers	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores			
ORIGINAL \$ million																											
1989 —																											
October	517.5	35.0	120.0	173.0	88.9	135.9	172.5	20.3	72.5	110.5	61.1	14.5	39.9	60.8	84.3	1,706.8											
November	547.4	34.0	119.2	185.3	89.2	144.6	208.8	22.4	76.5	116.2	65.1	18.6	44.7	63.1	89.0	1,824.1											
December	645.2	53.8	126.6	248.0	116.0	209.9	390.8	28.1	132.2	157.9	85.5	16.9	42.1	89.2	152.0	2,494.2											
1990 —																											
January	544.5	45.1	114.1	185.8	88.9	118.2	151.3	21.8	71.4	106.5	65.7	12.5	34.4	76.2	87.8	1,724.0											
February	515.0	41.6	101.1	169.0	85.4	106.2	135.3	18.8	61.1	100.2	59.7	14.6	30.4	69.6	73.6	1,581.9											
March	583.2	50.5	106.6	176.9	102.3	119.3	165.7	19.9	66.3	102.4	65.7	13.4	32.1	57.3	84.3	1,745.8											
April	538.2	45.8	100.6	163.8	86.3	131.3	177.6	23.2	59.9	105.0	62.8	11.7	29.9	49.9	82.1	1,668.1											
May	561.2	48.5	97.4	155.3	87.9	143.9	188.1	24.0	65.5	114.4	67.7	13.6	33.6	57.7	83.1	1,742.0											
June	544.2	48.5	100.1	152.0	81.3	139.5	195.9	22.7	58.6	109.1	58.1	14.5	30.9	52.5	77.9	1,685.9											
July	518.7	44.2	100.1	150.8	91.3	137.1	156.5	21.1	61.6	103.7	56.7	11.3	34.8	52.4	81.4	1,621.7											
August	563.6	46.2	99.2	152.4	84.7	131.2	171.7	18.6	63.2	108.5	62.1	12.8	35.3	55.2	87.5	1,692.3											
September	533.5	45.4	91.1	172.8	88.2	123.1	163.5	19.2	61.5	94.8	60.1	10.0	30.9	49.9	87.2	1,631.3											
October	575.7	45.3	94.3	172.9	86.2	132.9	177.8	21.5	67.5	98.2	63.4	12.6	33.1	49.9	91.2	1,722.5											
November	598.3	43.6	94.5	183.9	82.7	140.3	213.4	22.3	74.8	99.7	60.4	11.0	35.0	52.2	94.6	1,806.7											
December	665.1	48.1	115.0	237.5	87.8	199.9	375.7	34.4	123.1	135.1	73.1	11.9	38.5	71.6	129.7	2,346.6											
TREND ESTIMATES (c)																											
\$ million																											
1990 —																											
July	560.2	46.0	100.6	169.4	n.p.	137.0	188.6	21.1	70.3	106.8	62.9	12.4	32.7	55.7	n.p.	1,740.2											
August	562.0	45.7	98.7	170.5	n.p.	136.5	189.6	21.4	69.8	104.9	62.1	11.9	32.5	55.3	n.p.	1,736.2											
September	565.3	45.5	96.7	172.2	n.p.	135.4	191.0	22.0	69.2	102.8	61.4	11.3	32.2	54.4	n.p.	1,732.4											
October	569.8	45.2	95.3	174.0	n.p.	134.5	192.4	22.7	68.5	100.7	60.5	10.8	32.1	53.3	n.p.	1,729.9											
November	574.5	44.8	94.7	175.6	n.p.	133.7	193.8	23.6	67.9	98.8	59.3	10.4	32.2	52.5	n.p.	1,728.9											
December	579.1	44.4	94.5	176.9	n.p.	132.9	194.4	24.5	67.3	96.9	58.2	10.1	32.3	51.9	n.p.	1,727.7											
percentage change from preceding month																											
1990 —																											
July	0.1	-0.4	-1.6	0.1	n.p.	0.2	0.4	0.0	-0.1	-1.7	-1.6	-3.9	-0.9	-1.1	n.p.	-0.2											
August	0.3	-0.7	-1.9	0.6	n.p.	-0.4	0.5	1.4	-0.7	-1.8	-1.3	-4.0	-0.6	-0.7	n.p.	-0.2											
September	0.6	-0.4	-2.0	1.0	n.p.	-0.8	0.7	2.8	-0.9	-2.0	-1.1	-5.0	-0.9	-1.6	n.p.	-0.2											
October	0.8	-0.7	-1.4	1.0	n.p.	-0.7	0.7	3.2	-1.0	-2.0	-1.5	-4.4	-0.3	-2.0	n.p.	-0.1											
November	0.8	-0.9	-0.6	0.9	n.p.	-0.6	0.7	4.0	-0.9	-1.9	-2.0	-3.7	0.3	-1.5	n.p.	-0.1											
December	0.8	-0.9	-0.2	0.7	n.p.	-0.6	0.3	3.8	-0.9	-1.9	-1.9	-2.9	0.3	-1.1	n.p.	-0.1											

Standard error (b) of Level 17.4 6.2 14.2 25.8 8.7 12.2 0.0 2.9 9.1 10.4 7.2 1.9 6.1 13.4 44.3 Change 6.8 2.1 8.0 11.1 3.8 5.5 0.0 2.5 6.7 3.5 1.2 1.3 1.2 10.3 22.4

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, tobacconists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and restaurants	Clothing and fabrics stores	Department general stores	Footwear stores	Domestic hardware stores, jewellers	Electrical goods stores	Furniture stores	Floor coverings stores	Pharmacies	Newsagents	Other stores	Total
ORIGINAL \$ million																
1989 —																
October	319.4	36.0	82.5	148.7	40.8	104.8	121.0	16.9	29.8	81.4	20.1	9.4	38.5	43.5	57.9	1,150.8
November	326.3	38.1	80.7	152.1	38.5	107.6	140.0	18.8	34.0	81.8	21.4	9.9	41.1	43.9	60.7	1,195.0
December	375.7	38.4	85.8	193.5	53.7	130.2	235.3	20.9	54.2	115.9	27.7	9.6	54.9	50.3	91.1	1,537.3
1990 —																
January	321.0	31.4	92.2	154.7	53.4	90.8	111.8	19.9	30.9	75.7	23.0	7.3	39.1	45.7	56.0	1,152.8
February	314.1	29.9	76.9	133.7	38.9	71.0	95.0	13.2	27.7	74.8	21.8	8.6	35.2	43.8	54.3	1,038.9
March	348.8	33.9	84.7	142.0	49.0	84.7	117.5	16.9	31.7	74.6	26.5	9.8	43.1	39.9	59.0	1,162.1
April	327.2	31.3	81.1	134.0	47.6	86.8	110.8	16.5	27.6	68.4	20.5	8.7	40.7	39.2	56.7	1,097.0
May	342.3	33.4	80.9	135.6	48.6	101.8	125.5	17.9	28.9	78.2	26.1	10.7	46.7	43.2	68.9	1,188.8
June	339.0	35.5	84.9	134.9	45.9	102.7	138.4	19.9	24.7	80.5	28.2	10.2	43.9	42.3	61.7	1,192.7
July	337.7	35.4	85.0	133.5	49.7	92.5	107.6	16.1	22.8	73.9	28.2	10.4	47.3	43.7	63.1	1,147.1
August	354.9	34.7	86.8	140.9	52.0	98.0	123.1	15.7	24.5	79.9	25.6	12.5	53.3	44.8	70.6	1,217.2
September	334.5	32.0	85.3	143.3	44.9	97.9	125.4	19.1	26.2	71.5	25.7	11.3	50.2	42.0	62.5	1,171.8
October	355.8	33.2	86.8	147.4	46.4	105.3	128.7	16.1	28.3	77.6	27.9	12.5	53.4	45.3	67.5	1,232.2
November	362.7	32.7	85.1	153.8	47.6	110.6	147.9	15.9	33.1	83.9	28.6	12.9	47.4	42.9	65.4	1,270.5
December	397.7	35.0	94.2	183.8	54.4	137.5	239.4	21.5	52.1	116.7	27.9	10.7	56.5	50.4	100.8	1,578.6
Standard error (b) of																
Level	7.4	4.6	9.3	12.2	8.1	10.5	0.0	1.8	4.1	5.0	3.1	1.3	7.7	6.6	12.8	28.5
Change	2.0	1.7	2.4	4.2	5.1	5.9	0.0	0.5	2.2	4.8	2.2	0.6	2.8	2.0	8.4	14.4
TREND ESTIMATES (c)																
\$ million																
1990 —																
July	347.5	34.0	86.4	140.1	n.p.	97.1	130.5	16.9	29.0	77.9	26.8	10.9	47.9	45.5	n.p.	1,203.7
August	349.8	33.1	86.0	141.5	n.p.	96.4	131.6	16.8	28.5	77.8	26.6	11.3	49.0	45.7	n.p.	1,207.1
September	352.2	32.3	85.6	143.2	n.p.	96.5	132.7	16.8	28.3	78.3	26.3	11.5	49.6	45.3	n.p.	1,211.9
October	354.5	31.7	85.3	144.9	n.p.	97.5	133.5	17.0	28.3	79.3	25.9	11.6	49.6	44.4	n.p.	1,217.3
November	356.5	31.2	85.2	146.3	n.p.	98.7	134.1	17.3	28.3	80.4	25.4	11.6	49.2	43.4	n.p.	1,222.1
December	357.9	30.8	85.1	147.3	n.p.	100.0	134.3	17.6	28.4	81.6	25.0	11.5	48.6	42.2	n.p.	1,225.9
percentage change from preceding month																
1990 —																
July	0.7	-1.7	-0.5	0.2	n.p.	-1.4	0.5	-1.2	-3.7	-0.8	-0.4	4.8	3.2	1.3	n.p.	0.1
August	0.7	-2.6	-0.5	1.0	n.p.	-0.7	0.8	-0.6	-1.7	-0.1	-0.7	3.7	2.3	0.4	n.p.	0.3
September	0.7	-2.4	-0.5	1.2	n.p.	0.1	0.8	0.0	-0.7	0.6	-1.1	1.8	1.2	-0.9	n.p.	0.4
October	0.7	-1.9	-0.4	1.2	n.p.	1.0	0.6	1.2	0.0	1.3	-1.5	0.9	0.0	-2.0	n.p.	0.4
November	0.6	-1.6	-0.1	1.0	n.p.	1.2	0.4	1.8	0.0	1.4	-1.9	0.0	-0.8	-2.3	n.p.	0.4
December	0.4	-1.3	-0.1	0.7	n.p.	1.3	0.1	1.7	0.4	1.5	-1.6	-0.9	-1.2	-2.8	n.p.	0.3

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, tobacconists		Hotels, liquor stores, licensed clubs		Cafes and restaurants		Clothing and fabrics stores		Department and general stores		Footwear stores		Domestic hardware stores, jewellers		Electrical goods stores		Furniture stores		Floor coverings stores		Pharmacies		Newsagents		Other stores		Total		
	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and restaurants	Clothing and fabrics stores	Department and general stores	Footwear stores	Domestic hardware stores, jewellers	Electrical goods stores	Furniture stores	Floor coverings stores	Pharmacies	Newsagents	Other stores															
SOUTH AUSTRALIA																													
ORIGINAL \$ million																													
1989 —																													
October	155.2	12.5	38.1	58.9	20.8	36.0	75.7	6.8	14.8	29.1	14.1	5.5	18.5	11.2	22.3	519.5													
November	161.5	13.2	39.2	66.0	25.8	36.7	102.8	7.8	16.0	30.6	15.0	5.9	21.7	12.1	22.8	577.1													
December	183.3	17.2	42.4	79.9	26.2	47.6	147.0	8.6	24.1	42.2	16.8	4.9	23.9	17.8	29.5	711.3													
1990 —																													
January	158.1	13.0	39.0	60.9	21.3	35.3	70.4	7.3	13.7	32.6	15.0	4.8	18.1	13.2	20.8	523.5													
February	146.4	12.1	34.6	55.3	20.4	27.6	62.8	5.3	12.8	28.6	13.4	5.0	16.7	12.5	19.7	473.2													
March	170.0	13.6	40.7	62.2	22.0	34.3	73.3	7.4	12.6	33.6	14.5	5.6	19.0	14.9	22.6	546.3													
April	158.2	12.6	38.4	62.5	19.7	36.8	77.7	8.5	12.0	32.3	14.0	4.7	17.8	12.2	22.2	529.5													
May	167.5	13.4	38.7	57.6	21.0	39.4	85.9	8.7	13.3	37.4	16.0	5.7	19.7	13.8	21.6	559.7													
June	162.6	15.5	39.1	55.7	19.5	37.7	79.6	8.4	11.9	37.8	14.5	5.0	19.5	13.6	21.4	541.9													
July	155.8	13.5	39.1	53.4	19.5	38.8	80.1	7.6	11.4	36.4	15.3	5.6	18.1	14.2	20.6	529.5													
August	171.9	15.0	40.9	55.9	19.6	34.3	80.5	6.9	13.4	36.6	14.9	6.1	20.9	14.7	21.7	553.1													
September	161.4	13.7	41.3	59.3	22.2	34.7	77.1	8.1	13.1	32.3	14.7	5.0	20.1	12.9	27.8	543.7													
October	175.0	15.2	45.2	62.2	24.1	37.4	85.1	8.7	14.1	34.2	15.1	5.9	23.1	13.4	25.4	584.0													
November	181.2	15.0	46.5	64.5	30.0	35.8	103.8	8.4	15.4	35.8	14.8	6.9	22.9	15.6	27.4	624.0													
December	201.0	19.2	48.4	80.6	25.8	44.1	154.1	10.3	23.8	46.7	14.1	3.9	30.0	20.0	41.9	763.9													
Standard error (b) of																													
Level	6.7	3.7	7.5	4.0	3.8	5.9	0.0	0.8	2.2	4.1	0.8	0.5	7.0	1.8	6.8	17.3													
Change	6.3	1.3	3.6	1.4	1.3	3.8	0.0	0.5	1.1	1.5	0.8	1.1	5.9	1.3	4.6	11.6													
TREND ESTIMATES (c)																													
\$ million																													
1990 —																													
July	165.7	14.7	40.6	61.0	n.p.	38.1	85.0	7.9	14.4	36.0	14.8	5.5	19.9	13.9	n.p.	560.4													
August	167.2	14.8	41.3	61.3	n.p.	37.6	86.1	8.0	14.3	35.9	14.8	5.6	20.3	14.1	n.p.	566.2													
September	169.4	14.8	42.1	61.6	n.p.	36.6	87.2	8.2	14.1	35.9	14.7	5.5	20.9	14.3	n.p.	573.3													
October	171.8	14.9	42.9	61.9	n.p.	35.4	88.2	8.4	13.7	35.9	14.4	5.5	21.7	14.6	n.p.	580.5													
November	174.2	15.0	43.7	62.1	n.p.	34.3	89.1	8.6	13.3	36.0	14.0	5.3	22.4	15.0	n.p.	586.7													
December	176.2	15.1	44.3	62.1	n.p.	33.3	89.7	8.8	12.9	36.0	13.6	5.2	23.2	15.4	n.p.	591.5													
percentage change from preceding month																													
1990 —																													
July	0.5	2.1	1.0	0.2	n.p.	-0.3	1.1	2.6	-0.7	0.0	0.0	0.0	1.0	0.7	n.p.	0.7													
August	0.9	0.7	1.7	0.5	n.p.	-1.3	1.3	1.3	-0.7	-0.3	0.0	1.8	2.0	1.4	n.p.	1.0													
September	1.3	0.0	1.9	0.5	n.p.	-2.7	1.3	2.5	-1.4	0.0	-0.7	-1.8	3.0	1.4	n.p.	1.3													
October	1.4	0.7	1.9	0.5	n.p.	-3.3	1.1	2.4	-2.8	0.0	-2.0	0.0	3.8	2.1	n.p.	1.3													
November	1.4	0.7	1.9	0.3	n.p.	-3.1	1.0	2.4	-2.9	0.3	-2.8	-3.6	3.2	2.7	n.p.	1.1													
December	1.1	0.7	1.4	0.0	n.p.	-2.9	0.7	2.3	-3.0	0.0	-2.9	-1.9	3.6	2.7	n.p.	0.8													

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	WESTERN AUSTRALIA ORIGINAL, \$ million										Total				
	Grocers, confectioners, tobacco shops	Butchers	Other food stores	Hôtels, liquor stores, licensed clubs	Cafés and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Footwear stores	Domestic hardware stores, jewellers	Elec- trical goods stores		Furni- ture stores	Floor cover- ings stores	Pharma- cies	News- agents
1989 —															
October	186.6	6.9	39.0	78.1	29.2	39.4	68.5	7.6	15.5	40.3	9.1	7.6	24.2	17.5	29.1
November	197.8	6.9	39.0	81.0	29.4	41.9	85.2	7.9	20.1	46.5	8.8	8.1	25.9	18.4	30.3
December	225.4	9.7	44.0	96.6	41.2	50.1	139.5	8.7	30.0	57.4	10.9	7.6	36.2	20.4	43.3
1990 —															
January	193.1	7.1	39.4	73.7	30.1	33.9	63.6	7.9	12.8	38.6	9.1	7.8	23.5	17.6	29.1
February	182.3	7.2	34.4	71.6	24.7	27.7	53.1	5.6	13.0	35.5	8.7	8.1	22.7	18.4	26.8
March	212.0	7.2	40.8	77.9	28.8	33.0	66.6	6.3	13.2	43.5	9.4	8.0	26.3	18.6	26.9
April	198.0	6.4	41.0	71.7	28.9	36.8	70.5	7.3	11.9	38.5	7.7	7.4	24.3	20.3	25.6
May	206.7	7.2	42.1	70.6	28.3	39.2	75.5	7.9	13.5	43.9	8.9	8.0	27.8	19.1	25.9
June	201.5	6.2	42.9	68.6	30.8	37.5	80.3	7.1	13.8	43.4	8.9	6.9	26.4	21.0	25.2
July	198.2	5.9	42.9	67.6	29.5	35.2	64.1	7.2	15.1	39.6	9.7	7.0	26.4	17.7	27.8
August	212.5	5.9	43.7	70.1	29.3	35.4	69.9	5.4	14.0	41.7	8.9	6.2	28.1	19.8	25.3
September	197.3	5.7	45.7	69.8	32.2	31.6	66.8	6.6	14.3	36.4	8.9	6.6	26.0	18.5	29.6
October	205.1	6.1	49.5	71.2	31.9	32.4	73.6	6.9	15.5	38.9	10.1	7.0	28.9	17.5	31.6
November	215.1	6.0	48.4	71.9	33.1	33.4	83.9	6.9	16.3	41.6	10.1	7.3	28.6	18.3	31.9
December	245.7	6.6	54.8	90.0	39.2	48.5	140.0	8.8	28.8	52.6	10.1	5.3	37.7	23.4	40.1
Standard error (b) of															
Level	4.8	1.0	6.6	4.5	5.9	4.4	0.0	0.2	3.2	4.3	1.0	0.6	9.0	2.0	3.8
Change	1.7	0.4	3.0	1.6	1.8	1.8	0.0	0.2	1.8	2.6	0.6	0.6	5.8	1.6	2.2
1990 —															
July	209.5	5.9	45.2	75.2	n.p.	35.9	77.5	6.7	16.3	40.5	9.2	6.7	27.5	19.9	n.p.
August	210.1	5.8	45.9	74.0	n.p.	35.0	77.3	6.6	16.1	40.1	9.2	6.5	27.3	19.4	n.p.
September	210.3	5.9	46.6	72.7	n.p.	34.2	76.7	6.5	15.7	40.0	9.2	6.4	27.3	19.0	n.p.
October	210.4	6.1	47.3	71.6	n.p.	33.4	76.1	6.6	15.2	40.1	9.2	6.4	27.3	18.7	n.p.
November	210.6	6.2	48.1	70.7	n.p.	32.7	75.6	6.6	14.7	40.1	9.1	6.3	27.5	18.5	n.p.
December	210.8	6.3	48.8	70.3	n.p.	32.1	74.8	6.7	14.3	40.1	9.0	6.2	27.8	18.2	n.p.
1990 —															
July	0.8	-1.7	2.5	-0.8	n.p.	-1.9	0.3	-2.9	1.2	-1.7	0.0	-4.3	-0.7	-1.5	n.p.
August	0.3	-1.7	1.5	-1.6	n.p.	-2.5	-0.3	-1.5	-1.2	-1.0	0.0	-3.0	-0.7	-2.5	n.p.
September	0.1	1.7	1.5	-1.8	n.p.	-2.3	-0.8	-1.5	-2.5	-0.2	0.0	-1.5	0.0	-2.1	n.p.
October	0.0	3.4	1.5	-1.5	n.p.	-2.3	-0.8	1.5	-3.2	0.2	0.0	0.0	0.0	-1.6	n.p.
November	0.1	1.6	1.7	-1.3	n.p.	-2.1	-0.7	0.0	-3.3	0.0	-1.1	-1.6	0.7	-1.1	n.p.
December	0.1	1.6	1.5	-0.6	n.p.	-1.8	-1.1	1.5	-2.7	0.0	-1.1	-1.6	1.1	-1.6	n.p.

percentage change from preceding month

TREND ESTIMATES (c)  
\$ million

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, confect- ioners, tobacc- onists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Footwear stores	Domestic hardware stores, jewellers	Elec- trical goods stores	Furni- ture stores	Floor cover- ings stores	Pharma- cies	News- agents	Other stores	Total
ORIGINAL \$ million																
1989 —																
October	53.3	4.2	8.7	23.7	5.0	12.5	16.9	2.3	2.8	7.9	3.6	1.6	6.4	5.8	8.5	163.0
November	56.2	4.1	8.7	25.3	4.7	13.9	20.7	2.6	3.6	9.4	4.0	1.9	6.8	6.4	9.1	177.5
December	64.3	5.4	11.8	32.4	6.7	19.0	35.0	3.4	5.7	13.2	4.1	1.4	7.1	10.0	11.8	231.4
1990 —																
January	52.7	4.2	8.9	26.2	5.6	11.8	15.8	2.6	2.5	8.5	3.1	1.5	6.2	7.1	7.8	164.4
February	51.2	4.1	9.0	23.4	5.4	11.4	14.6	2.6	2.4	8.4	3.4	1.3	5.4	8.4	7.5	158.3
March	60.1	4.4	8.6	26.5	6.4	13.9	16.2	2.7	2.8	9.3	3.3	1.7	6.5	8.9	7.9	179.2
April	55.2	3.8	8.5	24.1	5.4	13.7	17.1	2.9	2.6	8.9	3.0	1.4	5.9	7.6	7.3	167.4
May	57.4	4.3	9.1	23.9	5.4	15.3	19.2	3.1	2.6	11.6	3.7	1.7	6.5	8.2	7.9	180.1
June	56.0	3.9	9.7	23.9	5.0	14.7	18.4	3.1	2.4	9.9	3.3	1.6	6.4	8.1	6.8	173.1
July	54.3	3.9	9.4	23.4	4.9	13.1	15.5	2.7	2.3	10.0	3.4	1.7	6.9	7.9	6.8	166.2
August	59.8	4.4	9.7	22.6	4.8	13.1	17.3	2.5	2.9	10.5	3.8	2.0	7.1	8.6	7.5	176.6
September	55.4	4.2	10.4	23.6	5.4	11.7	16.5	2.7	3.1	10.1	2.9	1.8	7.0	7.8	8.1	170.6
October	57.3	4.8	11.2	24.8	6.1	13.1	17.6	2.6	3.1	9.7	3.2	2.0	7.5	8.4	8.8	180.0
November	61.2	4.3	11.1	26.2	5.8	13.6	21.1	2.7	3.5	10.9	3.6	1.7	8.0	8.9	8.8	191.5
December	68.2	5.4	12.2	31.6	7.0	16.5	35.8	4.0	6.3	14.1	3.8	1.6	7.5	10.8	11.6	236.2
Standard error (b) of																
Level	1.9	0.9	1.7	3.4	0.9	1.8	0.0	0.3	0.4	0.8	0.3	0.2	0.9	1.5	1.3	5.3
Change	0.6	0.4	0.5	0.9	0.5	0.8	0.0	0.2	0.2	0.2	0.2	0.1	1.3	1.3	0.7	2.6
TREND ESTIMATES(c)																
\$ million																
1990 —																
July	58.0	4.2	9.9	25.3	n.p.	14.4	18.7	2.9	3.0	10.0	3.4	1.8	6.9	8.7	n.p.	180.6
August	58.0	4.2	10.3	25.2	n.p.	14.1	18.7	2.9	3.1	10.2	3.3	1.8	7.1	8.7	n.p.	181.3
September	58.1	4.3	10.6	25.1	n.p.	13.7	18.8	2.9	3.2	10.3	3.3	1.8	7.2	8.7	n.p.	181.6
October	58.2	4.4	10.8	25.0	n.p.	13.2	18.9	2.9	3.2	10.5	3.3	1.7	7.2	8.6	n.p.	181.5
November	58.5	4.4	11.0	24.8	n.p.	12.6	19.0	2.9	3.2	10.5	3.2	1.6	7.2	8.5	n.p.	180.9
December	58.7	4.5	11.1	24.6	n.p.	12.1	19.1	2.9	3.2	10.6	3.2	1.6	7.1	8.4	n.p.	180.1
percentage change from preceding month																
1990 —																
July	0.0	0.0	3.1	0.0	n.p.	0.0	0.5	3.6	3.4	1.0	0.0	5.9	3.0	0.0	n.p.	0.5
August	0.0	0.0	4.0	-0.4	n.p.	-2.1	0.0	0.0	3.3	2.0	-2.9	0.0	2.9	0.0	n.p.	0.4
September	0.2	2.4	2.9	-0.4	n.p.	-2.8	0.5	0.0	3.2	1.0	0.0	0.0	1.4	0.0	n.p.	0.2
October	0.2	2.3	1.9	-0.4	n.p.	-3.6	0.5	0.0	0.0	1.9	0.0	-5.6	0.0	-1.1	n.p.	-0.1
November	0.5	0.0	1.9	-0.8	n.p.	-4.5	0.5	0.0	0.0	0.0	-3.0	-5.9	0.0	-1.2	n.p.	-0.3
December	0.3	2.3	0.9	-0.8	n.p.	-4.0	0.5	0.0	0.0	1.0	0.0	0.0	-1.4	-1.2	n.p.	-0.4

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	AUSTRALIAN CAPITAL TERRITORY											Total				
	Grocers, confectioners, tobacco- onists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Footwear stores	Domestic hardware stores, jewellers	Elec- trical goods stores	Furni- ture stores		Floor cover- ings stores	Pharma- cies	News- agents	Other stores
1989 —	ORIGINAL \$ million															
October	31.8	2.2	6.4	13.4	6.3	10.1	14.9	1.9	3.5	6.7	3.2	1.3	4.7	4.3	7.7	118.3
November	31.8	2.1	6.2	13.6	6.7	10.3	20.5	1.5	4.1	7.2	3.1	1.4	4.9	4.3	6.8	124.6
December	35.1	2.4	7.3	15.4	7.3	11.9	34.3	2.0	6.8	8.3	4.7	1.5	5.2	5.8	9.2	157.2
1990 —																
January	30.2	1.9	7.1	11.9	6.7	8.0	15.4	1.8	3.3	6.6	3.9	1.2	4.1	4.1	6.4	112.7
February	30.8	2.0	6.0	10.7	6.4	6.6	12.6	1.4	3.1	6.4	3.8	1.2	3.8	5.2	5.8	105.9
March	32.4	2.0	6.9	13.4	7.5	8.4	16.2	1.7	3.0	7.2	4.0	1.4	4.4	5.1	6.6	120.2
April	31.1	2.0	6.5	12.6	7.1	10.0	17.1	2.0	3.3	6.8	5.1	1.3	3.6	4.2	5.6	118.4
May	33.1	2.0	6.7	13.6	7.5	11.0	18.8	2.0	3.6	9.1	4.7	1.6	3.9	4.6	5.9	128.1
June	34.1	1.8	6.3	13.9	7.7	11.0	18.9	2.0	3.4	7.7	5.5	1.7	3.7	4.6	5.9	128.2
July	33.5	1.7	6.5	13.7	8.2	11.0	17.6	1.9	3.0	7.3	4.6	1.7	3.9	4.4	6.3	125.2
August	36.0	1.8	6.1	14.2	7.7	9.9	16.9	1.9	3.0	7.6	5.1	1.6	4.0	5.0	6.0	127.0
September	33.6	1.8	6.6	14.8	9.8	9.0	16.9	1.9	3.2	6.9	4.5	1.8	4.0	4.2	6.4	125.3
October	35.0	1.9	6.8	14.9	8.8	9.0	18.0	2.0	3.3	7.6	5.2	1.5	4.4	4.9	6.9	130.3
November	36.4	1.8	6.6	15.6	9.2	9.1	21.0	2.0	3.7	7.2	5.3	1.6	4.5	5.2	7.0	136.2
December	40.5	1.8	8.0	18.4	9.0	12.5	36.7	2.6	6.3	8.9	5.2	1.6	4.5	6.2	8.4	170.3
Standard error (b) of																
Level	1.3	0.3	1.3	2.1	1.6	0.7	0.0	0.1	0.2	0.6	0.5	0.1	0.4	0.6	1.1	3.7
Change	0.5	0.1	1.3	1.2	0.6	0.3	0.0	0.0	0.1	0.3	0.3	0.1	0.3	0.3	0.7	2.2
TREND ESTIMATES (c)																
\$ million																
1990 —																
July	34.3	1.8	6.3	14.1	n.p.	9.9	19.4	2.0	3.9	7.4	5.0	1.5	3.9	4.7	n.p.	128.7
August	34.7	1.7	6.2	14.3	n.p.	9.8	19.6	2.1	3.7	7.3	4.9	1.6	3.9	4.8	n.p.	129.5
September	35.0	1.7	6.3	14.5	n.p.	9.7	19.6	2.1	3.5	7.2	4.8	1.6	4.0	4.9	n.p.	130.0
October	35.3	1.7	6.5	14.7	n.p.	9.6	19.5	2.2	3.3	7.2	4.8	1.6	4.0	4.9	n.p.	130.2
November	35.5	1.7	6.7	14.9	n.p.	9.6	19.3	2.2	3.2	7.2	4.8	1.6	4.1	4.9	n.p.	130.4
December	35.7	1.8	6.9	15.1	n.p.	9.6	19.1	2.2	3.0	7.2	4.7	1.6	4.1	4.9	n.p.	130.2
percentage change from preceding month																
1990 —																
July	1.5	-5.3	-3.1	1.4	n.p.	1.0	1.6	5.3	-2.5	-1.3	0.0	0.0	0.0	0.0	n.p.	0.9
August	1.2	-5.6	-1.6	1.4	n.p.	-1.0	1.0	5.0	-5.1	-1.4	-2.0	6.7	0.0	2.1	n.p.	0.6
September	0.9	0.0	1.6	1.4	n.p.	-1.0	0.0	0.0	-5.4	-1.4	-2.0	0.0	2.6	2.1	n.p.	0.4
October	0.9	0.0	3.2	1.4	n.p.	-1.0	-0.5	4.8	-5.7	0.0	0.0	0.0	0.0	0.0	n.p.	0.2
November	0.6	0.0	3.1	1.4	n.p.	0.0	-1.0	0.0	-3.0	0.0	0.0	0.0	2.5	0.0	n.p.	0.2
December	0.6	5.9	3.0	1.3	n.p.	0.0	-1.0	0.0	-6.3	0.0	-2.1	0.0	0.0	0.0	n.p.	-0.2

(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 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>1989 —</i>						
October	45.3	-0.9	21.0	-5.0	66.4	-2.1
November	44.3	-2.2	22.1	5.2	66.5	0.2
December	46.1	4.1	31.7	43.4	78.0	17.3
<i>1990 —</i>						
January	41.0	-11.1	18.6	-41.3	59.5	-23.7
February	40.5	-1.2	17.4	-6.5	57.9	-2.7
March	45.0	11.1	21.2	21.8	66.1	14.2
April	44.9	-0.2	20.4	-3.8	65.2	-1.4
May	49.1	9.4	23.6	15.7	72.5	11.2
June	50.3	2.4	24.3	3.0	74.5	2.8
July	53.8	7.0	25.2	3.7	79.0	6.0
August	54.6	1.5	26.0	3.2	80.5	1.9
September	51.4	-5.9	24.9	-4.2	76.3	-5.2
October	51.8	0.8	25.8	3.6	77.5	1.6
November	49.2	-5.0	25.6	-0.8	74.8	-3.5
December	50.3	2.2	33.8	32.0	84.1	12.4
<i>Standard error (c) of</i>						
Level	1.3		0.9		1.6	
Change	0.7		0.7		0.9	

(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 in-scope 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 \$1922.1 million (25.7 per cent) in the total value of turnover between December 1990 and November 1990 has a standard error of about \$44.1 million (0.6 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 \$1878.0 million to \$1966.2 million (25.1 per cent to 26.3 per cent) and nineteen chances in twenty that the change would be within \$1833.9 million to \$2010.3 million (24.5 per cent to 26.9 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 January 1991 seasonally adjusted result shows a +1.0% movement, then the trend movement would be 0.0% for January, and -0.1% for December and November. A -1.0% movement would return a trend movement of -0.3% for January, December and November.

25. Users may wish to refer to the ABS Information Papers *A Guide to Smoothing Time Series - Estimates of*

'Trend' (1316.0) and *Time Series Decomposition - An Overview* (1317.0) for more detailed information on smoothing seasonally adjusted time series data.

#### Coverage adjustment

26. 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 operation. A major source of information on new businesses is group employer (GE) registrations with the Australian Tax Office. The ABS is developing 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 undertaking an analysis to identify businesses which have been omitted from the register in the past. During the time these improvements to the register are being implemented, it has been necessary to temporarily suspend updating the register from GE registrations. New GE businesses will be represented in the survey result for the period June to February 1991 by including a small allowance (a 'new business provision') which is based on analysis of the contribution of such units in previous periods and taking current changes to economic conditions into consideration. When the improvements to the business register have been completed in 1991 the series in this publication may be revised to correct any deficiencies in the new business provision for surveys from June to February 1991, using information that will then be available concerning new GE businesses.

#### Related publications

27. 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

#### Electronic services

DISCOVERY. Key \*656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service. For further information phone the AUSSTATS Help Desk on (06) 252 6017.

TELESTATS. This service provides:

- foreign trade statistics tailored to users' requirements. Further information is available on (06) 252 5404.
- text and tables for selected Main Economic Indicator publications. Further information is available on (06) 252 5405.

#### Floppy disk service

Selected ABS services are available on floppy disk. Further information is available on (06) 252 6684.

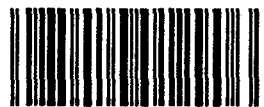
**W. McLENNAN**  
Acting Australian Statistician

-6 APR 1991

~~18 MAR 1991~~

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**Recommended retail price: \$10.00**



**2085010012906**

ISSN 1032-3651

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CATALOGUE NO. 8501.0  
EMBARGOED UNTIL 11.30 A.M. 28 FEBRUARY 1991

**RETAIL TRADE  
AUSTRALIA, DECEMBER 1990 Supplement**

**PHONE INQUIRIES**

- *about these statistics and the availability of related unpublished statistics* — contact Bill Powell on Canberra (06) 252 6132 or any ABS State office.
- *about the constant price estimates* — contact Mr Allan Tryde on Canberra (06) 252 6801.
- *about other statistics and ABS services* — contact Information Services on Canberra (06) 252 6627, 252 5402, 252 6007 or any ABS State office.

**MAIL INQUIRIES**

- *write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616* or any ABS State office.

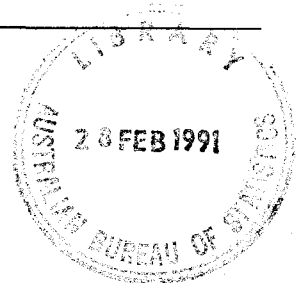
**ELECTRONIC SERVICES**

- on **DISCOVERY** — key \*656#.
- on **AUSSTATS** — phone (06) 252 6017.
- on **TELESTATS** — phone (06) 252 5404 Foreign Trade statistics inquiries, (06) 252 5405 Main Economic Indicator inquiries.

**Note:** This release presents the constant price data normally included in the Retail Trade, Australia publication (catalogue 8501.0). Because of the improved timeliness of the Monthly Retail Trade survey the constant price data were not available at the time the December release of Retail Trade, Australia went to print and is now being made available as a special release for users of these statistics. Table 1 from the current release has been reproduced in this special release to assist interpretation and analysis.

**SUMMARY OF FINDINGS**

**CHART 1: TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS, AUSTRALIA, QUARTERLY PERCENTAGE CHANGES CONSTANT PRICES, SEASONALLY ADJUSTED**



After allowing for price changes, seasonally adjusted retail turnover in the December 1990 quarter fell by 1.6 per cent over the September 1990 quarter. This was the third quarter of decline in 1990 and is the largest quarterly decline since June 1983. Compared to the December 1989 quarter, the decline is also 1.6 per cent. The decline is evident in a number of industries, notably

*December quarter 1990 over*

	<i>December quarter 1989</i>	<i>September quarter 1990</i>
Hardware stores, jewellers	-11.7	-9.1
Furniture stores	-12.7	-7.5
Newsagents	-9.4	-8.6

On the other hand a number of industries show increases, notably

*December quarter 1990 over*

	<i>December quarter 1989</i>	<i>September quarter 1990</i>
Grocers, confectioners, tobacconists	+4.0	+1.1
Footwear stores	+0.8	+2.6
Pharmacies	+4.9	+0.7

New South Wales, Victoria, Western Australia and Tasmania all recorded declines of around 2 per cent compared to the September 1990 quarter. Comparing the December 1990 quarter to the December 1989 quarter, the State results vary from a decrease of 6.8 per cent in Victoria to an increase of 3.7 per cent in the Australian Capital Territory.

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	% change from corresponding month of previous year		
1989 —								
October	6,722.0	-0.1	8.7	6,816.4	-0.9	6,879.9	0.6	10.0
November	7,198.5	7.1	10.7	6,944.2	1.9	6,913.0	0.5	9.4
December	9,364.9	30.1	6.6	6,940.7	-0.1	6,944.2	0.5	8.7
1990 —								
January	6,681.7	-28.7	8.9	6,981.4	0.6	6,976.4	0.5	8.2
February	6,153.7	-7.9	8.3	7,007.1	0.4	7,001.3	0.4	7.7
March	6,914.1	12.4	7.0	6,993.1	-0.2	7,018.1	0.2	7.2
April	6,617.6	-4.3	6.5	7,083.5	1.3	7,033.5	0.2	6.7
May	7,014.9	6.0	7.9	7,014.1	-1.0	7,050.6	0.2	6.2
June	6,873.2	-2.0	5.0	7,092.3	1.1	7,073.4	0.3	5.7
July	6,687.2	-2.7	3.8	7,003.8	-1.2	7,095.6	0.3	5.2
August	6,986.3	4.5	6.5	7,180.4	2.5	7,113.1	0.2	4.7
September	6,792.3	-2.8	0.9	7,184.8	0.1	7,122.6	0.1	4.1
October	7,147.6	5.2	6.3	7,089.9	-1.3	7,124.5	0.0	3.6
November	7,473.0	4.6	3.8	7,127.6	0.5	7,120.7	-0.1	3.0
December	9,395.1	25.7	0.3	7,064.8	-0.9	7,109.9	-0.2	2.4
Standard error (c) of								
Latest month	85.2							
Change from previous month	44.1	0.6						

(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						
1989 —						
December	23,285.4	18.0	8.4	20,701.3	1.3	9.5
1990 —						
March	19,749.5	-15.2	8.1	20,981.6	1.4	7.0
June	20,505.7	3.8	6.4	21,189.9	1.0	6.7
September	20,465.8	-0.2	3.7	21,369.0	0.8	4.6
December	24,015.7	17.3	3.1	21,282.3	-0.4	2.8
AT CONSTANT (AVERAGE 1984-85) PRICES						
1989 —						
December	16,694.6	16.9	2.7	14,853.9	0.3	3.7
1990 —						
March	14,014.2	-16.1	2.4	14,841.4	-0.1	1.4
June	14,299.0	2.0	1.1	14,796.0	-0.3	1.4
September	14,212.9	-0.6	-0.5	14,857.7	0.4	0.4
December	16,479.6	15.9	-1.3	14,619.5	-1.6	-1.6

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





TABLE 4. 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									
1989 —									
December	6,036.9	4,254.8	2,775.1	1,304.5	1,472.7	406.7	149.9	294.0	16,694.6
1990 —									
March	5,025.3	3,548.0	2,378.5	1,107.7	1,223.0	354.6	131.1	245.9	14,014.2
June	5,174.6	3,498.9	2,424.8	1,152.3	1,268.1	363.3	148.8	268.2	14,299.0
September	5,208.7	3,381.5	2,461.2	1,136.8	1,237.0	355.9	163.9	267.9	14,212.9
December	6,046.3	3,967.7	2,800.0	1,350.6	1,431.2	414.8	161.4	307.7	16,479.6
SEASONALLY ADJUSTED ESTIMATES \$ million									
1989 —									
December	5,342.3	3,751.4	2,497.2	1,172.4	1,322.4	363.6	n.p.	264.5	14,853.9
1990 —									
March	5,344.9	3,736.4	2,526.1	1,175.2	1,282.4	370.9	n.p.	267.2	14,841.4
June	5,372.7	3,634.7	2,529.9	1,184.5	1,303.8	375.2	n.p.	273.7	14,796.0
September	5,443.9	3,568.6	2,502.2	1,180.4	1,302.1	377.4	n.p.	274.7	14,857.7
December	5,328.8	3,497.9	2,518.9	1,210.9	1,276.6	368.8	n.p.	274.4	14,619.5
percentage change from preceding quarter									
1989 —									
December	0.5	0.5	0.7	1.1	0.4	-0.3	n.p.	0.4	0.3
1990 —									
March	0.0	-0.4	1.2	0.2	-3.0	2.0	n.p.	1.0	-0.1
June	0.5	-2.7	0.2	0.8	1.7	1.2	n.p.	2.5	-0.3
September	1.3	-1.8	-1.1	-0.3	-0.1	0.6	n.p.	0.3	0.4
December	-2.1	-2.0	0.7	2.6	-2.0	-2.3	n.p.	-0.1	-1.6
percentage change from corresponding quarter of previous year									
1989 —									
December	5.9	0.0	5.1	0.2	5.9	3.5	n.p.	0.3	3.7
1990 —									
March	2.8	-0.5	4.6	0.0	0.0	1.8	n.p.	1.9	1.4
June	1.7	-2.7	2.9	2.6	2.1	4.4	n.p.	7.1	1.4
September	2.4	-4.4	0.9	1.8	-1.1	3.4	n.p.	4.3	0.4
December	-0.3	-6.8	0.9	3.3	-3.5	1.4	n.p.	3.7	-1.6

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

