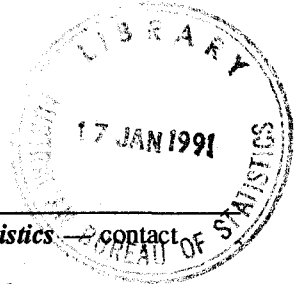


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RETAIL TRADE AUSTRALIA, NOVEMBER 1990

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- about these statistics and the availability of related unpublished statistics — contact Bill Powell on Canberra (06) 252 6132 or any ABS State office.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.

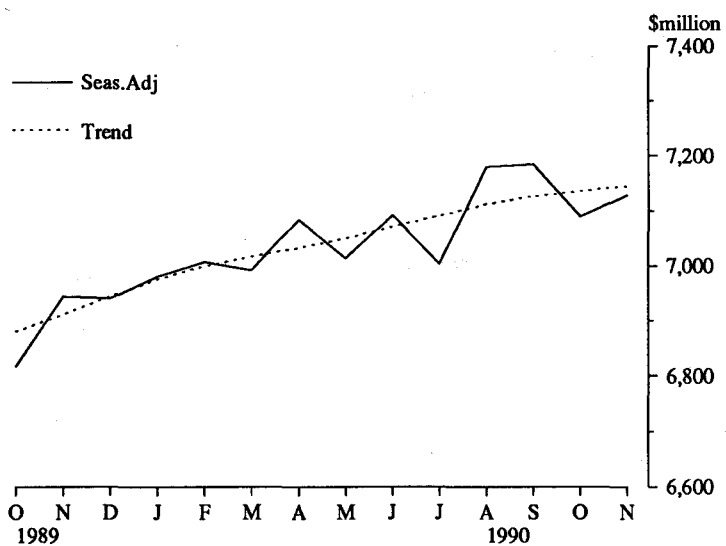
ELECTRONIC SERVICES

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

Trend estimates for the most recent months may be revised as data for subsequent months become available. For example, if the December seasonally adjusted estimate shows a 1.0 per cent rise, then the movement in the trend estimate for December would be 0.1 per cent. November and October would both be revised upwards by 0.1 percentage points. A 1.0 per cent fall in the seasonally adjusted estimate would produce a movement in the trend estimate for December of -0.2 per cent, and November and October would be revised downwards by 0.2 and 0.1 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



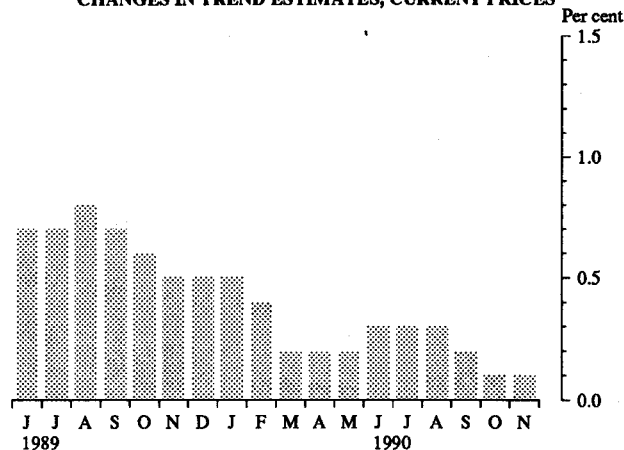
Australian estimates

Turnover for retail (excluding motor vehicle dealers, service stations, etc.) and selected service establishments covered by the survey continues to show weak growth, with trend estimates averaging growth of 0.1 per cent per month for the 3 months ending November.

The trend estimates show average monthly growth over the past 12 months of 0.3 per cent and this continues the slowing in the growth rate which has been evident for the past year. The annual rate of growth (November 1990 on November 1989) is 3.4 per cent.

In seasonally adjusted terms, turnover for November rose by 0.5% over October 1990. In original terms, estimated retail and selected service establishment turnover rose 4.6 per cent in November to \$7,473.0 million.

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



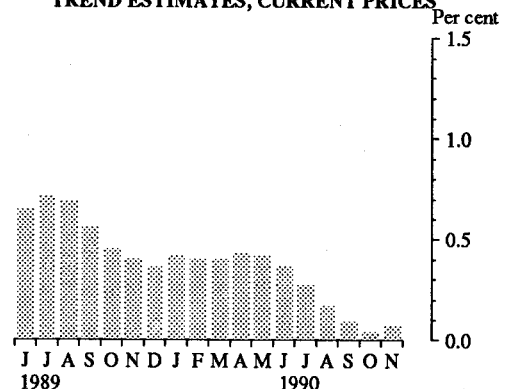
Industry trends

The grocery industry continues to show moderate growth. Hotels, liquor stores and licensed clubs along with Department and general stores are now exhibiting weak growth. The other major industry, Clothing and fabric stores, is showing virtually no growth. Of the smaller industries in the survey Pharmacies continues to show strong growth while for the remainder, turnover is in decline. In summary:

PERCENTAGE CHANGE IN TREND ESTIMATES OF TURNOVER

Industry	Average monthly increase for 3 months to November 1990	Average monthly increase for 12 months to November 1990
Grocers	0.6	0.7
Hotels, liquor stores, licensed clubs	0.3	0.4
Department and general stores	0.4	0.3
Clothing and fabrics stores	-0.1	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 0.1 per cent per month over the last 3 months. Over the past year (November 1990 over November 1989) the *retail* industries have shown growth in turnover of 3.9 per cent, which is about the same as the all industries growth rate over the same period.

State trends

South Australia retail trade averaged 1.3 per cent growth per month over the last 3 months. As was the case in October this growth could be partially due to the staging of the Australian Grand Prix.

Victoria and Western Australia showed declining turnover with both averaging a decrease of 0.3 per cent over the last 3 months.

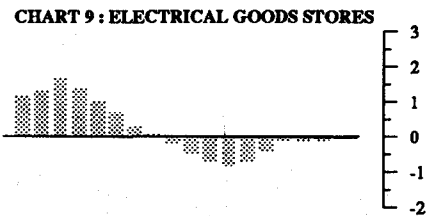
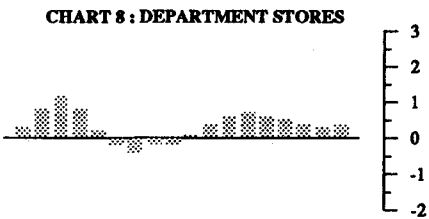
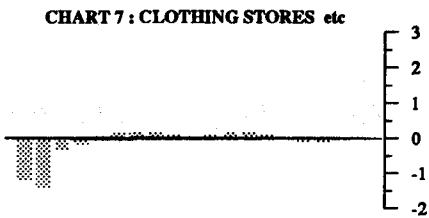
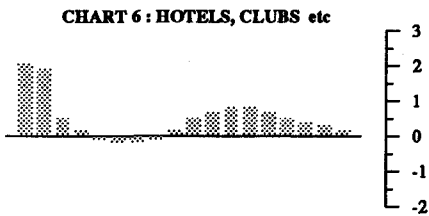
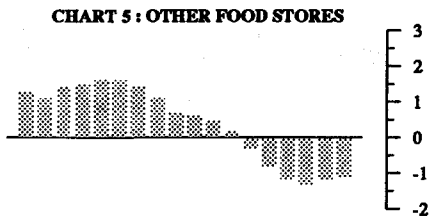
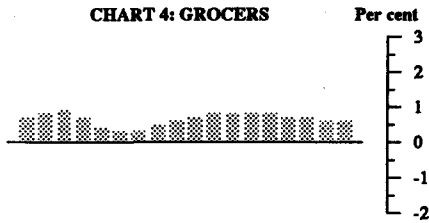
Growth in New South Wales is weakening with average growth over the last 3 months down to 0.2 per cent.

The remaining States are showing weak growth in turnover for retail and selected service industries.

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

TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS, AUSTRALIA

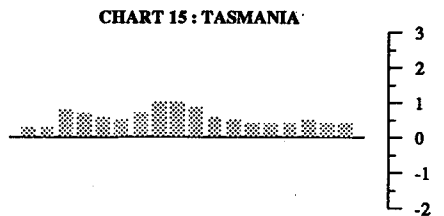
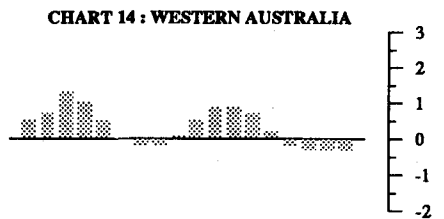
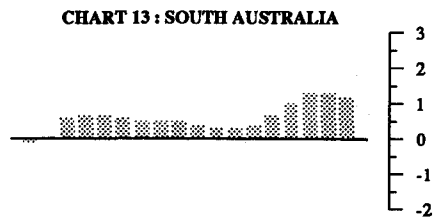
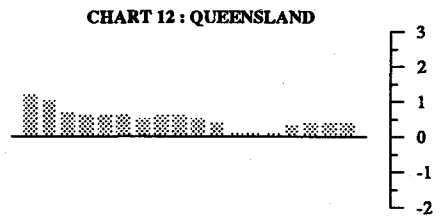
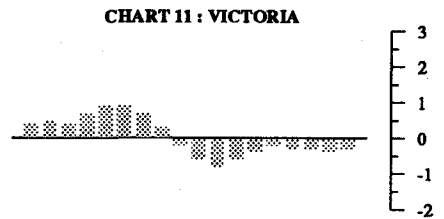
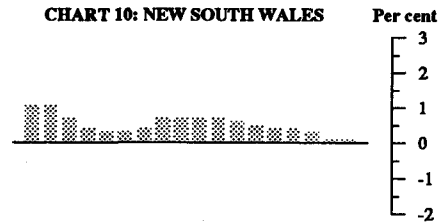
TREND ESTIMATES, MONTHLY CHANGES CURRENT PRICES, SELECTED INDUSTRIES
 Percentage change from preceding month



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

TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS

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



J J A S O N D J F M A M J J A S O N
 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 —								
September	6,729.2	2.6	10.3	6,878.9	1.6	6,841.6	0.7	10.4
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	7,071.4	0.3	5.7
July	6,687.2	-2.7	3.8	7,003.8	-1.2	7,092.3	0.3	5.2
August	6,986.3	4.5	6.5	7,180.4	2.5	7,111.5	0.3	4.6
September	6,792.3	-2.8	0.9	7,184.8	0.1	7,126.7	0.2	4.2
October	7,147.6	5.2	6.3	7,089.9	-1.3	7,136.6	0.1	3.7
November	7,473.0	4.6	3.8	7,127.6	0.5	7,145.5	0.1	3.4
Standard error (c) of								
Latest month	66.8							
Change from previous month	22.7	0.3						

(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 —						
September	19,729.0	2.4	10.7	20,437.3	2.9	11.1
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 —						
September	14,279.9	0.9	4.6	14,805.2	1.4	5.0
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 3. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,
MONTHLY ESTIMATES BY INDUSTRY, AT CURRENT PRICES, AUSTRALIA (a)

Month	Grocers, confectioners, tobacconists		Hotels, liquor stores, licensed clubs		Cafes and restaurants		Clothing and fabrics stores		Department general stores		Domestic hardware stores, jewellers		Electrical goods stores		Furniture stores		Floor coverings stores		Pharmacies		News-agents		Other stores		Total	
	Butchers	Other food stores	Other food stores	liquor stores, licensed clubs	Cafes and restaurants	Clothing and fabrics stores	Department general stores	Department general stores	Domestic hardware stores, jewellers	Electrical goods stores	Furniture stores	Floor coverings stores	Pharmacies	News-agents	Other stores	Total										
1989 —																										
September	1,889.4	168.2	430.4	912.0	321.6	499.9	745.2	89.9	203.2	409.5	142.7	62.8	268.1	244.3	342.2	6,729.2										
October	1,841.4	164.7	458.1	917.2	319.1	508.0	739.3	90.2	216.4	411.9	151.2	58.5	264.7	244.5	336.8	6,722.0										
November	1,928.8	167.3	457.6	950.9	327.2	549.2	908.4	95.8	257.0	437.0	165.0	66.8	280.6	249.0	357.9	7,198.5										
December	2,249.0	213.8	500.8	1,193.3	412.0	727.3	1,544.1	116.6	408.8	590.5	176.0	61.5	350.1	300.7	520.7	9,364.9										
1990 —																										
January	1,878.3	172.3	492.1	944.5	341.8	459.0	667.2	97.7	196.5	400.8	141.1	49.5	263.6	254.2	323.1	6,681.7										
February	1,814.1	166.3	429.2	849.6	308.6	385.7	576.4	74.5	179.1	374.9	130.6	53.3	244.3	262.4	304.8	6,153.7										
March	2,034.1	188.0	466.6	932.8	348.9	461.3	715.1	87.5	196.8	405.9	146.0	59.5	279.4	256.9	335.3	6,914.1										
April	1,895.2	172.7	452.9	896.5	323.3	493.4	731.8	95.0	174.8	387.5	131.2	52.2	268.9	228.2	314.0	6,617.6										
May	1,982.8	185.1	451.8	884.6	324.0	557.6	801.9	100.0	191.9	441.0	151.1	62.5	296.0	252.0	332.6	7,014.9										
June	1,963.1	194.5	457.8	876.0	308.1	518.5	821.1	103.6	173.3	423.3	148.3	62.7	272.3	237.0	313.7	6,873.2										
July	1,914.1	186.5	454.9	889.8	319.8	503.2	700.6	91.6	172.7	404.5	151.6	56.3	276.0	245.1	320.7	6,687.2										
August	2,066.0	191.2	460.4	905.9	320.9	492.3	749.0	84.6	181.2	423.3	146.5	62.5	299.4	264.3	339.0	6,986.3										
September	1,943.2	180.2	432.5	937.9	334.2	490.4	737.0	93.5	181.7	384.6	141.1	59.3	303.5	234.0	339.1	6,792.3										
October	2,056.4	184.4	458.7	965.5	326.6	527.6	782.1	93.2	198.3	411.2	155.4	64.2	327.7	237.8	358.6	7,147.6										
November	2,141.6	181.4	455.7	995.0	337.1	554.7	922.8	94.0	222.2	426.7	155.4	64.2	311.9	242.1	368.2	7,473.0										
Standard error (b) of Level	22.8	11.1	21.9	35.1	17.9	20.6	0.0	4.0	8.1	13.9	6.9	3.6	22.9	14.3	17.4	66.8										
Change	5.6	2.1	4.5	9.0	7.1	6.8	0.0	0.9	2.9	5.0	2.1	1.5	12.3	4.9	8.0	22.7										
ORIGINAL \$ million																										
TREND ESTIMATES (c) \$ million																										
1989 —																										
September	1,897.0	167.9	435.1	922.4	n.p.	510.1	805.4	92.5	223.6	422.8	142.7	59.1	263.8	251.1	n.p.	6,841.6										
October	1,905.4	169.0	442.2	921.5	n.p.	509.9	807.4	93.2	219.4	427.1	144.9	58.9	267.3	250.3	n.p.	6,879.9										
November	1,911.4	172.1	449.2	919.4	n.p.	510.8	806.1	94.1	216.0	430.0	147.2	58.9	270.4	250.1	n.p.	6,913.0										
December	1,917.7	176.2	455.3	917.7	n.p.	511.7	803.2	95.0	213.1	431.4	148.6	58.7	273.9	250.7	n.p.	6,944.2										
1990 —																										
January	1,927.4	180.2	460.2	917.2	n.p.	512.8	801.5	95.6	210.7	431.8	149.4	58.9	277.6	251.8	n.p.	6,976.4										
February	1,939.4	183.5	463.6	918.8	n.p.	513.3	799.9	95.3	209.6	431.1	149.8	59.4	281.4	253.0	n.p.	7,001.3										
March	1,953.6	185.8	466.3	923.1	n.p.	513.5	800.3	94.4	209.4	429.1	150.0	59.7	284.3	254.2	n.p.	7,018.1										
April	1,969.7	187.1	468.6	929.8	n.p.	514.2	803.6	93.6	210.0	426.2	150.1	59.7	286.0	255.2	n.p.	7,033.5										
May	1,985.8	187.6	469.5	937.7	n.p.	515.1	808.8	93.4	210.7	422.7	150.2	59.6	287.6	255.8	n.p.	7,050.6										
June	2,002.0	187.5	468.0	945.5	n.p.	515.9	814.6	93.6	210.6	419.7	150.0	59.4	289.9	255.6	n.p.	7,071.4										
July	2,017.2	187.0	464.1	951.9	n.p.	516.6	819.3	94.0	209.2	418.0	149.1	59.2	293.3	254.8	n.p.	7,092.3										
August	2,031.3	186.0	458.7	957.0	n.p.	516.4	823.3	94.2	206.6	417.4	147.4	58.8	297.8	253.4	n.p.	7,111.5										
September	2,045.0	184.7	452.7	960.9	n.p.	515.7	826.6	94.2	203.3	416.9	145.3	58.4	302.9	250.7	n.p.	7,126.7										
October	2,057.6	183.5	447.1	963.5	n.p.	515.0	829.0	94.0	199.7	416.3	143.1	58.1	307.4	247.6	n.p.	7,136.6										
November	2,069.2	182.5	442.2	965.8	n.p.	515.1	832.7	93.9	196.1	416.4	141.0	57.7	311.3	244.2	n.p.	7,145.5										

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, tobacconists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and restaurants	Clothing and fabrics stores	Departmental and general stores	Footwear stores	Domestic hardware stores, jewellers	Electrical goods stores	Furniture stores	Floor coverings stores	Pharmacies	Newsagents	Other stores	Total
percentage change from preceding month																
1989 —																
September	0.7	-0.4	1.5	0.2	n.p.	-0.2	0.8	0.8	-2.0	1.4	0.8	-0.7	1.4	-0.4	n.p.	0.7
October	0.4	0.7	1.6	-0.1	n.p.	0.0	0.2	0.8	-1.9	1.0	1.5	-0.3	1.3	-0.3	n.p.	0.6
November	0.3	1.8	1.6	-0.2	n.p.	0.2	-0.2	1.0	-1.5	0.7	1.6	0.0	1.2	-0.1	n.p.	0.5
December	0.3	2.4	1.4	-0.2	n.p.	0.2	-0.4	1.0	-1.3	0.3	1.0	-0.3	1.3	0.2	n.p.	0.5
1990 —																
January	0.5	2.3	1.1	-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	0.3	0.8	1.4	0.5	n.p.	0.4
March	0.7	1.3	0.6	0.5	n.p.	0.0	0.1	-0.9	-0.1	-0.5	0.1	0.5	1.0	0.5	n.p.	0.2
April	0.8	0.7	0.5	0.7	n.p.	0.1	0.4	-0.8	0.3	-0.7	0.1	0.0	0.6	0.4	n.p.	0.2
May	0.8	0.3	0.2	0.8	n.p.	0.2	0.6	-0.2	0.3	-0.8	0.1	-0.2	0.6	0.2	n.p.	0.2
June	0.8	-0.1	-0.3	0.8	n.p.	0.2	0.7	0.2	0.0	-0.7	-0.1	-0.3	0.8	-0.1	n.p.	0.3
July	0.8	-0.3	-0.8	0.7	n.p.	0.1	0.6	0.4	-0.7	-0.4	-0.6	-0.3	1.2	-0.3	n.p.	0.3
August	0.7	-0.5	-1.2	0.5	n.p.	0.0	0.5	0.2	-1.2	-0.1	-1.1	-0.7	1.5	-0.5	n.p.	0.3
September	0.7	-0.7	-1.3	0.4	n.p.	-0.1	0.4	0.0	-1.6	-0.1	-1.4	-0.7	1.7	-1.1	n.p.	0.2
October	0.6	-0.6	-1.2	0.3	n.p.	-0.1	0.3	-0.2	-1.8	-0.1	-1.5	-0.5	1.5	-1.2	n.p.	0.1
November	0.6	-0.5	-1.1	0.2	n.p.	0.0	0.4	-0.1	-1.8	0.0	-1.5	-0.7	1.3	-1.4	n.p.	0.1

Month	TREND ESTIMATES (c)															
	percentage change from corresponding month of previous year															
1989 —																
September	11.4	8.3	11.5	11.3	n.p.	-3.1	5.9	11.7	7.1	20.9	4.4	-4.4	13.5	17.3	n.p.	10.4
October	10.5	6.6	13.6	11.7	n.p.	-3.7	5.3	12.6	4.1	20.7	6.9	-5.2	14.0	14.8	n.p.	10.0
November	9.4	6.6	15.3	11.8	n.p.	-4.2	4.5	13.8	1.0	19.5	9.0	-4.5	14.5	12.1	n.p.	9.4
December	8.4	7.6	16.4	11.3	n.p.	-4.7	4.1	15.3	-2.6	17.5	9.4	-3.6	15.1	9.5	n.p.	8.7
1990 —																
January	7.9	8.6	16.7	10.3	n.p.	-4.9	4.3	16.6	-6.2	15.3	8.7	-1.7	15.5	7.5	n.p.	8.2
February	7.8	9.0	16.4	8.9	n.p.	-4.8	4.6	15.9	-8.9	13.2	7.5	0.7	15.9	5.8	n.p.	7.7
March	8.0	9.1	15.5	7.2	n.p.	-4.2	4.9	13.1	-10.6	11.1	6.3	2.2	15.8	4.7	n.p.	7.2
April	8.2	9.0	14.6	5.8	n.p.	-3.0	5.0	9.3	-11.1	9.0	5.6	2.2	15.3	3.8	n.p.	6.7
May	8.2	9.1	13.5	4.7	n.p.	-1.4	4.9	6.3	-10.9	6.7	5.5	1.2	14.8	2.9	n.p.	6.2
June	8.1	9.5	12.0	4.2	n.p.	0.0	4.5	4.5	-10.3	4.2	5.7	-0.2	14.4	2.0	n.p.	5.7
July	8.0	10.0	9.8	3.9	n.p.	0.8	3.8	3.4	-9.8	1.9	5.5	-0.8	14.3	1.1	n.p.	5.2
August	7.8	10.4	7.0	3.9	n.p.	1.0	3.1	2.6	-9.4	0.1	4.2	-1.2	14.5	0.5	n.p.	4.6
September	7.8	10.0	4.0	4.2	n.p.	1.1	2.6	1.8	-9.1	-1.4	1.8	-1.2	14.8	-0.2	n.p.	4.2
October	8.0	8.6	1.1	4.6	n.p.	1.0	2.7	0.9	-9.0	-2.5	-1.2	-1.4	15.0	-1.1	n.p.	3.7
November	8.3	6.0	-1.6	5.0	n.p.	0.8	3.3	-0.2	-9.2	-3.2	-4.2	-2.0	15.1	-2.4	n.p.	3.4

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

Quarter	Grocers,		Hotels,		Cafes		Clothing		Department		Domestic		Electrical		Furniture		Floor		Pharmacies		Newsagents		Total
	confectioners, tobaccos	Butchers	Other food stores	liquor stores, licensed clubs	and restaurants	fabrics stores	general stores	Footwear stores	hardware stores, jewellers	goods stores	stores	coverings stores	stores	agents	stores	agents	stores	agents	stores	agents	stores	agents	
ORIGINAL																							
\$ million																							
1989 —																							
September	4,043.4	377.0	801.9	1,861.5	678.6	1,042.0	1,577.8	191.7	456.2	1,034.5	306.7	126.2	584.6	495.6	702.3	14,279.9							
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	123.3	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	105.0	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	114.0	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	112.9	626.5	475.4	688.0	14,212.5							
SEASONALLY ADJUSTED ESTIMATES																							
\$ million																							
1989 —																							
September	4,111.4	378.7	821.4	1,952.9	n.p.	1,069.1	1,745.6	198.8	534.5	1,060.2	309.0	124.2	586.2	513.9	n.p.	14,805.2							
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	113.3	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	115.3	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	117.7	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	109.6	633.1	492.9	n.p.	14,857.7							
percentage change from preceding quarter																							
1989 —																							
September	1.6	-3.7	0.4	0.7	n.p.	-4.1	3.0	3.6	-3.5	4.6	-4.9	0.4	2.3	2.1	n.p.	1.4							
December	-0.1	0.1	7.2	-1.7	n.p.	-1.3	0.2	3.5	-7.1	1.8	3.4	-8.8	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	1.7	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	2.8	-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	-6.9	0.5	1.1	n.p.	0.4							
percentage change from corresponding quarter of previous year																							
1989 —																							
September	4.6	1.5	-2.4	4.9	n.p.	-9.1	1.6	7.0	8.0	18.5	-2.3	-4.7	10.2	19.6	n.p.	5.0							
December	2.2	-1.4	6.8	4.5	n.p.	-6.3	-0.2	10.1	-1.4	18.2	2.6	-13.0	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	-0.7	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	-4.8	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	-11.8	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	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
1989 —									
September	2,404.8	1,689.1	1,167.3	518.2	604.0	163.4	67.8	114.7	6,729.2
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
Standard error (b) of									
Level	51.8	30.9	22.9	12.1	11.2	4.7	1.5	3.1	66.8
Change	17.4	10.5	8.3	4.4	3.1	1.9	0.6	1.1	22.7
TREND ESTIMATES (c) \$ million									
1989 —									
September	2,438.5	1,741.6	1,155.1	534.1	613.2	168.8	n.p.	118.6	6,841.6
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	2,558.3	1,745.4	1,201.9	556.4	632.8	179.5	n.p.	127.5	7,071.4
July	2,568.6	1,741.7	1,203.7	560.4	633.9	180.3	n.p.	128.6	7,092.3
August	2,577.6	1,736.9	1,207.2	566.2	632.7	181.1	n.p.	129.5	7,111.5
September	2,584.3	1,730.9	1,211.9	573.4	630.8	182.0	n.p.	130.1	7,126.7
October	2,587.9	1,724.4	1,217.0	580.8	628.6	182.7	n.p.	130.4	7,136.6
November	2,591.0	1,719.6	1,221.5	587.8	626.7	183.4	n.p.	130.6	7,145.5

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

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 —									
September	0.4	0.7	0.6	0.7	1.0	0.7	n.p.	1.1	0.7
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	0.5	-0.4	0.1	0.4	0.7	0.4	n.p.	1.1	0.3
July	0.4	-0.2	0.1	0.7	0.2	0.4	n.p.	0.9	0.3
August	0.4	-0.3	0.3	1.0	-0.2	0.4	n.p.	0.7	0.3
September	0.3	-0.3	0.4	1.3	-0.3	0.5	n.p.	0.5	0.2
October	0.1	-0.4	0.4	1.3	-0.3	0.4	n.p.	0.2	0.1
November	0.1	-0.3	0.4	1.2	-0.3	0.4	n.p.	0.2	0.1
TREND ESTIMATES (c)									
percentage change from corresponding month of previous year									
1989 —									
September	14.1	5.5	10.2	6.6	14.2	10.3	n.p.	6.8	10.4
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	7.1	1.6	6.3	6.0	7.0	8.8	n.p.	11.4	5.7
July	6.5	1.1	5.6	6.3	5.8	8.5	n.p.	11.0	5.2
August	6.1	0.4	5.1	6.8	4.2	8.1	n.p.	10.4	4.6
September	6.0	-0.6	4.9	7.4	2.9	7.8	n.p.	9.7	4.2
October	5.8	-1.9	4.8	8.0	2.0	7.6	n.p.	9.0	3.7
November	5.6	-3.0	4.6	8.6	1.7	7.4	n.p.	8.4	3.4

(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
1989									
September	5,133.8	3,557.9	2,444.7	1,124.0	1,260.5	348.1	152.7	258.3	14,279.9
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 \$ million									
1989									
September	5,317.7	3,732.9	2,480.4	1,160.1	1,316.6	364.9	n.p.	263.4	14,805.2
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
percentage change from preceding quarter									
1989	0.6	0.0	0.9	0.4	3.1	1.5	n.p.	3.0	1.4
September	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									
September	8.9	0.5	3.3	1.8	9.8	5.1	n.p.	2.1	5.0
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, tobac- conists	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 —																	
September	568.4	67.9	152.4	412.5	120.8	169.1	268.9	33.4	71.6	130.6	56.4	19.8	109.1	99.6	124.2	2,404.8	
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	558.2	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	122.1	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	
Standard error (b) of																	
Level	15.1	8.0	16.0	29.3	13.6	15.5	0.0	3.4	6.2	8.6	4.0	2.4	20.1	11.2	13.2	51.8	
Change	2.9	1.9	2.3	7.2	3.7	4.6	0.0	0.7	1.9	2.2	1.7	0.6	11.0	4.3	6.8	17.4	
TREND ESTIMATES (c)																	
\$ million																	
1990 —																	
June	601.5	79.0	174.8	450.7	n.p.	179.8	290.6	35.5	71.5	135.4	55.2	20.0	119.7	104.4	n.p.	2,558.3	
July	609.7	79.1	170.6	457.2	n.p.	180.7	291.7	35.7	71.5	135.5	54.7	19.8	122.0	104.2	n.p.	2,568.6	
August	616.9	78.6	165.8	459.8	n.p.	182.5	292.0	35.6	70.6	136.7	54.1	19.8	125.6	103.4	n.p.	2,577.6	
September	623.0	77.8	161.4	460.5	n.p.	184.7	292.2	35.2	69.0	138.4	53.3	19.9	130.1	101.8	n.p.	2,584.3	
October	628.2	76.8	157.7	460.2	n.p.	186.9	292.5	34.8	67.1	140.1	52.6	20.1	134.7	99.7	n.p.	2,587.9	
November	632.2	76.0	155.0	458.2	n.p.	189.2	292.7	34.4	65.1	141.8	52.0	20.2	139.1	97.2	n.p.	2,591.0	
percentage change from preceding month																	
1990 —																	
June	1.4	1.2	-1.6	2.3	n.p.	0.0	0.8	0.9	1.9	-0.6	-0.2	0.0	1.4	0.7	n.p.	0.5	
July	1.4	0.1	-2.4	1.4	n.p.	0.5	0.4	0.6	0.0	0.1	-0.9	-1.0	1.9	-0.2	n.p.	0.4	
August	1.2	-0.6	-2.8	0.6	n.p.	1.0	0.1	-0.3	-1.3	0.9	-1.1	0.0	3.0	-0.8	n.p.	0.4	
September	1.0	-1.0	-2.7	0.2	n.p.	1.2	0.1	-1.1	-2.3	1.2	-1.5	0.5	3.6	-1.5	n.p.	0.3	
October	0.8	-1.3	-2.3	-0.1	n.p.	1.2	0.1	-1.1	-2.8	1.2	-1.3	1.0	3.5	-2.1	n.p.	0.1	
November	0.6	-1.0	-1.7	-0.4	n.p.	1.2	0.1	-1.1	-3.0	1.2	-1.1	0.5	3.3	-2.5	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	VICTORIA											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
ORIGINAL \$ million															
1989—															
September	524.9	35.9	103.4	173.6	90.8	132.0	169.5	19.3	68.4	110.9	36.8	16.1	63.1	60.5	83.9
October	517.5	35.0	120.0	173.0	88.9	135.9	172.5	20.3	72.5	110.5	39.9	14.5	61.1	60.8	84.3
November	547.4	34.0	119.2	185.3	89.2	144.6	208.8	22.4	76.5	116.2	44.7	18.6	65.1	63.1	89.0
December	645.2	53.8	126.6	248.0	116.0	209.9	390.8	28.1	132.2	157.9	42.1	16.9	85.5	89.2	152.0
1990—															
January	544.5	45.1	114.1	185.8	88.9	118.2	151.3	21.8	71.4	106.5	34.4	12.5	65.7	76.2	87.8
February	515.0	41.6	101.1	169.0	85.4	106.2	135.3	18.8	61.1	100.2	30.4	14.6	59.7	69.6	73.6
March	583.2	50.5	106.6	176.9	102.3	119.3	165.7	19.9	66.3	102.4	32.1	13.4	65.7	57.3	84.3
April	538.2	45.8	100.6	163.8	86.3	131.3	171.6	23.2	59.9	105.0	29.9	11.7	62.8	49.9	82.1
May	561.2	48.5	97.4	155.3	87.9	143.9	188.1	24.0	65.5	114.4	33.6	13.6	67.7	57.7	83.1
June	544.2	48.5	100.1	152.0	81.3	139.5	195.9	22.7	58.6	109.1	34.8	14.5	58.1	52.5	77.9
July	518.7	44.2	100.1	150.8	91.3	137.1	156.5	21.1	61.6	103.7	34.8	11.3	56.7	52.4	81.4
August	563.6	46.2	99.2	152.4	84.7	131.2	171.7	18.6	63.2	108.5	35.3	12.8	62.1	55.2	87.5
September	533.5	45.4	91.1	172.8	88.2	123.1	163.5	19.2	61.5	94.8	30.9	10.0	60.1	49.9	87.2
October	575.7	45.3	94.3	172.9	86.2	132.9	177.8	21.5	67.5	98.2	33.1	12.6	63.4	49.9	91.2
November	598.3	43.6	94.5	183.9	82.7	140.3	213.4	22.3	74.8	99.7	35.0	11.0	60.4	52.2	94.6
Standard error (b) of															
Level	14.8	5.8	8.5	15.9	7.7	8.6	0.0	1.4	3.7	8.3	4.9	2.1	6.2	5.2	8.2
Change	4.5	0.7	2.0	4.0	5.5	2.4	0.0	0.4	2.0	1.3	0.7	1.0	3.7	1.1	3.4
TREND ESTIMATES (c)															
\$ million															
1990—															
June	559.5	46.2	102.5	169.4	n.p.	136.7	187.9	21.2	70.4	108.5	33.1	12.9	63.7	56.4	n.p.
July	560.5	45.9	101.1	169.5	n.p.	137.0	188.5	21.3	70.3	106.7	32.9	12.5	62.7	55.9	n.p.
August	562.1	45.7	98.9	170.6	n.p.	136.5	189.6	21.5	69.8	104.9	32.5	11.9	62.1	55.4	n.p.
September	564.9	45.6	96.1	172.2	n.p.	135.4	191.1	21.7	69.1	102.9	32.1	11.3	61.6	54.3	n.p.
October	568.4	45.4	93.2	174.0	n.p.	134.3	192.7	22.0	68.4	100.9	31.5	10.6	61.3	53.1	n.p.
November	572.0	45.3	90.5	175.9	n.p.	133.4	194.8	22.3	67.7	99.5	31.0	10.0	61.0	51.7	n.p.
percentage change from preceding month															
1990—															
June	0.1	-1.5	-0.7	-0.5	n.p.	0.7	0.2	-0.5	0.0	-1.6	-0.3	-3.0	-2.2	-2.1	n.p.
July	0.2	-0.6	-1.4	0.1	n.p.	0.2	0.3	0.5	-0.1	-1.7	-0.6	-3.1	-1.6	-0.9	n.p.
August	0.3	-0.4	-2.2	0.6	n.p.	-0.4	0.6	0.9	-0.7	-1.7	-1.2	-4.8	-1.0	-0.9	n.p.
September	0.5	-0.2	-2.8	0.9	n.p.	-0.8	0.8	0.9	-1.0	-1.9	-1.2	-5.0	-0.8	-2.0	n.p.
October	0.6	-0.4	-3.0	1.0	n.p.	-0.8	0.8	1.4	-1.0	-1.9	-1.9	-6.2	-0.5	-2.2	n.p.
November	0.6	-0.2	-2.9	1.1	n.p.	-0.7	1.1	1.4	-1.0	-1.4	-1.6	-5.7	-0.5	-2.6	n.p.

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	QUBENSLAND										Total				
	Grocers, confectioners, tobacconists	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
ORIGINAL \$ million															
1989 —															
September	331.6	37.3	83.1	146.2	43.9	101.9	125.8	18.3	27.0	79.1	18.9	9.8	40.3	42.9	61.2
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
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
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
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
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
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
April	327.2	31.3	81.1	134.0	47.6	86.8	110.8	16.5	27.6	68.4	26.1	8.7	40.7	39.2	56.7
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
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
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
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
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
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
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
Standard error (b) of Level	6.6	4.0	8.9	9.3	6.0	9.2	0.0	1.6	2.7	5.9	2.3	1.3	7.0	6.3	6.2
Change	1.3	0.6	1.5	3.1	1.2	4.2	0.0	0.2	0.5	4.2	0.6	0.5	3.4	1.3	1.9
TREND ESTIMATES (c)															
\$ million															
1990 —															
June	345.0	34.6	86.8	139.9	n.p.	98.5	129.7	17.2	30.1	78.6	26.8	10.4	46.3	44.8	n.p.
July	347.3	34.0	86.5	140.2	n.p.	97.2	130.3	16.9	29.0	78.1	26.7	10.9	47.8	45.3	n.p.
August	349.7	33.1	86.0	141.6	n.p.	96.4	131.5	16.8	28.5	77.9	26.5	11.3	48.9	45.6	n.p.
September	352.4	32.3	85.5	143.3	n.p.	96.4	132.9	16.7	28.4	78.0	26.4	11.5	49.8	45.6	n.p.
October	355.0	31.6	85.0	145.2	n.p.	96.9	134.5	16.7	28.4	78.3	26.5	11.7	50.3	45.4	n.p.
November	357.3	31.0	84.6	147.2	n.p.	97.8	135.8	16.8	28.7	78.7	26.4	11.7	50.4	45.1	n.p.
percentage change from preceding month															
1990 —															
June	0.8	-0.9	0.1	-0.9	n.p.	-1.1	0.2	-1.1	-4.1	-0.9	0.0	4.0	3.1	1.6	n.p.
July	0.7	-1.7	-0.3	0.2	n.p.	-0.3	0.5	-1.7	-3.7	-0.6	-0.4	4.8	3.2	1.1	n.p.
August	0.7	-2.6	-0.6	1.0	n.p.	-0.8	0.9	-0.6	-1.7	-0.3	-0.7	3.7	2.3	0.7	n.p.
September	0.8	-2.4	-0.6	1.2	n.p.	0.0	1.1	-0.6	-0.4	0.1	-0.4	1.8	1.8	0.0	n.p.
October	0.7	-2.2	-0.6	1.3	n.p.	0.5	1.2	0.0	0.0	0.4	0.4	1.7	1.0	-0.4	n.p.
November	0.6	-1.9	-0.5	1.4	n.p.	0.9	1.0	0.6	1.1	0.5	-0.4	0.0	0.2	-0.7	n.p.

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,		Hotels,		Cafes,		Clothing		Depart-		Domestic		Elec-		Furni-		Floor		Pharma-		News-		Total
	confect- ioners, tobacc- onists	Butchers	liquor stores, licensed clubs	Other food stores	and rest- aurants	and fabrics stores	ment and general stores	Footwear stores	hardware stores, jewellers	trical goods stores	iture stores	cover- ings stores	cias	agents	Other stores								
SOUTH AUSTRALIA																							
ORIGINAL \$ million																							
1989—																							
September	153.7	12.4	58.0	37.3	21.0	34.6	75.2	6.8	13.4	30.2	14.4	5.6	19.0	11.8	25.0	518.2							
October	155.2	12.5	58.9	38.1	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	66.0	39.2	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	79.9	42.4	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	60.9	39.0	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	55.3	34.6	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	62.2	40.7	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	62.5	38.4	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	57.6	38.7	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	55.7	39.1	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	53.4	39.1	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	55.9	40.9	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	59.3	41.3	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	62.2	45.2	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	64.5	46.5	30.0	35.8	103.8	8.4	15.4	35.8	14.8	6.9	22.9	15.6	27.4	624.0							
Standard error (b) of																							
Level	3.2	2.6	3.5	6.2	4.0	3.3	0.0	0.6	2.0	3.0	1.5	1.1	4.5	1.9	3.2	12.1							
Change	0.8	0.5	1.2	2.8	1.5	1.3	0.0	0.3	0.3	0.4	0.4	0.8	1.0	1.3	0.9	4.4							
TREND ESTIMATES (c)																							
\$ million																							
1990—																							
June	165.0	14.5	60.9	40.2	n.p.	38.1	84.1	7.7	14.4	36.0	14.7	5.4	19.7	13.9	n.p.	556.4							
July	165.8	14.7	60.9	40.6	n.p.	38.0	85.0	7.9	14.3	36.0	14.7	5.5	20.0	14.0	n.p.	560.4							
August	167.3	14.8	61.2	41.3	n.p.	37.5	86.1	8.0	14.3	35.9	14.8	5.5	20.3	14.1	n.p.	566.2							
September	169.3	14.8	61.7	42.1	n.p.	36.7	87.2	8.2	14.1	35.9	14.8	5.6	20.8	14.2	n.p.	573.4							
October	171.6	14.7	62.3	42.9	n.p.	35.8	88.2	8.4	14.0	35.8	14.8	5.8	21.2	14.2	n.p.	580.8							
November	173.9	14.6	62.9	43.8	n.p.	35.0	89.2	8.5	13.8	35.9	14.8	5.9	21.6	14.3	n.p.	587.8							
percentage change from preceding month																							
1990—																							
June	0.2	2.8	0.2	0.8	n.p.	0.5	0.8	1.3	-0.7	0.8	-0.7	0.0	1.0	0.7	n.p.	0.4							
July	0.5	1.4	0.0	1.0	n.p.	-0.3	1.1	2.6	-0.7	0.0	0.0	1.9	1.5	0.7	n.p.	0.7							
August	0.9	0.7	0.5	1.7	n.p.	-1.3	1.3	1.3	0.0	-0.3	0.7	0.0	1.5	0.7	n.p.	1.0							
September	1.2	0.0	0.8	1.9	n.p.	-2.1	1.3	2.5	-1.4	0.0	0.0	1.8	2.5	0.7	n.p.	1.3							
October	1.4	-0.7	1.0	1.9	n.p.	-2.5	1.1	2.4	-0.7	-0.3	0.0	3.6	1.9	0.0	n.p.	1.3							
November	1.3	-0.7	1.0	2.1	n.p.	-2.2	1.1	1.2	-1.4	0.3	0.0	1.7	1.9	0.7	n.p.	1.2							

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	Depart- ment and general stores	Domestic hardware stores, jewellers	Elec- trical goods stores	Furni- ture stores	Floor cover- ings stores	Pharma- cies	News- agents	Other stores	Total
	WESTERN AUSTRALIA ORIGINAL \$ million														
1989 —															
September	195.1	7.5	36.4	77.2	30.1	37.3	70.6	7.4	15.3	39.4	8.3	24.4	16.9	29.6	604.0
October	186.6	6.9	39.0	78.1	29.2	39.4	68.5	7.6	15.5	40.3	9.1	24.2	17.5	29.1	598.3
November	197.8	6.9	39.0	81.0	29.4	41.9	85.2	7.9	20.1	46.5	8.8	25.9	18.4	30.3	647.2
December	225.4	9.7	44.0	96.6	41.2	50.1	139.5	8.7	30.0	57.4	10.9	36.2	20.4	43.3	821.0
1990 —															
January	193.1	7.1	39.4	73.7	30.1	33.9	63.6	7.9	12.8	38.6	9.1	23.5	17.6	29.1	587.2
February	182.3	7.2	34.4	71.6	24.7	27.7	53.1	5.6	13.0	35.5	8.7	22.7	18.4	26.8	539.7
March	212.0	7.2	40.8	77.9	28.8	33.0	66.6	6.3	13.2	43.5	9.4	26.3	18.6	26.9	618.4
April	198.0	6.4	41.0	71.7	28.9	36.8	70.5	7.3	11.9	38.5	7.7	24.3	20.3	25.6	596.1
May	206.7	7.2	42.1	70.6	28.3	39.2	75.5	7.9	13.5	43.9	8.9	27.8	19.1	25.9	624.7
June	201.5	6.2	42.9	68.6	30.8	37.5	80.3	7.1	13.8	43.4	8.9	26.4	21.0	25.2	620.6
July	198.2	5.9	42.9	67.6	29.5	35.2	64.1	7.2	15.1	39.6	9.7	26.4	17.7	27.8	594.0
August	212.5	5.9	43.7	70.1	29.3	35.4	69.9	5.4	14.0	41.7	8.9	28.1	19.8	25.3	616.1
September	197.3	5.7	45.7	69.8	32.2	31.6	66.8	6.6	14.3	36.4	8.9	26.0	18.5	29.6	596.0
October	205.1	6.1	49.5	71.2	31.9	32.4	73.6	6.9	15.5	38.9	10.1	28.9	17.5	31.6	626.3
November	215.1	6.0	48.4	71.9	33.1	33.4	83.9	6.9	16.3	41.6	10.1	28.6	18.3	31.9	652.9
Standard error (b) of	4.1	0.9	5.3	3.7	4.3	3.1	0.0	0.3	1.5	2.1	0.9	3.7	2.4	3.3	11.2
Level	0.6	0.3	1.1	1.1	1.5	0.5	0.0	0.0	0.5	0.8	0.2	1.2	0.7	1.2	3.1
Change															
TREND ESTIMATES (c)															
\$ million															
1990 —															
June	207.9	6.0	44.2	75.8	n.p.	36.6	77.2	7.0	16.1	41.2	9.2	27.7	20.2	n.p.	632.8
July	209.4	5.9	45.2	75.1	n.p.	35.9	77.4	6.8	16.2	40.5	9.2	27.6	19.8	n.p.	633.9
August	210.1	5.8	45.9	74.0	n.p.	35.1	77.2	6.6	16.1	40.1	9.2	27.3	19.4	n.p.	632.7
September	210.3	5.9	46.5	72.7	n.p.	34.1	76.8	6.5	15.7	39.9	9.2	27.2	19.0	n.p.	630.8
October	210.3	6.0	47.1	71.4	n.p.	33.2	76.4	6.4	15.3	39.8	9.3	27.1	18.6	n.p.	628.6
November	210.1	6.2	47.5	70.2	n.p.	32.4	76.2	6.3	14.8	39.8	9.3	26.9	18.5	n.p.	626.7
percentage change from preceding month															
1990 —															
June	1.3	-6.3	3.5	0.3	n.p.	-0.8	0.9	-1.4	3.2	-1.7	0.0	-6.7	0.4	n.p.	0.7
July	0.7	-1.7	2.3	-0.9	n.p.	-1.9	0.3	-2.9	0.6	-1.7	0.0	-4.3	-0.4	n.p.	0.2
August	0.3	-1.7	1.5	-1.5	n.p.	-2.2	-0.3	-2.9	-0.6	-1.0	0.0	-3.0	-1.1	n.p.	-0.2
September	0.1	1.7	1.3	-1.8	n.p.	-2.8	-0.5	-1.5	-2.5	-0.5	0.0	-1.5	-0.4	n.p.	-0.3
October	0.0	1.7	1.3	-1.8	n.p.	-2.6	-0.5	-1.5	-2.5	-0.3	1.1	0.0	-0.4	n.p.	-0.3
November	-0.1	3.3	0.8	-1.7	n.p.	-2.4	-0.3	-1.6	-3.3	0.0	0.0	1.6	-0.7	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, confect- ioners, tobac- conists	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		
															TASMANIA	
ORIGINAL \$ million																
1989 —																
September	54.8	4.2	8.0	22.8	5.1	12.3	17.0	2.3	2.8	8.9	3.8	1.5	5.9	5.7	8.4	163.4
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
Standard error (b) of																
Level	1.7	0.8	1.7	2.6	0.8	2.0	0.0	0.1	0.2	0.6	0.2	0.2	0.7	1.2	0.9	4.7
Change	0.3	0.1	0.1	0.4	0.5	0.5	0.0	0.1	0.1	0.3	0.1	0.0	1.6	0.3	0.5	1.9
TREND ESTIMATES(c)																
\$ million																
1990 —																
June	58.0	4.2	9.5	25.3	n.p.	14.4	18.6	2.8	2.9	9.9	3.4	1.7	6.6	8.6	n.p.	179.5
July	58.0	4.2	9.9	25.3	n.p.	14.3	18.7	2.9	3.0	10.0	3.4	1.8	6.8	8.7	n.p.	180.3
August	58.0	4.2	10.3	25.2	n.p.	14.0	18.7	2.9	3.1	10.2	3.3	1.8	7.0	8.7	n.p.	181.1
September	58.1	4.3	10.6	25.2	n.p.	13.8	18.8	2.9	3.2	10.3	3.3	1.8	7.2	8.8	n.p.	182.0
October	58.1	4.4	10.9	25.2	n.p.	13.5	18.9	2.8	3.2	10.5	3.3	1.7	7.4	8.8	n.p.	182.7
November	58.2	4.4	11.2	25.3	n.p.	13.3	19.0	2.8	3.3	10.6	3.2	1.7	7.6	8.9	n.p.	183.4
percentage change from preceding month																
1990 —																
June	0.5	0.0	3.3	0.0	n.p.	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	n.p.	0.4
July	0.0	0.0	4.2	0.0	n.p.	-0.7	0.5	3.6	3.4	1.0	0.0	5.9	3.0	1.2	n.p.	0.4
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	0.0	n.p.	-1.4	0.5	0.0	3.2	1.0	0.0	0.0	2.9	1.1	n.p.	0.5
October	0.0	2.3	2.8	0.0	n.p.	-2.2	0.5	-3.4	0.0	1.9	0.0	-5.6	2.8	0.0	n.p.	0.4
November	0.2	0.0	2.8	0.4	n.p.	-1.5	0.5	0.0	3.1	1.0	-3.0	0.0	2.7	1.1	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	Grocers, confect- ioners, tobacc- onists	Butchers	Other food stores	Hotels, 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	Furn- iture stores	Floor cover- ings stores	Pharma- cies	News- agents	Other stores	Total
ORIGINAL \$ million																
1989 —																
September	31.8	2.2	6.5	13.0	6.6	10.2	12.7	1.5	3.6	6.8	2.7	1.2	4.7	4.5	6.9	114.7
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
Standard error (b) of																
Level	1.3	0.3	1.2	1.3	1.6	0.4	0.0	0.1	0.1	0.5	0.4	0.1	0.4	0.6	1.0	3.1
Change	0.4	0.1	0.2	0.6	0.5	0.2	0.0	0.0	0.1	0.1	0.3	0.1	0.2	0.1	0.5	1.1
TREND ESTIMATES (c)																
\$ million																
1990 —																
June	33.8	1.9	6.6	13.9	n.p.	9.8	19.0	1.9	4.0	7.5	3.4	1.5	3.9	4.7	n.p.	127.5
July	34.3	1.8	6.4	14.1	n.p.	9.9	19.4	2.0	3.9	7.4	3.4	1.5	3.9	4.7	n.p.	128.6
August	34.7	1.7	6.2	14.3	n.p.	9.8	19.6	2.1	3.7	7.3	3.3	1.6	3.9	4.8	n.p.	129.5
September	35.0	1.7	6.2	14.5	n.p.	9.7	19.6	2.1	3.6	7.2	3.3	1.6	4.0	4.9	n.p.	130.1
October	35.2	1.7	6.3	14.7	n.p.	9.5	19.6	2.1	3.4	7.2	3.3	1.6	4.0	5.0	n.p.	130.4
November	35.3	1.8	6.4	14.8	n.p.	9.4	19.5	2.1	3.3	7.2	3.2	1.6	4.1	5.1	n.p.	130.6
percentage change from preceding month																
1990 —																
June	1.5	-5.0	-2.9	3.0	n.p.	2.1	2.2	5.6	0.0	-1.3	0.0	7.1	-2.5	0.0	n.p.	1.1
July	1.5	-5.3	-3.0	1.4	n.p.	1.0	2.1	5.3	-2.5	-1.3	0.0	0.0	0.0	0.0	n.p.	0.9
August	1.2	-5.6	-3.1	1.4	n.p.	-1.0	1.0	5.0	-5.1	-1.4	-2.9	6.7	0.0	2.1	n.p.	0.7
September	0.9	0.0	0.0	1.4	n.p.	-1.0	0.0	0.0	-2.7	-1.4	0.0	0.0	2.6	2.1	n.p.	0.5
October	0.6	0.0	1.6	1.4	n.p.	-2.1	0.0	0.0	-5.6	0.0	0.0	0.0	0.0	2.0	n.p.	0.2
November	0.3	5.9	1.6	0.7	n.p.	-1.1	-0.5	0.0	-2.9	0.0	-3.0	0.0	2.5	2.0	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	<i>Food stores, liquor stores, and licensed clubs (b)</i>		<i>All other stores</i>		<i>Total</i>	
	<i>\$ million</i>	<i>% change from preceding month</i>	<i>\$ million</i>	<i>% change from preceding month</i>	<i>\$ million</i>	<i>% change from preceding month</i>
<i>1989 —</i>						
September	45.7	-8.4	22.1	-4.3	67.8	-6.9
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
<i>Standard error (c) of</i>						
Level	1.3		0.8		1.5	
Change	0.5		0.3		0.6	

(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 \$325.4 million (4.6 per cent) in the total value of turnover between November 1990 and October 1990 has a standard error of about \$22.7 million (0.3 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 \$302.7 million to \$348.1 million (4.3 per cent to 4.9 per cent) and nineteen chances in twenty that the change would be within \$280.0 million to \$370.8 million (4.0 per cent to 5.2 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-employed 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 December seasonally adjusted result shows a +1.0% movement, then the trend movement would be 0.1% for December, 0.2% for November and October. A -1.0% movement would return a trend movement of -0.1% for December. November and October trend estimates would fall by 0.2 and 0.1 percentage points respectively.

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 December 1990 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 December 1990, 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.

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