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RETAIL TRADE AUSTRALIA, APRIL 1990

PHONE INQUIRIES

- about these statistics and the availability of related unpublished statistics — contact Maurie Low on Canberra (06) 252 7442 or any ABS State office.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.

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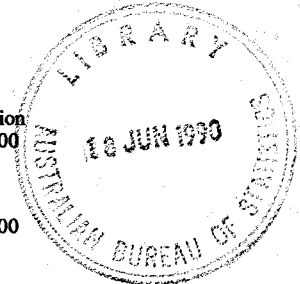
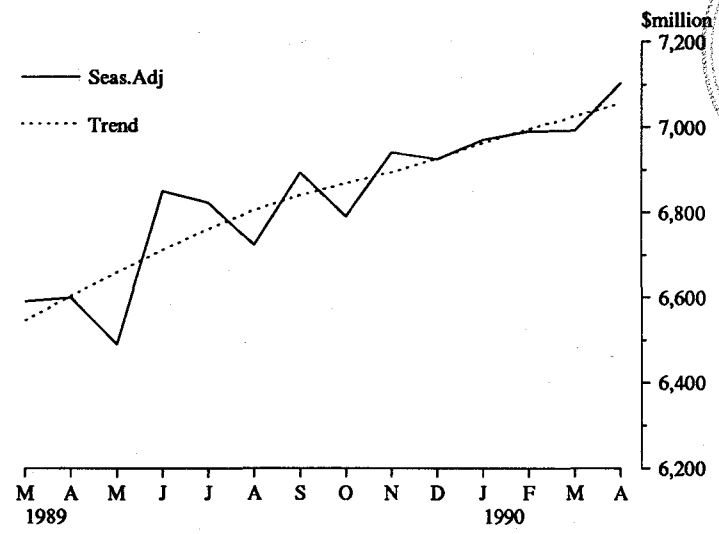
ELECTRONIC SERVICES

- on DISCOVERY — key *656#.
- on AUSSTATS — phone (06) 252 6017.
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Trend estimates for the most recent months may be revised as data for subsequent months become available. For example, if the May seasonally adjusted estimate shows a 1.0 per cent rise, then the movement in the trend estimate for May would be 0.5 per cent and the movements for April and March would be revised upwards by 0.2 percentage points. Alternatively a 1.0 per cent fall in the seasonally adjusted estimate would give a 0.2 per cent movement in the trend estimate, revise the April movement downwards by 0.1 percentage point while the March movement would remain at 0.4 per cent. See paragraphs 23 and 24 of the Explanatory Notes.

SUMMARY OF FINDINGS

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

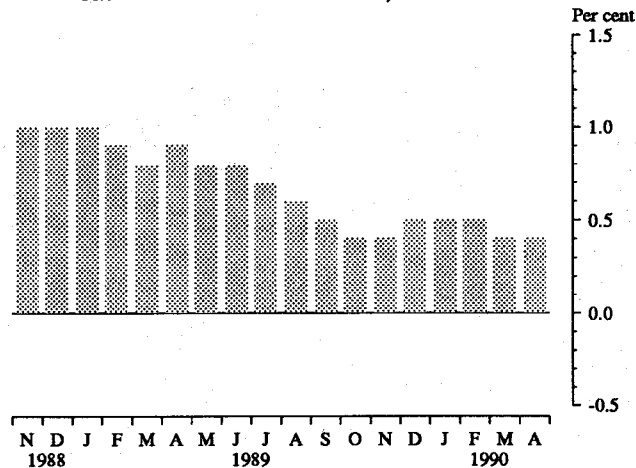


Australian Estimates

The turnover for retail (excluding motor vehicle dealers, service stations) and selected service establishments covered by the survey continues to show a pattern of weak growth, with trend estimates averaging an increase of 0.4 per cent per month for the 3 months ending April 1990. Over the past year, trend estimates show a growth of 6.9 per cent.

In seasonally adjusted terms turnover increased by 1.6 per cent in April (from \$6,992 million to \$7,104 million), which follows several months of little or no growth resulting in the continuing trend of weak growth.

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

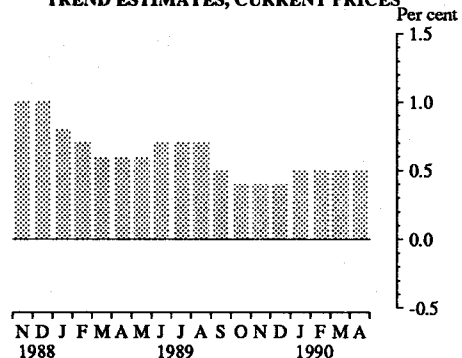


Industry Trends

Of the 13 industries for which trend series are calculated, 3 are currently in decline, another 7 are displaying weak growth and the remaining 3 are showing either moderate or strong growth rates.

The survey includes both retail and certain types of service establishments. By excluding those industries that contain selected service establishments, namely Hotels, liquor stores and licensed clubs, Cafes and restaurants, and Other stores, it is possible to examine the trend for the group of industries which contain only retail establishments. The result is shown in Chart 3. Average growth over the last 3 months was 0.5 per cent and over the past 12 months was 6.5 per cent, 0.4 percentage points lower than the growth rate for retail and selected service establishments combined.

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



For the largest retail industries:

- Grocers, confectioners and tobacconists (the largest industry) is now showing moderate growth averaging 0.7 per cent per month over the last 3 months;
- Department and general stores are averaging a decline of 0.1 per cent per month over the last 3 months; and
- Clothing and fabrics stores are displaying weak growth averaging 0.2 per cent for the 3 months ending April 1990.

The predominantly service establishment industry Hotels, liquor stores and licensed clubs is currently exhibiting weak growth averaging 0.2 per cent per month over the last 3 months.

State Trends

There are mixed results evident in State trends.

New South Wales is exhibiting relatively strong growth at present averaging 1.0 per cent per month over the past 3 months.

Tasmania is also exhibiting strong growth averaging 1.2 per cent per month over the past 3 months.

In contrast, Victoria is currently in decline averaging -0.3 per cent per month for the 3 months ending April. The remaining States/Territories are displaying weak growth rates.

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

Per cent

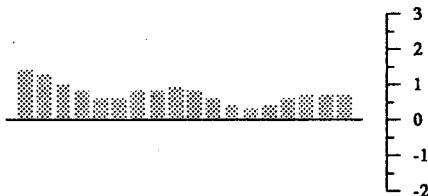


CHART 5: OTHER FOOD STORES

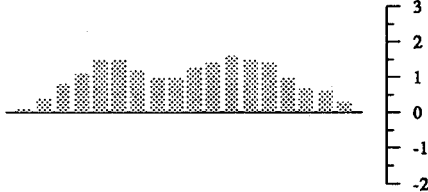


CHART 6: HOTELS, CLUBS etc

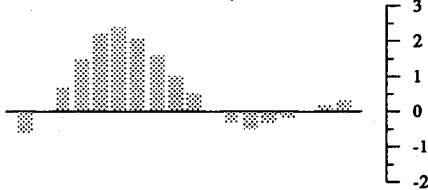


CHART 7: CLOTHING STORES etc

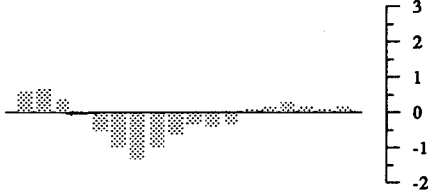


CHART 8: DEPARTMENT STORES

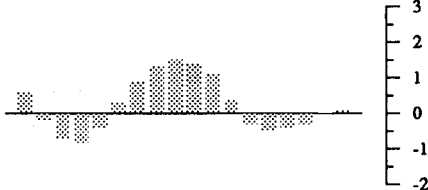
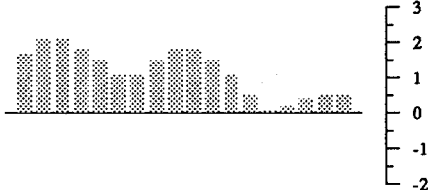


CHART 9: ELECTRICAL GOODS STORES



ND J F M A M J J A S O N D J F M A
1988 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

Per cent

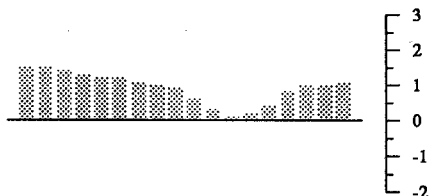


CHART 11: VICTORIA

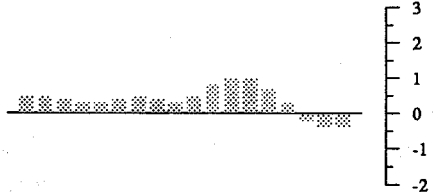


CHART 12: QUEENSLAND

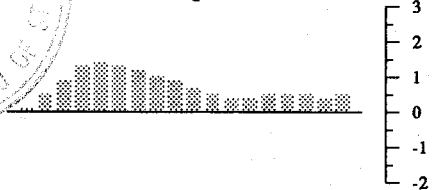


CHART 13: SOUTH AUSTRALIA

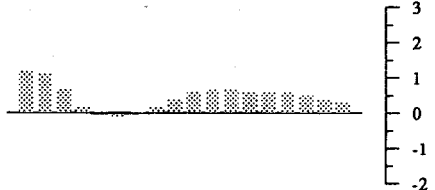
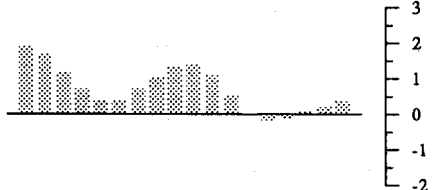


CHART 14: WESTERN AUSTRALIA



ND J F M A M J J A S O N D J F M A
1988 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								
February	5,680.1	-7.4	5.6	6,451.2	-1.4	6,491.5	0.9	9.7
March	6,460.9	13.7	9.0	6,590.0	2.2	6,545.8	0.8	9.9
April	6,215.0	-3.8	8.8	6,598.6	0.1	6,603.4	0.9	10.1
May	6,502.0	4.6	10.4	6,489.7	-1.7	6,659.0	0.8	10.3
June	6,547.2	0.7	11.5	6,851.1	5.6	6,712.1	0.8	10.4
July	6,440.6	-1.6	10.1	6,822.7	-0.4	6,762.3	0.7	10.5
August	6,559.2	1.8	11.6	6,724.0	-1.4	6,805.7	0.6	10.6
September	6,729.2	2.6	10.3	6,892.9	2.5	6,840.1	0.5	10.4
October	6,722.0	-0.1	8.7	6,790.6	-1.5	6,868.8	0.4	9.9
November	7,198.5	7.1	10.7	6,940.3	2.2	6,894.8	0.4	9.3
December	9,364.9	30.1	6.6	6,924.6	-0.2	6,927.3	0.5	8.7
1990								
January	6,681.7	-28.7	8.9	6,969.5	0.6	6,963.3	0.5	8.2
February	6,153.7	-7.9	8.3	6,991.4	0.3	6,996.3	0.5	7.8
March	6,914.1	12.4	7.0	6,992.2	0.0	7,025.9	0.4	7.3
April	6,617.6	-4.3	6.5	7,104.4	1.6	7,057.2	0.4	6.9
Standard error (c) of								
Latest month	57.5							
Change from previous month	21.4	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						
March	18,274.1	-14.9	8.4	19,581.1	3.7	10.0
June	19,264.2	5.4	10.3	19,939.4	1.8	10.0
September	19,729.0	2.4	10.7	20,439.6	2.5	11.1
December	23,285.4	18.0	8.4	20,655.5	1.1	9.4
1990						
March	19,749.5	-15.2	8.1	20,953.1	1.4	7.0
AT CONSTANT (AVERAGE 1984-85) PRICES						
1989						
March	13,685.6	-15.8	1.6	14,633.5	2.3	3.1
June	14,147.2	3.4	3.8	14,652.1	0.1	3.6
September	14,279.9	0.9	4.6	14,787.7	0.9	5.0
December	16,694.6	16.9	2.7	14,830.8	0.3	3.7
1990						
March	14,013.3	-16.1	2.4	14,836.1	0.0	1.4

(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	Footwear 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	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																
February	1,674.2	148.2	374.5	775.8	262.7	419.5	543.1	64.9	197.9	321.5	122.6	52.8	213.8	235.8	272.7	5,680.1
March	1,902.4	169.9	405.4	878.1	294.0	470.9	707.3	76.4	210.5	363.0	132.1	53.6	238.4	245.2	313.8	6,460.9
April	1,762.1	160.8	393.4	847.5	282.1	507.2	686.1	86.2	202.8	360.4	130.5	56.7	228.9	228.1	282.4	6,215.0
May	1,781.8	172.8	398.4	838.4	289.0	541.4	752.3	91.1	219.4	410.8	141.5	60.1	250.4	245.2	309.3	6,502.0
June	1,818.2	177.7	410.3	849.6	299.4	533.5	773.5	102.8	187.3	404.6	144.4	58.3	245.5	235.0	307.3	6,547.2
July	1,810.0	168.9	409.3	856.5	313.2	508.0	703.5	92.1	190.7	400.6	134.4	61.4	247.2	237.4	307.4	6,440.6
August	1,892.0	169.7	415.0	862.1	309.1	476.4	712.1	80.7	193.7	412.8	140.6	62.6	263.3	251.1	318.3	6,559.2
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
Level	21.3	11.7	18.7	25.7	18.5	17.9	0.0	7.6	9.8	15.2	7.8	2.9	12.6	12.7	16.5	57.5
Change	5.3	2.3	7.0	7.9	9.1	6.9	0.0	1.1	2.8	5.3	3.2	1.4	3.4	4.0	10.2	21.4
TREND ESTIMATES (c) \$ million																
1989																
February	1,800.3	168.8	398.0	839.8	n.p.	539.1	761.6	81.8	230.1	381.9	139.8	58.8	242.7	238.9	n.p.	6,491.5
March	1,811.2	171.3	403.8	858.0	n.p.	536.2	758.2	83.2	234.8	387.5	141.4	58.0	245.1	243.0	n.p.	6,545.8
April	1,822.7	173.0	409.8	878.7	n.p.	530.6	760.3	85.7	237.7	391.8	142.4	57.9	247.6	246.2	n.p.	6,603.4
May	1,836.4	173.4	414.7	897.4	n.p.	523.8	766.8	88.3	238.2	396.3	142.4	58.5	250.1	249.1	n.p.	6,659.0
June	1,851.2	172.4	418.9	911.9	n.p.	518.5	776.6	90.3	237.1	402.3	141.6	59.4	252.8	251.6	n.p.	6,712.1
July	1,867.7	170.4	423.2	921.4	n.p.	515.2	788.4	91.7	234.4	409.5	140.7	60.0	256.3	253.1	n.p.	6,762.3
August	1,883.1	168.2	428.5	926.0	n.p.	513.4	799.8	92.4	230.4	416.7	140.7	59.9	260.3	253.0	n.p.	6,805.7
September	1,895.3	166.8	434.7	926.2	n.p.	511.3	808.4	92.7	225.2	422.8	142.2	59.5	264.4	251.4	n.p.	6,840.1
October	1,903.6	167.5	441.6	923.0	n.p.	509.9	811.5	93.1	220.0	427.3	144.7	59.2	268.0	250.0	n.p.	6,868.8
November	1,909.6	170.6	448.3	918.7	n.p.	510.2	809.1	93.6	215.8	429.6	147.4	59.1	271.1	249.6	n.p.	6,894.8
December	1,917.9	175.2	454.4	915.5	n.p.	511.3	805.2	94.5	212.7	430.2	149.1	59.2	273.9	250.3	n.p.	6,927.3
1990																
January	1,930.2	180.0	459.1	914.1	n.p.	512.9	801.6	95.2	210.9	431.1	149.8	59.2	277.0	251.7	n.p.	6,963.3
February	1,944.0	184.2	462.5	914.5	n.p.	513.7	799.2	95.4	210.0	432.8	149.9	59.0	280.5	253.2	n.p.	6,996.3
March	1,957.4	187.7	465.3	916.2	n.p.	514.3	798.9	95.3	209.6	434.8	149.9	58.5	284.0	254.2	n.p.	7,025.9
April	1,971.1	190.6	466.9	919.1	n.p.	515.5	799.7	94.9	210.7	437.1	149.9	58.3	287.7	254.5	n.p.	7,057.2

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	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
% change from preceding month															
1989															
February	1.7	1.1	1.5	n.p.	0.0	-0.8	0.2	2.7	1.8	1.3	-1.8	1.0	2.1	n.p.	0.9
March	0.6	1.5	2.2	n.p.	-0.5	-0.4	1.7	2.0	1.5	1.1	-1.4	1.0	1.7	n.p.	0.8
April	0.6	1.0	2.4	n.p.	-1.0	0.3	3.0	1.2	1.1	0.7	-0.2	1.0	1.3	n.p.	0.9
May	0.8	0.2	2.1	n.p.	-1.3	0.9	3.0	0.2	1.1	0.0	1.0	1.0	1.2	n.p.	0.8
June	0.8	-0.6	1.0	n.p.	-1.0	1.3	2.3	-0.5	1.5	-0.6	1.5	1.1	1.0	n.p.	0.8
July	0.9	-1.2	1.0	n.p.	-0.6	1.5	1.6	-1.1	1.8	-0.6	1.0	1.4	0.6	n.p.	0.7
August	0.8	-1.3	0.5	n.p.	-0.3	1.4	0.8	-1.7	1.8	0.0	-0.2	1.6	0.0	n.p.	0.6
September	0.6	-0.8	1.4	n.p.	-0.4	1.1	0.3	-2.3	1.5	1.1	-0.7	1.6	-0.6	n.p.	0.5
October	0.4	0.4	1.6	n.p.	-0.3	0.4	0.4	-2.3	1.1	1.8	-0.5	1.4	-0.6	n.p.	0.4
November	0.3	1.9	1.5	n.p.	0.1	-0.3	0.5	-1.9	0.5	1.9	-0.2	1.2	-0.2	n.p.	0.4
December	0.4	2.7	1.4	n.p.	0.2	-0.5	1.0	-1.4	0.1	1.2	0.2	1.0	0.3	n.p.	0.5
1990															
January	0.6	2.7	1.0	n.p.	0.3	-0.4	0.7	-0.8	0.2	0.5	0.0	1.1	0.6	n.p.	0.5
February	0.7	2.3	0.7	n.p.	0.2	-0.3	0.2	-0.4	0.4	0.1	-0.3	1.3	0.6	n.p.	0.5
March	0.7	1.9	0.6	n.p.	0.1	0.0	-0.1	-0.2	0.5	0.0	-0.8	1.2	0.4	n.p.	0.4
April	0.7	1.5	0.3	n.p.	0.2	0.1	-0.4	0.5	0.5	0.0	-0.3	1.3	0.1	n.p.	0.4
1989															
February	11.1	21.8	6.8	1.7	7.8	4.3	-2.7	19.3	8.6	4.3	4.4	18.0	14.1	n.p.	9.7
March	11.3	22.9	6.8	3.6	6.7	3.4	-1.9	19.4	9.8	3.2	2.1	17.9	15.4	n.p.	9.9
April	11.5	23.0	6.9	5.7	5.0	3.6	1.2	18.2	11.1	2.2	0.9	17.3	16.4	n.p.	10.1
May	11.8	21.5	6.9	7.6	2.8	4.3	5.0	16.1	12.7	1.6	0.7	16.2	17.7	n.p.	10.3
June	12.0	18.7	7.1	9.0	0.5	5.3	8.0	14.0	15.0	1.4	0.8	14.9	18.9	n.p.	10.4
July	12.1	15.1	7.9	9.9	-1.2	6.0	10.2	12.2	17.7	1.5	0.2	13.9	19.7	n.p.	10.5
August	11.9	11.4	9.5	10.7	-2.1	6.2	11.3	10.0	19.9	2.6	-1.8	13.5	19.3	n.p.	10.6
September	11.4	8.2	11.5	11.3	-3.1	6.0	11.8	7.3	20.8	4.5	-4.0	13.6	17.4	n.p.	10.4
October	10.5	6.5	13.6	11.7	-3.7	5.3	12.7	4.3	20.7	6.9	-5.1	14.0	14.7	n.p.	9.9
November	9.3	6.5	15.2	11.8	-4.3	4.4	13.6	1.0	19.4	8.9	-4.7	14.6	12.1	n.p.	9.3
December	8.4	7.5	16.3	11.4	-4.7	4.1	15.1	-2.5	17.1	9.4	-3.1	14.9	9.5	n.p.	8.7
1990															
January	8.0	8.5	16.6	10.5	-4.8	4.4	16.7	-5.8	15.0	8.6	-1.2	15.3	7.6	n.p.	8.2
February	8.0	9.1	16.2	8.9	-4.7	4.9	16.6	-8.7	13.3	7.2	0.3	15.6	6.0	n.p.	7.8
March	8.1	9.6	15.2	6.8	-4.1	5.4	14.5	-10.7	12.2	6.0	0.9	15.9	4.6	n.p.	7.3
April	8.1	10.2	13.9	4.6	-2.8	5.2	10.7	-11.4	11.6	5.3	0.7	16.2	3.4	n.p.	6.9

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

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

Quarter	Grocers, confectioners, tobacco- onists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment & 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																
March	4,007.3	377.9	828.0	1,850.1	636.6	999.5	1,399.2	167.0	496.9	875.2	287.5	106.3	523.5	485.5	645.3	13,685.6
June	3,963.9	383.7	792.4	1,830.1	640.0	1,115.7	1,626.0	202.8	474.4	998.9	307.9	119.5	552.9	477.9	661.0	14,147.2
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	1,399.6	187.7	447.0	997.0	293.8	105.0	575.9	507.8	683.2	14,013.3
SEASONALLY ADJUSTED ESTIMATES \$ million																
1989																
March	4,100.4	398.0	832.2	1,863.2	n.p.	1,190.0	1,701.8	184.6	551.6	967.4	306.4	117.0	559.0	488.7	n.p.	14,633.5
June	4,047.6	396.3	818.3	1,947.2	n.p.	1,120.9	1,695.3	192.3	557.9	1,016.4	326.8	121.4	571.7	500.7	n.p.	14,652.1
September	4,112.4	378.2	812.5	1,962.7	n.p.	1,074.1	1,737.8	200.6	542.1	1,061.2	305.4	125.6	587.2	516.2	n.p.	14,787.7
December	4,101.0	374.7	883.8	1,916.6	n.p.	1,047.3	1,767.0	204.4	490.5	1,078.8	321.4	113.2	610.6	495.1	n.p.	14,830.8
1990																
March	4,111.6	402.5	914.3	1,869.7	n.p.	1,052.3	1,681.2	204.2	498.1	1,091.6	312.4	116.4	610.4	511.5	n.p.	14,836.1
% change from preceding quarter																
1989																
March	2.2	4.6	0.7	1.6	n.p.	6.2	-3.8	-0.6	10.8	6.1	-2.2	-10.3	1.8	7.7	n.p.	2.3
June	-1.3	-0.4	-1.7	4.5	n.p.	-5.8	-0.4	4.2	1.1	5.1	6.7	3.7	2.3	2.5	n.p.	0.1
September	1.6	-4.6	-0.7	0.8	n.p.	-4.2	2.5	4.3	-2.8	4.4	-6.5	3.4	2.7	3.1	n.p.	0.9
December	-0.3	-0.9	8.8	-2.3	n.p.	-2.5	1.7	1.8	-9.5	1.7	5.3	-9.8	4.0	-4.1	n.p.	0.3
1990																
March	0.3	7.4	3.5	-2.4	n.p.	0.5	-4.9	-0.1	1.6	1.2	-2.8	2.8	0.0	3.3	n.p.	0.0
% change from corresponding quarter of previous year																
1989																
March	2.8	9.5	-2.9	-2.4	n.p.	2.0	-1.5	-9.2	16.4	4.9	-5.6	-9.5	11.8	5.9	n.p.	3.1
June	2.6	11.9	-5.1	3.1	n.p.	-1.4	-1.6	-1.9	13.1	12.0	-0.8	-0.7	13.0	13.2	n.p.	3.6
September	4.6	1.5	-2.6	4.9	n.p.	-8.9	1.5	7.2	8.3	18.4	-2.3	-4.4	10.2	19.5	n.p.	5.0
December	2.2	-1.5	6.9	4.5	n.p.	-6.5	-0.1	10.0	-1.5	18.3	2.6	-13.2	11.2	9.2	n.p.	3.7
1990																
March	0.3	1.1	9.9	0.3	n.p.	-11.6	-1.2	10.6	-9.7	12.8	2.0	-0.5	9.2	4.7	n.p.	1.4

(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
	ORIGINAL \$ million								
1989									
February	1,979.0	1,495.8	939.8	452.8	513.3	147.3	53.4	98.7	5,680.1
March	2,268.8	1,687.8	1,066.0	519.8	583.0	164.0	59.9	111.5	6,460.9
April	2,215.1	1,606.4	1,024.3	501.3	549.0	152.6	58.0	108.2	6,215.0
May	2,307.4	1,680.3	1,084.4	517.1	575.3	160.7	64.4	112.5	6,502.0
June	2,331.0	1,657.5	1,129.2	509.7	578.5	161.6	67.6	112.0	6,547.2
July	2,298.6	1,624.5	1,106.2	508.1	562.5	154.8	69.7	116.1	6,440.6
August	2,323.2	1,659.7	1,122.3	521.7	580.0	163.4	72.8	116.1	6,559.2
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
Standard error (b) of Level	41.6	28.8	22.3	11.1	10.4	3.8	1.8	2.8	57.5
Change	13.3	14.6	5.8	4.5	3.0	1.6	0.8	1.3	21.4
TREND ESTIMATES (c) \$ million									
1989									
February	2,289.7	1,686.8	1,078.8	524.8	576.5	162.7	n.p.	114.5	6,491.5
March	2,318.2	1,691.7	1,094.0	524.6	578.7	163.5	n.p.	113.7	6,545.8
April	2,346.2	1,698.5	1,108.7	524.1	581.2	163.9	n.p.	113.1	6,603.4
May	2,371.7	1,706.6	1,121.9	523.9	585.0	164.3	n.p.	113.2	6,659.0
June	2,395.2	1,712.9	1,133.4	524.9	590.7	165.1	n.p.	114.1	6,712.1
July	2,416.1	1,718.5	1,143.7	527.1	598.2	166.2	n.p.	115.5	6,762.3
August	2,431.0	1,727.0	1,151.3	530.4	606.5	167.6	n.p.	117.0	6,805.7
September	2,438.0	1,741.1	1,156.6	534.1	613.0	168.7	n.p.	118.5	6,840.1
October	2,441.1	1,759.1	1,161.2	537.8	616.3	169.6	n.p.	119.9	6,868.8
November	2,445.2	1,776.0	1,166.3	541.0	616.6	170.5	n.p.	120.9	6,894.8
December	2,456.1	1,787.7	1,172.1	544.1	615.6	171.8	n.p.	121.7	6,927.3
1990									
January	2,475.5	1,792.4	1,178.4	547.1	615.0	173.6	n.p.	122.4	6,963.3
February	2,499.6	1,789.7	1,184.7	549.8	615.5	175.6	n.p.	122.8	6,996.3
March	2,524.8	1,782.5	1,190.0	552.2	617.0	177.7	n.p.	123.1	7,025.9
April	2,551.6	1,775.7	1,196.1	554.1	619.6	179.6	n.p.	123.0	7,057.2

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)									
% change from preceding month									
1989									
February	0.7	0.3	1.3	0.2	0.7	0.9	n.p.	-0.4	0.9
March	1.2	0.3	1.4	0.0	0.4	0.5	n.p.	-0.7	0.8
April	1.2	0.4	1.3	-0.1	0.4	0.2	n.p.	-0.5	0.9
May	1.1	0.5	1.2	0.0	0.7	0.2	n.p.	0.1	0.8
June	1.0	0.4	1.0	0.2	1.0	0.5	n.p.	0.8	0.8
July	0.9	0.3	0.9	0.4	1.3	0.7	n.p.	1.2	0.7
August	0.6	0.5	0.7	0.6	1.4	0.8	n.p.	1.3	0.6
September	0.3	0.8	0.5	0.7	1.1	0.7	n.p.	1.3	0.5
October	0.1	1.0	0.4	0.7	0.5	0.5	n.p.	1.2	0.4
November	0.2	1.0	0.4	0.6	0.0	0.5	n.p.	0.8	0.4
December	0.4	0.7	0.5	0.6	-0.2	0.8	n.p.	0.7	0.5
1990									
January	0.8	0.3	0.5	0.6	-0.1	1.0	n.p.	0.6	0.5
February	1.0	-0.2	0.5	0.5	0.1	1.2	n.p.	0.3	0.5
March	1.0	-0.4	0.4	0.4	0.2	1.2	n.p.	0.2	0.4
April	1.1	-0.4	0.5	0.3	0.4	1.1	n.p.	-0.1	0.4
TREND ESTIMATES (c)									
% change from corresponding month of previous year									
1989									
February	10.2	6.9	13.9	9.3	10.4	9.9	n.p.	1.7	9.7
March	11.0	6.6	13.7	9.1	10.7	10.1	n.p.	1.3	9.9
April	12.2	6.3	13.0	8.8	10.8	10.1	n.p.	1.3	10.1
May	13.6	6.1	11.9	8.3	11.1	10.2	n.p.	2.1	10.3
June	14.7	5.7	10.8	7.9	11.9	10.2	n.p.	3.4	10.4
July	15.4	5.4	10.2	7.6	13.1	10.4	n.p.	4.9	10.5
August	15.2	5.3	10.0	7.2	14.2	10.5	n.p.	6.2	10.6
September	14.1	5.5	10.2	6.6	14.2	10.3	n.p.	6.7	10.4
October	12.5	6.0	10.6	6.0	12.9	9.7	n.p.	6.8	9.9
November	10.9	6.5	11.0	5.3	10.8	8.7	n.p.	6.3	9.3
December	9.7	6.6	11.0	4.7	8.8	8.0	n.p.	6.0	8.7
1990									
January	8.9	6.5	10.6	4.5	7.4	7.7	n.p.	6.4	8.2
February	9.2	6.1	9.8	4.8	6.8	7.9	n.p.	7.2	7.8
March	8.9	5.4	8.8	5.3	6.6	8.7	n.p.	8.3	7.3
April	8.8	4.5	7.9	5.7	6.6	9.6	n.p.	8.8	6.9

(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								
1989									
March	4,845.2	3,545.5	2,268.1	1,100.7	1,215.8	344.0	126.1	240.2	13,685.6
June	5,089.3	3,597.1	2,356.0	1,124.5	1,242.4	347.8	139.6	250.5	14,147.2
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	5,025.0	3,547.7	2,378.4	1,107.6	1,222.9	354.6	131.1	245.9	14,013.3
	SEASONALLY ADJUSTED ESTIMATES \$ million								
1989									
March	5,202.0	3,755.2	2,413.8	1,177.2	1,278.6	364.9	n.p.	262.9	14,633.5
June	5,299.7	3,720.7	2,458.3	1,152.5	1,277.5	360.0	n.p.	254.6	14,652.1
September	5,322.6	3,732.4	2,483.0	1,162.1	1,312.8	365.2	n.p.	262.6	14,787.7
December	5,323.8	3,759.9	2,495.9	1,171.8	1,329.4	362.3	n.p.	265.7	14,830.8
1990									
March	5,350.1	3,738.7	2,526.1	1,177.3	1,277.9	371.4	n.p.	267.9	14,836.1
	% change from preceding quarter								
1989									
March	3.5	-0.1	1.6	0.7	1.9	4.2	n.p.	-0.7	2.3
June	1.9	-0.9	1.8	-2.1	-0.1	-1.3	n.p.	-3.2	0.1
September	0.4	0.3	1.0	0.8	2.8	1.4	n.p.	3.2	0.9
December	0.0	0.7	0.5	0.8	1.3	-0.8	n.p.	1.1	0.3
1990									
March	0.5	-0.6	1.2	0.5	-3.9	2.5	n.p.	0.8	0.0
	% change from corresponding quarter of previous year								
1989									
March	3.3	0.6	6.2	1.2	4.9	3.5	n.p.	-4.2	3.1
June	7.6	-0.5	5.5	2.2	3.3	4.1	n.p.	-3.9	3.6
September	8.9	0.5	3.3	1.9	9.7	5.1	n.p.	2.0	5.0
December	5.9	0.1	5.1	0.2	6.0	3.4	n.p.	0.4	3.7
1990									
March	2.8	-0.4	4.7	0.0	-0.1	1.8	n.p.	1.9	1.4

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

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

Month	NEW SOUTH WALES										Total					
	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
ORIGINAL \$ million																
1989																
February	497.4	62.3	130.3	328.1	107.4	129.1	191.2	19.4	82.5	99.6	37.5	14.8	90.5	100.6	88.3	1,979.0
March	568.6	69.6	139.0	381.1	112.1	155.8	262.3	24.3	83.6	111.7	42.7	14.4	97.1	98.8	107.6	2,268.8
April	540.4	64.9	133.4	387.8	107.9	171.4	250.2	27.3	83.9	108.5	42.8	16.1	90.7	93.7	96.1	2,215.1
May	531.4	68.1	135.7	384.9	110.9	179.5	272.8	28.8	89.8	126.8	49.3	18.1	99.1	100.1	110.3	2,307.4
June	541.1	69.6	149.2	384.9	120.9	176.1	270.4	37.3	69.0	134.0	52.8	17.4	96.4	96.1	115.7	2,331.0
July	543.3	67.8	148.7	389.8	118.0	170.5	263.5	33.3	66.1	127.5	50.2	18.7	97.0	98.9	105.5	2,298.6
August	563.1	68.2	151.7	394.8	118.5	151.5	253.3	30.4	70.7	129.0	51.3	19.0	104.9	100.4	116.4	2,323.2
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
Standard error (b) of Level	10.6	7.3	13.2	21.3	11.6	12.7	0.0	7.2	8.7	12.0	6.6	1.9	10.2	8.2	12.2	41.6
Change	2.6	1.4	5.1	6.0	5.4	5.2	0.0	0.8	1.9	3.3	2.8	0.9	2.9	2.3	3.3	13.3
TREND ESTIMATES (c)																
\$ million																
1989																
November	571.6	69.0	161.4	406.8	n.p.	172.2	286.8	33.8	75.9	136.5	58.0	17.9	109.9	95.6	n.p.	2,445.2
December	574.9	70.8	165.4	405.8	n.p.	174.7	284.5	34.2	72.8	136.8	57.7	18.1	110.8	95.1	n.p.	2,456.1
1990																
January	578.3	72.7	169.6	407.9	n.p.	178.0	282.7	34.7	70.3	137.4	56.7	18.4	111.8	95.9	n.p.	2,475.5
February	581.4	74.3	173.3	411.8	n.p.	181.1	281.7	35.1	68.6	138.5	55.7	18.8	113.3	97.7	n.p.	2,499.6
March	583.8	75.6	176.3	416.4	n.p.	183.8	281.8	35.3	67.6	139.8	54.9	19.2	115.3	99.6	n.p.	2,524.8
April	586.2	76.6	178.6	422.5	n.p.	186.5	283.0	35.3	67.4	141.0	54.3	19.6	117.2	101.7	n.p.	2,551.6
% change from preceding month																
1989																
November	0.6	2.1	2.0	-1.1	n.p.	0.8	-0.6	0.0	-4.5	0.2	1.0	0.6	1.4	-2.1	n.p.	0.2
December	0.6	2.6	2.5	-0.2	n.p.	1.5	-0.8	1.2	-4.1	0.2	-0.5	1.1	0.8	-0.5	n.p.	0.4
1990																
January	0.6	2.7	2.5	0.5	n.p.	1.9	-0.6	1.5	-3.4	0.4	-1.7	1.7	0.9	0.8	n.p.	0.8
February	0.5	2.2	2.2	1.0	n.p.	1.7	-0.4	1.2	-2.4	0.8	-1.8	2.2	1.3	1.9	n.p.	1.0
March	0.4	1.7	1.7	1.1	n.p.	1.5	0.0	0.6	-1.5	0.9	-1.4	2.1	1.8	1.9	n.p.	1.0
April	0.4	1.3	1.3	1.5	n.p.	1.5	0.4	0.0	-0.3	0.9	-1.1	2.1	1.6	2.1	n.p.	1.1

See footnotes at end of table.

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

Month	Grocers,		Hotels,		Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment & 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
	confect- ioners, tobacco	Butchers	liquor stores, licensed clubs	Other food stores												
VICTORIA																
ORIGINAL \$ million																
1989																
February	478.7	32.2	165.7	101.8	68.3	135.5	128.8	18.1	61.0	78.3	34.2	14.1	51.0	49.2	78.8	1,495.8
March	552.8	40.0	173.6	104.3	81.1	137.9	164.4	20.7	67.8	92.6	38.8	15.3	58.6	55.3	84.5	1,687.8
April	497.0	39.2	158.0	104.8	78.4	147.4	159.0	24.7	64.5	95.7	37.3	17.8	55.3	51.0	76.3	1,606.4
May	509.4	43.7	154.0	103.0	82.5	155.7	174.6	25.1	71.9	108.3	37.5	18.2	60.7	55.6	80.0	1,680.3
June	511.7	45.6	154.4	101.5	81.7	146.2	189.8	24.6	60.0	97.7	39.5	15.9	56.9	56.8	75.2	1,657.5
July	509.1	38.1	153.1	100.0	87.9	136.8	157.3	22.0	68.7	101.9	35.2	18.4	58.6	55.6	81.6	1,624.5
August	541.3	38.7	155.6	95.8	85.1	131.0	163.2	18.5	61.8	108.2	38.6	17.4	62.2	61.8	80.4	1,659.7
September	524.9	35.9	173.6	103.4	90.8	132.0	169.5	19.3	68.4	110.9	36.8	16.1	63.1	60.5	83.9	1,689.1
October	517.5	35.0	173.0	120.0	88.9	135.9	172.5	20.3	72.5	110.5	39.9	14.5	61.1	60.8	84.3	1,706.8
November	547.4	34.0	185.3	119.2	89.2	144.6	208.8	22.4	76.5	116.2	44.7	18.6	65.1	63.1	89.0	1,824.1
December	645.2	53.8	248.0	126.6	116.0	209.9	390.8	28.1	132.2	157.9	42.1	16.9	85.5	89.2	152.0	2,494.2
1990																
January	544.5	45.1	185.8	114.1	88.9	118.2	151.3	21.8	71.4	106.5	34.4	12.5	65.7	76.2	87.8	1,724.0
February	515.0	41.6	169.0	101.1	85.4	106.2	135.3	18.8	61.1	100.2	30.4	14.6	59.7	69.6	73.6	1,581.9
March	583.2	50.5	176.9	106.6	102.3	119.3	165.7	19.9	66.3	102.4	32.1	13.4	65.7	57.3	84.3	1,745.8
April	538.2	45.8	163.8	100.6	86.3	131.3	177.6	23.2	59.9	105.0	29.9	11.7	62.8	49.9	82.1	1,668.1
Standard error (b) of																
Level	13.8	8.0	9.4	7.7	9.5	8.1	0.0	1.7	3.2	8.0	3.3	1.6	4.9	8.0	9.5	28.8
Change	3.6	1.6	2.3	3.9	7.0	3.7	0.0	0.6	1.5	3.8	1.4	0.8	1.1	2.8	9.3	14.6
TREND ESTIMATES (c)																
\$ million																
1989																
November	540.7	39.3	178.8	113.1	n.p.	139.4	193.5	21.9	72.1	115.9	37.3	15.5	64.0	66.5	n.p.	1,776.0
December	544.1	42.3	178.6	113.6	n.p.	139.1	193.0	22.2	71.5	115.8	37.0	15.2	64.7	67.0	n.p.	1,787.7
1990																
January	548.5	45.2	177.3	112.0	n.p.	138.0	190.9	22.3	71.1	115.3	36.4	14.9	65.7	66.6	n.p.	1,792.4
February	552.6	47.6	175.6	109.4	n.p.	136.3	188.7	22.3	70.7	114.8	35.5	14.6	66.8	65.1	n.p.	1,789.7
March	555.8	49.4	174.1	106.5	n.p.	134.6	187.2	22.2	70.0	114.4	34.7	14.1	67.8	63.0	n.p.	1,782.5
April	559.2	50.8	172.9	103.2	n.p.	133.4	185.8	22.1	70.1	114.2	34.0	13.7	69.0	60.6	n.p.	1,775.7
% change from preceding month																
1989																
November	0.4	5.4	0.6	2.2	n.p.	0.3	0.5	1.4	-1.2	1.2	0.3	-2.5	0.6	2.0	n.p.	1.0
December	0.6	7.6	-0.1	0.4	n.p.	-0.2	-0.3	1.4	-0.8	-0.1	-0.8	-1.9	1.1	0.8	n.p.	0.7
1990																
January	0.8	6.9	-0.7	-1.4	n.p.	-0.8	-1.1	0.5	-0.6	-0.4	-1.6	-2.0	1.5	-0.6	n.p.	0.3
February	0.7	5.3	-1.0	-2.3	n.p.	-1.2	-1.2	0.0	-0.6	-0.4	-2.5	-2.0	1.7	-2.3	n.p.	-0.2
March	0.6	3.8	-0.9	-2.7	n.p.	-1.2	-0.8	-0.4	-1.0	-0.3	-2.3	-3.4	1.5	-3.2	n.p.	-0.4
April	0.6	2.8	-0.7	-3.1	n.p.	-0.9	-0.7	-0.5	0.1	-0.2	-2.0	-2.8	1.8	-3.8	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	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment & 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	
																	QUEENSLAND
ORIGINAL \$ million																	
1989																	
February	281.5	30.1	64.0	121.2	31.5	78.0	88.3	11.9	27.0	61.6	18.1	9.9	27.3	45.6	43.7	939.8	
March	316.4	33.8	72.1	136.4	35.7	88.0	108.6	13.8	29.9	66.6	19.4	8.6	34.7	50.0	51.9	1,066.0	
April	301.6	30.8	70.2	128.4	34.6	90.0	99.8	15.4	27.3	66.1	19.5	8.4	36.7	48.3	47.1	1,024.3	
May	301.1	33.8	73.5	132.2	33.9	101.6	115.2	16.6	28.1	72.5	19.3	10.0	40.5	50.6	54.6	1,084.4	
June	316.9	36.5	74.0	137.6	38.9	109.4	125.7	20.6	27.6	76.4	21.0	9.4	41.5	43.1	51.5	1,129.2	
July	315.0	36.7	77.7	140.6	41.9	101.3	109.5	17.6	24.1	77.0	18.0	9.0	40.1	43.4	54.5	1,106.2	
August	322.7	34.9	79.4	135.1	41.8	98.7	117.0	14.6	25.2	81.9	19.5	9.7	41.3	45.3	55.4	1,122.3	
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	1,167.3	
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	
Level	11.0	4.0	8.9	8.1	7.8	8.2	0.0	1.6	2.9	2.8	1.8	1.3	4.1	4.8	4.9	22.3	
Change	2.5	0.7	1.8	2.5	1.6	2.0	0.0	0.4	1.2	1.2	0.4	0.8	0.9	1.0	2.2	5.8	
TREND ESTIMATES (c)																	
\$ million																	
1989																	
November	328.0	34.4	80.5	149.9	n.p.	96.2	129.2	17.9	29.6	82.3	20.9	9.2	40.3	43.2	n.p.	1,166.3	
December	328.6	34.0	80.5	151.4	n.p.	95.9	129.1	18.2	30.6	81.3	22.6	9.0	41.3	42.6	n.p.	1,172.1	
1990																	
January	330.1	33.9	81.3	151.3	n.p.	96.2	128.9	18.3	31.6	80.5	24.0	9.0	42.2	42.3	n.p.	1,178.4	
February	332.2	33.9	82.6	150.1	n.p.	96.7	128.8	18.3	32.7	80.0	25.0	9.0	43.0	42.2	n.p.	1,184.7	
March	334.3	34.1	84.0	148.1	n.p.	97.3	128.8	18.3	33.7	79.6	25.8	9.2	43.7	42.3	n.p.	1,190.0	
April	337.4	34.5	85.7	146.3	n.p.	97.9	128.4	18.3	34.6	79.3	26.2	9.4	44.4	42.4	n.p.	1,196.1	
% change from preceding month																	
1989																	
November	0.0	-1.4	-0.4	1.8	n.p.	-1.4	-0.1	1.7	2.1	-0.7	7.2	-2.1	1.5	-1.6	n.p.	0.4	
December	0.2	-1.2	0.0	1.0	n.p.	-0.3	-0.1	1.7	3.4	-1.2	8.1	-2.2	2.5	-1.4	n.p.	0.5	
1990																	
January	0.5	-0.3	1.0	-0.1	n.p.	0.3	-0.2	0.5	3.3	-1.0	6.2	0.0	2.2	-0.7	n.p.	0.5	
February	0.6	0.0	1.6	-0.8	n.p.	0.5	-0.1	0.0	3.5	-0.6	4.2	0.0	1.9	-0.2	n.p.	0.5	
March	0.6	0.6	1.7	-1.3	n.p.	0.6	0.0	0.0	3.1	-0.5	3.2	2.2	1.6	0.2	n.p.	0.4	
April	0.9	1.2	2.0	-1.2	n.p.	0.6	-0.3	0.0	2.7	-0.4	1.6	2.2	1.6	0.2	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	SOUTH AUSTRALIA										Total				
	Grocers, confectioners, tobacco- onists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment & 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															
February	144.0	12.0	31.8	56.3	20.2	26.1	55.4	5.2	9.5	31.6	12.7	3.8	15.2	11.4	17.6
March	158.3	12.7	38.4	66.6	24.1	30.0	70.4	6.2	11.0	32.2	14.0	4.5	16.2	12.5	22.6
April	143.6	12.7	37.7	62.5	24.0	32.9	74.6	7.2	10.1	31.4	12.9	5.0	15.9	11.0	19.9
May	149.4	12.9	36.2	59.0	24.4	34.5	78.6	7.3	10.4	34.8	14.7	5.1	15.9	11.9	22.1
June	150.1	12.3	34.8	57.8	20.9	34.8	76.5	7.3	11.1	34.0	13.0	5.1	17.5	11.4	23.1
July	150.1	12.2	33.5	57.8	24.8	33.7	73.6	6.9	10.9	33.6	13.6	5.5	17.7	11.6	22.6
August	157.2	12.7	35.0	58.3	23.7	30.8	76.0	6.0	13.6	35.4	14.3	5.5	18.7	12.3	22.2
September	153.7	12.4	37.3	58.0	21.0	34.6	75.2	6.8	13.4	30.2	14.4	5.6	19.0	11.8	25.0
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
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
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
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
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
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
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
Standard error (b) of															
Level	3.3	1.9	3.9	5.5	4.8	4.2	0.0	0.6	1.1	3.1	1.3	0.4	2.6	0.7	2.0
Change	0.9	0.5	1.7	3.5	1.2	1.3	0.0	0.2	0.3	0.9	0.5	0.2	0.3	0.3	0.6
	TREND ESTIMATES (c)														
	\$ million														
1989															
November	158.8	13.2	36.9	60.5	n.p.	35.4	84.9	7.3	14.4	31.8	15.1	5.3	19.3	13.0	n.p.
December	160.3	13.3	37.7	59.9	n.p.	35.7	85.6	7.4	14.3	32.2	15.4	5.2	19.4	13.5	n.p.
1990															
January	161.6	13.4	38.4	59.7	n.p.	36.0	85.7	7.4	14.3	32.9	15.5	5.2	19.4	13.9	n.p.
February	162.8	13.4	39.2	59.9	n.p.	36.2	85.4	7.4	14.4	33.7	15.5	5.2	19.3	14.1	n.p.
March	163.8	13.3	40.0	60.3	n.p.	36.4	85.0	7.4	14.5	34.5	15.5	5.1	19.3	14.1	n.p.
April	164.5	13.3	40.7	60.9	n.p.	36.6	84.5	7.4	14.5	35.3	15.4	5.1	19.3	14.1	n.p.
	% change from preceding month														
1989															
November	0.9	1.5	1.9	-1.3	n.p.	0.6	1.7	1.4	0.0	0.3	3.4	-1.9	1.0	4.8	0.6
December	0.9	0.8	2.2	-1.0	n.p.	0.8	0.8	1.4	-0.7	1.3	2.0	-1.9	0.5	3.8	0.6
1990															
January	0.8	0.8	1.9	-0.3	n.p.	0.8	0.1	0.0	0.0	2.2	0.6	0.0	0.0	3.0	0.6
February	0.7	0.0	2.1	0.3	n.p.	0.6	-0.4	0.0	0.7	2.4	0.0	0.0	-0.5	1.4	0.5
March	0.6	-0.7	2.0	0.7	n.p.	0.6	-0.5	0.0	0.7	2.4	0.0	-1.9	0.0	0.0	0.4
April	0.4	0.0	1.8	1.0	n.p.	0.5	-0.6	0.0	0.0	2.3	-0.6	0.0	0.0	0.0	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	WESTERN AUSTRALIA										Total				
	Grocers, confectioners, tobacco	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment & 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															
February	175.4	5.5	29.9	66.3	20.3	30.3	51.2	6.0	10.7	35.0	12.2	7.7	20.0	17.0	25.8
March	196.1	6.6	33.8	76.9	25.3	35.6	66.3	6.9	11.7	41.2	9.2	7.9	20.7	16.0	28.6
April	177.4	6.5	30.2	69.5	23.5	40.9	67.5	7.1	10.8	40.7	9.9	6.7	19.4	12.6	26.3
May	183.1	7.3	32.3	66.8	20.9	43.6	74.2	8.2	12.3	48.0	11.7	5.8	21.2	14.5	25.2
June	187.8	7.5	33.8	71.2	21.4	39.1	73.6	7.5	13.0	43.1	9.3	7.3	21.9	16.1	25.8
July	182.1	7.4	31.3	70.6	24.4	39.3	63.5	7.7	14.2	41.9	9.5	6.9	21.1	16.0	26.7
August	191.3	7.8	34.9	72.7	23.7	39.1	66.2	6.5	15.2	39.2	9.0	7.6	22.2	17.7	26.8
September	195.1	7.5	36.4	77.2	30.1	37.3	70.6	7.4	15.3	39.4	8.3	8.7	24.4	16.9	29.6
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
Level	3.3	1.0	4.5	4.1	5.5	2.7	0.0	0.2	1.2	1.4	1.1	0.7	2.6	2.3	2.3
Change	1.1	0.3	1.0	1.0	1.1	1.0	0.0	0.0	0.3	0.6	0.3	0.1	0.9	1.3	0.8
TREND ESTIMATES (c) \$ million															
1989															
November	195.5	7.8	38.1	76.5	n.p.	38.4	74.8	7.4	16.0	42.3	8.7	8.0	25.1	17.5	n.p.
December	195.4	7.9	38.6	74.8	n.p.	37.8	74.6	7.4	15.7	42.8	9.0	8.2	25.8	17.6	n.p.
1990															
January	196.0	7.8	38.9	73.6	n.p.	37.4	74.3	7.5	15.5	43.3	9.2	8.4	26.2	18.1	n.p.
February	197.0	7.7	39.3	72.8	n.p.	37.3	74.0	7.5	15.3	43.7	9.5	8.5	26.5	18.8	n.p.
March	198.1	7.5	39.8	72.5	n.p.	37.5	74.0	7.5	15.0	44.1	9.7	8.6	26.7	19.7	n.p.
April	199.7	7.2	40.3	72.4	n.p.	37.7	74.1	7.4	14.7	44.5	9.8	8.7	26.9	20.6	n.p.
% change from preceding month															
1989															
November	-0.2	2.6	1.9	-2.2	n.p.	-1.5	-0.4	0.0	-1.8	1.4	2.4	3.9	3.3	-1.1	n.p.
December	-0.1	1.3	1.3	-2.2	n.p.	-1.6	-0.3	0.0	-1.9	1.2	3.4	2.5	2.8	0.6	n.p.
1990															
January	0.3	-1.3	0.8	-1.6	n.p.	-1.1	-0.4	1.4	-1.3	1.2	2.2	2.4	1.6	2.8	n.p.
February	0.5	-1.3	1.0	-1.1	n.p.	-0.3	-0.4	0.0	-1.3	0.9	3.3	1.2	1.1	3.9	n.p.
March	0.6	-2.6	1.3	-0.4	n.p.	0.5	0.0	0.0	-2.0	0.9	2.1	1.2	0.8	4.8	n.p.
April	0.8	-4.0	1.3	-0.1	n.p.	0.5	0.1	-1.3	-2.0	0.9	1.0	1.2	0.7	4.6	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	Grocers, confectioners, tobacconists		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		
	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															
TASMANIA																													
ORIGINAL \$ million																													
1989																													
February	47.0	3.7	8.2	21.6	4.5	11.2	14.0	2.4	2.6	6.4	3.6	1.2	5.6	5.3	9.8	147.3													
March	53.8	4.3	8.7	24.8	4.9	11.7	16.1	2.2	2.7	8.8	3.5	1.4	6.2	5.6	9.5	164.0													
April	49.5	3.8	7.5	21.9	4.3	11.8	16.3	2.5	2.5	8.6	3.6	1.3	6.0	4.8	8.3	152.6													
May	50.9	4.4	7.7	21.7	4.4	13.1	17.6	2.7	2.8	10.1	4.0	1.5	6.3	5.2	8.3	160.7													
June	52.4	3.4	8.0	22.2	5.4	13.3	18.2	2.9	2.3	9.4	3.5	1.5	6.1	5.1	7.7	161.6													
July	50.5	3.8	8.4	21.9	5.9	10.9	15.4	2.5	2.4	9.0	3.7	1.4	6.5	4.9	7.4	154.8													
August	53.5	3.9	8.5	22.7	5.6	11.7	16.7	2.4	2.9	9.5	3.7	1.6	6.8	5.8	8.0	163.4													
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	6.9	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													
Level	1.5	0.5	1.0	2.3	1.3	1.1	0.0	0.3	0.3	0.3	0.2	0.1	0.5	0.9	0.9	3.8													
Change	0.3	0.2	0.4	1.2	0.6	0.4	0.0	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.3	1.6													
TREND ESTIMATES(c)																													
\$ million																													
1989																													
November	54.4	4.3	9.1	24.5	n.p.	13.4	18.8	2.6	3.0	9.2	3.7	1.5	6.3	6.7	n.p.	170.5													
December	54.8	4.4	9.2	24.7	n.p.	13.3	18.9	2.7	2.9	9.5	3.6	1.6	6.2	7.2	n.p.	171.8													
1990																													
January	55.3	4.4	9.2	24.8	n.p.	13.3	18.9	2.7	2.9	9.8	3.6	1.6	6.2	7.5	n.p.	173.6													
February	56.0	4.4	9.1	24.9	n.p.	13.3	18.8	2.8	2.9	10.1	3.6	1.6	6.3	7.9	n.p.	175.6													
March	56.7	4.3	9.0	25.0	n.p.	13.5	18.6	2.8	2.9	10.3	3.5	1.7	6.3	8.2	n.p.	177.7													
April	57.5	4.3	8.8	25.1	n.p.	13.6	18.5	2.8	3.0	10.4	3.5	1.7	6.4	8.5	n.p.	179.6													
% change from preceding month																													
1989																													
November	0.4	4.9	2.2	0.4	n.p.	0.0	1.1	0.0	-3.2	2.2	0.0	0.0	0.0	4.7	n.p.	0.5													
December	0.7	2.3	1.1	0.8	n.p.	-0.7	0.5	3.8	-3.3	3.3	-2.7	6.7	-1.6	7.5	n.p.	0.8													
1990																													
January	0.9	0.0	0.0	0.4	n.p.	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	4.2	n.p.	1.0													
February	1.3	0.0	-1.1	0.4	n.p.	0.0	-0.5	3.7	0.0	3.1	0.0	0.0	1.6	5.3	n.p.	1.2													
March	1.3	-2.3	-1.1	0.4	n.p.	1.5	-1.1	0.0	0.0	2.0	-2.8	6.3	0.0	3.8	n.p.	1.2													
April	1.4	0.0	-2.2	0.4	n.p.	0.7	-0.5	0.0	3.4	1.0	0.0	0.0	1.6	3.7	n.p.	1.1													

See footnotes at end of table.

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

Month	AUSTRALIAN CAPITAL TERRITORY											Total			
	Grocers, confect- ioners, tobacc-	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment & 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															
February	25.6	1.8	5.4	10.1	6.8	7.5	10.6	1.2	3.7	6.7	3.1	1.1	3.2	4.8	98.7
March	27.9	2.0	5.7	12.1	7.5	10.3	14.9	1.5	2.8	6.9	3.1	1.3	3.5	5.0	111.5
April	26.2	2.1	5.7	11.7	6.5	11.2	14.6	1.5	3.0	6.7	3.0	1.4	3.7	4.6	108.2
May	26.5	2.0	5.7	11.6	7.4	11.4	15.2	1.6	2.9	7.5	3.5	1.3	4.2	5.2	112.5
June	29.0	1.9	5.2	12.1	6.5	12.3	14.2	1.8	3.1	6.9	3.4	1.5	4.5	4.1	112.0
July	29.9	2.1	5.8	12.7	7.4	12.9	15.8	1.4	3.0	6.2	2.8	1.3	4.6	4.2	116.1
August	31.1	2.5	6.0	12.9	7.2	11.3	14.2	1.4	3.0	6.3	2.8	1.6	5.1	4.8	116.1
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	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	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	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	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	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	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	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	118.4
Level	1.8	0.3	0.8	1.0	1.1	0.5	0.0	0.0	0.1	0.6	0.3	0.0	0.3	0.5	2.8
Change	0.7	0.2	0.4	0.4	0.5	0.3	0.0	0.0	0.1	0.3	0.3	0.0	0.4	0.2	1.3
	TREND ESTIMATES (c)														
	\$ million														
1989															
November	32.0	2.1	6.3	13.1	n.p.	10.2	17.5	1.7	3.5	7.1	3.7	1.4	4.5	4.6	120.9
December	31.9	2.1	6.6	12.9	n.p.	9.8	17.9	1.7	3.5	7.3	3.6	1.4	4.5	4.7	121.7
1990															
January	31.9	2.1	6.8	12.8	n.p.	9.4	18.1	1.7	3.6	7.5	3.6	1.4	4.4	4.8	122.4
February	31.9	2.1	7.0	12.7	n.p.	9.2	18.2	1.7	3.6	7.6	3.6	1.4	4.4	4.8	122.8
March	31.9	2.1	7.2	12.6	n.p.	9.0	18.1	1.7	3.7	7.7	3.5	1.4	4.3	4.8	123.1
April	31.9	2.1	7.3	12.6	n.p.	8.8	17.9	1.7	3.8	7.8	3.5	1.4	4.2	4.8	123.0
	% change from preceding month														
1989															
November	0.0	-4.5	3.3	-0.8	n.p.	-4.7	3.6	0.0	-2.8	6.0	0.0	0.0	-2.2	2.2	0.8
December	-0.3	0.0	4.8	-1.5	n.p.	-3.9	2.3	0.0	0.0	2.8	-2.7	0.0	0.0	2.2	0.7
1990															
January	0.0	0.0	3.0	-0.8	n.p.	-4.1	1.1	0.0	2.9	2.7	0.0	0.0	-2.2	2.1	0.6
February	0.0	0.0	2.9	-0.8	n.p.	-2.1	0.6	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.3
March	0.0	0.0	2.9	-0.8	n.p.	-2.2	-0.5	0.0	2.8	1.3	-2.8	0.0	-2.3	0.0	0.2
April	0.0	0.0	1.4	0.0	n.p.	-2.2	-1.1	0.0	2.7	1.3	0.0	0.0	-2.3	0.0	-0.1

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

**TABLE 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>
1989						
February	38.4	-3.0	15.0	-5.1	53.4	-3.8
March	42.5	10.7	17.3	15.3	59.9	12.2
April	41.0	-3.5	17.1	-1.2	58.0	-3.2
May	45.8	11.7	18.6	8.8	64.4	11.0
June	46.6	1.7	21.0	12.9	67.6	5.0
July	47.6	2.1	21.8	3.8	69.7	3.1
August	49.9	4.8	23.1	6.0	72.8	4.4
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
1990						
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
Standard error (c) of						
<i>Level</i>	1.6		0.9		1.8	
<i>Change</i>	0.8		0.4		0.8	

Note: Series is not long enough to provide sufficient information to allow reliable seasonal adjustment estimates. (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.

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 -\$296.5 million (-4.3 per cent) in the total value of turnover between March 1990 and April 1990 has a standard error of about \$21.4 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 -\$275.1 million to -\$317.9 million (-4.0 per cent to -4.6 per cent) and nineteen chances in twenty that the change would be within -\$253.7 million to -\$339.3 million (-3.7 per cent to -4.9 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. 1

1. 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.

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 May seasonally adjusted result shows a +1.0% movement, then the trend movement would be 0.5% for May, 0.6% for April and 0.6% for March. A -1.0% seasonally adjusted result would return trend movements of 0.2%, 0.3% and 0.4% 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.

Related publications

26. 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

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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 through PAXUS COMNET. For further information phone the AUSSTATS Help Desk on (06) 252 6017.

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