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RETAIL TRADE
AUSTRALIA, JUNE 1989

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- *about these statistics* — contact Mr Mark Allenby on Canberra (062) 52 6132 or any ABS State office.
- *about the constant price estimates* —contact Mr Graeme Groves on Canberra (062) 52 6807
- *about other statistics and ABS services* — contact **Information Services** on Canberra (062) 52 6627, 52 5402, 52 6007 or any ABS State office.

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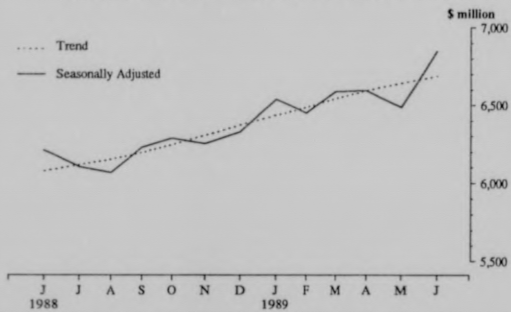
NOTE: This publication contains revisions to the Australian seasonally adjusted series resulting from the annual seasonal re-analysis. See paragraphs 23 and 24 in the Explanatory Notes for more details.

SUMMARY OF FINDINGS

TURNOVER OF RETAIL ESTABLISHMENTS, AUSTRALIA

CHART 1 : MONTHLY ESTIMATES, CURRENT PRICES



AUSTRALIAN ESTIMATES

The estimated monthly turnover of retail establishments in Australia in original terms (excluding motor vehicles, parts, petrol etc) increased by 0.6% in June (from $6,502 million to $6,543 million). In seasonally adjusted terms, Retail turnover grew by 5.5% (from $6,490 million to $6,847 million).

The June quarter 1989 Australian retail turnover has changed over the March quarter 1989 as follows:

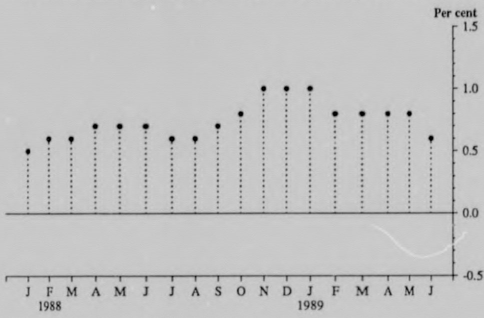
Series	*Current Price*	*Constant Prices*
Original	+5.4%	+3.3%
Seasonally Adjusted	+1.8%	0.0%
Trend	+2.4%	n.a.

The trend estimates for the most recent months now show moderate rates of growth rather than the weak growth indicated in the previous bulletin. This revision of the trend estimates has been brought about by the addition of a further month's data and the seasonal re-analysis referred to above.

Readers are reminded that trend estimates are subject to revision as subsequent months data become available. Refer to paragraph 25 of the explanatory notes for an explanation of the trend estimation process.

TURNOVER OF RETAIL ESTABLISHMENTS, AUSTRALIA

CHART 2 : MONTHLY CHANGES IN TREND, CURRENT PRICES



INDUSTRY ESTIMATES

Trend estimates for the four largest industries are showing varying rates of growth.

- The largest industry, Grocers, confectioners and tobacconists is showing trend growth averaging 0.4% per month for the last 3 months (0.9% per month over the last year).

- The second largest industry, Hotels, liquor stores, licensed clubs continues to show strong trend growth averaging 1.9% over the last 3 months (0.7% over the last year).

- Department stores are currently averaging trend growth of a modest 0.5% per month over the last 3 months (0.4% over the past year).

- Clothing and fabric stores are showing an average -1.0% trend per month over the past 3 months (0.1% per month over the last year).

Other food stores (averaging 1.4% per month), Footwear stores (averaging 1.7% per month), Electrical goods stores (averaging 1.0% per month), Furniture stores (averaging 1.1% per month) and Newsagents (averaging 1.2% per month) are all showing reasonably strong growth over the 3 months ended June.

STATE ESTIMATES

Trend estimates for New South Wales and Queensland continue to show reasonably strong growth averaging 1.1% per month over the past 3 months. New South Wales in particular has an average of 1.1% per month over the last 12 months.

The other States show small or negative rates of trend growth. The ACT is showing a negative rate of growth of an average of -0.8% per month over the last 3 months.

NOTE: Explanatory Notes are published at the end of this publication.

TURNOVER OF RETAIL ESTABLISHMENTS
AUSTRALIA

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

CHART 3: GROCERS

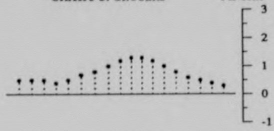


CHART 4 : OTHER FOOD STORES

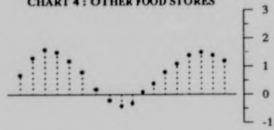


CHART 5 : HOTELS, CLUBS etc

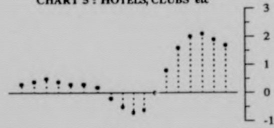


CHART 6 : CLOTHING STORES etc

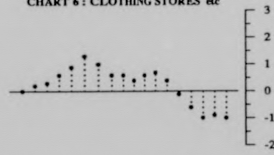


CHART 7 : DEPARTMENT STORES

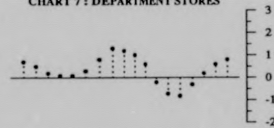
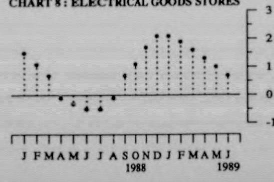


CHART 8 : ELECTRICAL GOODS STORES



TURNOVER OF RETAIL ESTABLISHMENTS

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

CHART 9 : NEW SOUTH WALES

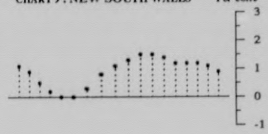


CHART 10 : VICTORIA

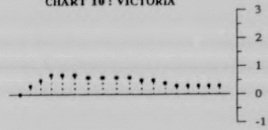


CHART 11 : QUEENSLAND

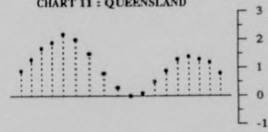


CHART 12 : SOUTH AUSTRALIA

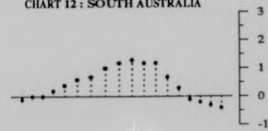


CHART 13 : WESTERN AUSTRALIA

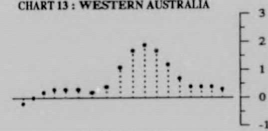


CHART 14 : TASMANIA

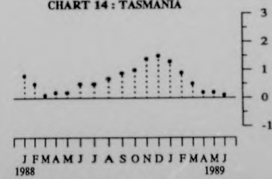


TABLE 1. TURNOVER OF RETAIL ESTABLISHMENTS, MONTHLY ESTIMATES, AT CURRENT PRICES, AUSTRALIA (a) (b)

	Original			*Seasonally adjusted*		*Trend estimates (c)*		
Month	*$m*	*% change from preceding month*	*% change from corresponding month of previous year*	*$m*	*% change from preceding month*	*$m*	*% change from preceding month*	*% change from corresponding month of previous year*
1988								
April	5,712.6	-3.6	6.3	5,910.1	-2.0	5,998.1	0.7	7.8
May	5,888.4	3.1	6.4	6,001.8	1.6	6,039.3	0.7	7.7
June	5,870.0	-0.3	10.8	6,212.6	3.5	6,080.9	0.7	7.5
July	5,847.9	-0.4	3.0	6,105.4	-1.7	6,118.3	0.6	7.3
August	5,877.9	0.5	8.8	6,069.3	-0.6	6,156.2	0.6	7.3
September	6,101.0	3.8	9.2	6,229.3	2.6	6,198.4	0.7	7.4
October	6,186.8	1.4	4.6	6,289.2	1.0	6,247.9	0.8	7.7
November	6,503.8	5.1	10.6	6,254.2	-0.6	6,309.2	1.0	8.3
December	8,786.5	35.1	8.5	6,330.7	1.2	6,375.3	1.0	8.9
1989								
January	6,133.1	-30.2	10.6	6,539.9	3.3	6,437.5	1.0	9.4
February	5,680.1	-7.4	5.6	6,451.2	-1.4	6,491.5	0.8	9.7
March	6,460.9	13.7	9.0	6,590.0	2.2	6,544.6	0.8	9.8
April	6,215.0	-3.8	8.8	6,598.6	0.1	6,596.8	0.8	10.0
May r	6,502.0	4.6	10.4	6,489.7	-1.7	6,647.7	0.8	10.1
June	6,543.0	0.6	11.5	6,846.7	5.5	6,689.8	0.6	10.0
Standard error (d) of								
Latest month	50.7							
Change from previous month	32.5	0.5						

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes. (c) Subject to revision - see paragraphs 21 to 24 of Explanatory Notes. (d) See paragraphs 8 to 11 of Explanatory Notes.

TABLE 2. TURNOVER OF RETAIL ESTABLISHMENTS, QUARTERLY ESTIMATES, AUSTRALIA (a) (b)

	Original			*Seasonally adjusted*		
Quarter	*$m*	*% change from preceding quarter*	*% change from corresponding quarter of previous year*	*$m*	*% change from preceding quarter*	*% change from corresponding quarter of previous year*
			AT CURRENT PRICES			
1988						
June	17,471.0	3.7	7.8	18,124.5	1.8	7.9
September	17,826.8	2.0	7.0	18,404.0	1.5	6.6
December	21,477.1	20.5	8.0	18,874.1	2.6	7.9
1989						
March r	18,274.1	-14.9	8.4	19,581.1	3.7	10.0
June	19,260.0	5.4	10.2	19,935.0	1.8	10.0
			AT CONSTANT (AVERAGE 1984-85) PRICES			
1988						
June	13,622.9	1.2	1.1	14,140.8	-0.5	1.2
September	13,654.2	0.2	-0.2	14,075.1	-0.5	-0.7
December	16,251.2	19.0	1.0	14,309.5	1.7	0.9
1989						
March r	13,687.7	-15.8	1.7	14,648.1	2.4	3.1
June	14,145.1	3.3	3.8	14,641.5	0.0	3.5

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes.

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

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	Furn-iture stores	Floor cover-ings stores	Pharma-cies	News-agents	Other stores	Total
							ORIGINAL $ million									
1988																
April	1,622.6	132.5	374.5	804.1	n.p.	478.0	702.5	87.3	167.5	313.6	118.5	48.8	195.5	188.8	n.p.	5,712.6
May	1,594.4	136.2	376.2	773.5	n.p.	527.2	727.4	94.1	179.8	363.1	142.3	57.9	206.1	209.9	n.p.	5,888.4
June	1,609.1	144.7	378.3	771.7	237.5	512.6	710.3	86.7	174.2	354.5	141.6	61.8	217.7	199.0	270.2	5,870.0
July	1,610.1	149.3	378.3	784.9	253.4	508.0	672.5	80.3	170.1	345.9	135.7	59.2	218.0	197.9	284.3	5,847.9
August	1,653.7	153.9	377.8	773.9	248.6	500.0	640.4	70.2	179.2	345.8	139.6	64.5	235.4	212.1	282.7	5,877.9
September	1,699.9	157.8	398.4	818.4	245.5	531.4	711.4	84.6	184.4	333.6	137.5	63.7	233.4	202.6	298.6	6,101.0
October	1,706.1	158.1	400.6	843.4	249.1	529.2	717.8	87.7	208.3	327.4	139.0	64.8	235.0	208.4	312.0	6,186.8
November	1,759.1	153.6	391.3	837.8	253.3	540.9	855.9	79.5	236.5	371.0	149.4	68.7	237.1	228.1	341.7	6,503.8
December	2,085.0	199.8	431.0	1,063.5	318.1	764.4	1,544.7	102.7	447.3	525.2	165.1	68.3	311.0	286.8	473.8	8,786.5
1989																
January	1,725.7	161.1	415.2	856.8	293.1	492.4	621.0	81.3	215.4	347.0	126.9	48.1	230.0	235.5	283.6	6,133.1
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	1,895.4	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 r	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	1,815.7	177.7	410.3	845.2	300.7	532.0	773.5	97.7	187.3	411.6	144.4	58.3	245.5	235.3	308.0	6,543.0
Standard error (c) of																
Level	18.9	11.3	16.9	22.5	15.7	16.5	0.0	4.0	10.2	11.8	8.7	3.4	9.5	11.0	14.8	50.7
Change	9.5	4.7	10.4	13.1	9.3	8.3	0.0	2.0	13.4	8.7	7.7	2.4	3.6	6.5	11.3	32.5
							TREND ESTIMATES (d) $ million									
1988																
April	1,634.0	140.6	383.5	831.2	n.p.	505.2	734.1	84.7	201.1	352.8	139.3	57.4	211.0	211.5	n.p.	5,998.1
May	1,642.3	142.7	388.1	833.8	n.p.	509.5	735.1	84.1	205.1	351.6	140.2	58.1	215.2	211.6	n.p.	6,039.3
June	1,653.0	145.3	391.2	836.7	n.p.	516.0	737.6	83.6	207.9	349.9	139.7	58.9	220.1	211.6	n.p.	6,080.9
July	1,666.0	148.0	392.1	838.2	n.p.	521.2	743.8	83.2	209.0	348.0	138.6	59.9	225.0	211.4	n.p.	6,118.3
August	1,682.1	151.0	391.2	836.7	n.p.	524.5	753.2	83.0	209.4	347.6	137.2	61.0	229.4	212.0	n.p.	6,156.2
September	1,701.7	154.2	389.7	832.3	n.p.	527.4	762.6	82.9	209.8	349.9	136.1	62.0	232.7	214.2	n.p.	6,198.4
October	1,723.4	157.3	388.7	826.6	n.p.	529.6	770.3	82.6	211.0	353.9	135.3	62.4	235.0	217.9	n.p.	6,247.9
November	1,746.6	160.2	389.0	821.9	n.p.	533.0	774.9	82.4	213.6	359.8	135.3	62.0	236.5	222.7	n.p.	6,309.2
December	1,768.2	163.0	390.6	821.6	n.p.	536.7	773.5	82.1	218.2	367.3	136.3	61.1	238.3	228.4	n.p.	6,375.3
1989																
January	1,786.0	165.8	393.8	828.1	n.p.	539.0	768.0	82.0	224.1	375.0	137.8	60.0	240.4	234.0	n.p.	6,437.5
February	1,799.7	168.3	398.2	841.0	n.p.	538.5	762.2	82.2	229.5	382.0	139.3	59.0	242.9	238.7	n.p.	6,491.5
March	1,810.9	170.5	403.8	858.2	n.p.	535.1	760.0	83.0	233.7	388.0	141.0	58.2	245.4	242.5	n.p.	6,544.6
April	1,819.9	172.5	409.7	876.3	n.p.	529.7	761.7	84.3	236.6	393.1	142.8	57.7	247.7	245.9	n.p.	6,596.8
May	1,827.4	174.3	415.3	893.1	n.p.	524.7	766.0	85.8	238.4	397.2	144.3	57.6	249.7	248.7	n.p.	6,647.7
June	1,832.4	175.0	420.1	908.6	n.p.	519.6	772.4	87.3	238.9	400.1	145.6	57.3	251.0	251.1	n.p.	6,689.8

See footnotes at end of table.

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

Month	Grocers, confectioners, tobacconists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and restaurants	Clothing and fabrics stores	Department & general stores	Footwear stores	Domestic hardware stores, jewellers	Electrical goods stores	Furniture stores	Floor coverings stores	Pharmacies	Newsagents	Other stores	Total
						TREND ESTIMATES (d) % change from preceding month										
1988																
April	0.4	0.9	1.5	0.4	n.p.	0.6	0.1	-0.1	2.2	-0.1	1.7	1.1	1.5	0.4	n.p.	0.7
May	0.5	1.5	1.2	0.3	n.p.	0.9	0.1	-0.7	2.0	-0.3	0.6	1.2	2.0	0.0	n.p.	0.7
June	0.7	1.8	0.8	0.3	n.p.	1.3	0.3	-0.6	1.4	-0.5	-0.4	1.4	2.3	0.0	n.p.	0.7
July	0.8	1.9	0.2	0.2	n.p.	1.0	0.8	-0.5	0.5	-0.5	-0.8	1.7	2.2	-0.1	n.p.	0.6
August	1.0	2.0	-0.2	-0.2	n.p.	0.6	1.3	-0.2	0.2	-0.1	-1.0	1.8	2.0	0.3	n.p.	0.6
September	1.2	2.1	-0.4	-0.5	n.p.	0.6	1.2	-0.1	0.2	0.7	-0.8	1.6	1.4	1.0	n.p.	0.7
October	1.3	2.0	-0.3	-0.7	n.p.	0.4	1.0	-0.4	0.6	1.1	-0.6	0.6	1.0	1.7	n.p.	0.8
November	1.3	1.8	0.1	-0.6	n.p.	0.6	0.6	-0.2	1.2	1.7	0.0	-0.6	0.6	2.2	n.p.	1.0
December	1.2	1.7	0.4	0.0	n.p.	0.7	-0.2	-0.4	2.2	2.1	0.7	-1.5	0.8	2.6	n.p.	1.0
1989																
January	1.0	1.7	0.8	0.8	n.p.	0.4	-0.7	-0.1	2.7	2.1	1.1	-1.8	0.9	2.5	n.p.	1.0
February	0.8	1.5	1.1	1.6	n.p.	-0.1	-0.8	0.2	2.4	1.9	1.1	-1.7	1.0	2.0	n.p.	0.8
March	0.6	1.3	1.4	2.0	n.p.	-0.6	-0.3	1.0	1.8	1.6	1.2	-1.4	1.0	1.6	n.p.	0.8
April	0.5	1.2	1.5	2.1	n.p.	-1.0	0.2	1.6	1.2	1.3	1.3	-0.9	0.9	1.4	n.p.	0.8
May	0.4	1.0	1.4	1.9	n.p.	-0.9	0.6	1.8	0.8	1.0	1.1	-0.2	0.8	1.1	n.p.	0.8
June	0.3	0.4	1.2	1.7	n.p.	-1.0	0.8	1.7	0.2	0.7	0.9	-0.5	0.5	1.0	n.p.	0.6
						TREND ESTIMATES (d) % change from corresponding month of previous year										
1988																
April	5.3	-2.8	12.6	9.1	n.p.	7.5	6.3	12.6	16.3	14.3	11.6	16.0	8.6	2.0	n.p.	7.8
May	5.5	-2.1	12.7	8.6	n.p.	6.7	5.6	10.9	17.1	12.7	12.0	15.3	9.7	0.1	n.p.	7.7
June	6.0	-0.5	12.1	8.0	n.p.	6.2	5.1	9.4	16.3	11.0	9.9	14.8	11.2	-1.5	n.p.	7.5
July	6.6	1.6	10.8	6.9	n.p.	5.8	5.2	8.1	14.1	9.0	7.1	15.0	12.8	-2.6	n.p.	7.3
August	7.2	4.7	9.1	5.4	n.p.	5.8	6.2	7.4	12.2	7.4	4.6	16.0	14.3	-2.6	n.p.	7.3
September	7.9	8.4	7.7	3.8	n.p.	6.4	7.2	7.0	11.0	6.6	3.3	17.2	15.4	-1.0	n.p.	7.4
October	8.7	12.1	6.9	2.2	n.p.	6.9	8.1	5.6	11.2	6.2	2.9	17.3	16.1	1.8	n.p.	7.7
November	9.5	15.3	6.7	0.9	n.p.	7.6	8.3	3.9	12.5	6.2	3.3	15.2	16.4	5.2	n.p.	8.3
December	10.2	17.9	6.8	0.3	n.p.	8.2	7.4	1.5	15.0	6.7	4.3	11.9	16.9	8.9	n.p.	8.9
1989																
January	10.8	20.0	6.9	0.7	n.p.	8.3	5.8	-0.7	17.6	7.5	4.6	8.1	17.5	11.9	n.p.	9.4
February	11.1	21.4	6.8	1.9	n.p.	7.7	4.3	-2.3	19.0	8.6	3.9	4.8	18.1	14.0	n.p.	9.7
March	11.3	22.3	6.8	3.6	n.p.	6.5	3.7	-2.1	18.8	9.9	2.9	2.5	18.1	15.1	n.p.	9.8
April	11.4	22.7	6.8	5.4	n.p.	4.8	3.8	-0.5	17.7	11.4	2.5	0.5	17.4	16.3	n.p.	10.0
May	11.3	22.1	7.0	7.1	n.p.	3.0	4.2	2.0	16.2	13.0	2.9	-0.9	16.0	17.5	n.p.	10.1
June	10.9	20.4	7.4	8.6	n.p.	0.7	4.7	4.4	14.9	14.3	4.2	-2.7	14.0	18.7	n.p.	10.0

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes. (c) The standard error of the estimates for the latest month and of the latest month from the preceding month - see paragraphs 8 to 11 of Explanatory Notes. (d) Subject to revision - see paragraphs 21 to 25 of Explanatory Notes.

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

Quarter	*Grocers, confectioners, tobacconists*	*Butchers*	*Other food stores*	*Hotels, liquor stores, licensed clubs*	*Cafes and restaurants*	*Clothing and fabrics stores*	*Department & general stores*	*Footwear stores*	*Domestic hardware stores, jewellers*	*Electrical goods stores*	*Furniture stores*	*Floor coverings stores*	*Pharmacies*	*Newsagents*	*Other stores*	*Total*
ORIGINAL $ million																
1988																
June	3,863.2	343.0	834.9	1,776.2	n.p.	1,134.8	1,654.8	207.4	418.3	891.2	312.2	121.0	488.7	421.7	n.p.	13,622.9
September	3,865.1	372.5	826.9	1,774.9	575.4	1,146.4	1,549.9	180.1	424.9	878.6	319.1	133.8	530.9	418.3	657.5	13,654.2
December	4,259.4	414.3	863.9	2,046.9	622.0	1,327.7	2,344.1	201.3	703.8	1,041.1	345.3	140.3	606.7	490.9	843.5	16,251.2
1989																
March r	4,007.3	377.9	828.0	1,850.1	638.7	999.5	1,399.2	167.0	496.9	875.2	287.5	106.3	523.5	485.5	645.3	13,687.7
June	3,962.0	383.7	792.4	1,826.9	642.5	1,114.7	1,625.3	199.1	473.9	1,004.6	307.9	119.5	552.9	478.2	661.5	14,145.1
SEASONALLY ADJUSTED ESTIMATES $ million																
1988																
June	3,945.7	354.2	859.0	1,889.0	n.p.	1,137.2	1,722.8	197.3	493.1	909.9	329.5	122.3	505.8	442.9	n.p.	14,140.8
September	3,931.5	372.0	830.5	1,870.8	n.p.	1,178.3	1,711.6	186.8	500.6	896.7	312.6	131.3	532.7	431.4	n.p.	14,075.1
December	4,011.3	380.9	831.3	1,833.9	n.p.	1,120.3	1,768.8	185.6	497.9	910.7	313.1	130.4	549.0	453.6	n.p.	14,309.5
1989																
March	4,101.6	398.2	834.0	1,863.2	n.p.	1,190.0	1,701.3	184.2	551.6	965.4	306.4	117.0	559.0	488.6	n.p.	14,648.1
June	4,045.7	396.3	815.2	1,943.8	n.p.	1,120.5	1,694.2	189.7	557.5	1,025.4	326.8	121.4	571.7	501.6	n.p.	14,641.5
% change from preceding quarter																
1988																
June	-1.1	-2.6	0.0	-1.1	n.p.	-2.5	-0.3	-2.7	4.0	-1.1	1.5	-5.5	1.2	-4.0	n.p.	-0.5
September	-0.4	5.0	-3.3	-1.0	n.p.	3.6	-0.6	-5.3	1.5	-1.4	-5.1	7.4	5.3	-2.6	n.p.	-0.5
December	2.0	2.4	0.1	-2.0	n.p.	-4.9	3.3	-0.6	-0.5	1.6	0.2	-0.7	3.1	5.1	n.p.	1.7
1989																
March	2.3	4.6	0.3	1.6	n.p.	6.2	-3.8	-0.7	10.8	6.0	-2.2	-10.3	1.8	7.7	n.p.	2.4
June	-1.4	-0.5	-2.3	4.3	n.p.	-5.8	-0.4	3.0	1.1	6.2	6.7	3.7	2.3	2.7	n.p.	0.0
% change from corresponding quarter of previous year																
1988																
June	-1.6	-9.5	3.4	1.7	n.p.	-1.6	1.2	5.6	14.5	10.0	8.2	3.9	1.7	-9.6	n.p.	1.2
September	-1.0	-2.7	-4.7	-2.2	n.p.	-1.0	-1.1	-3.1	8.1	6.1	-4.9	4.2	7.4	-12.8	n.p.	-0.7
December	-0.1	4.8	-5.3	-4.2	n.p.	-2.0	3.2	-2.2	8.3	2.2	0.8	7.3	11.0	-3.4	n.p.	0.9
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	2.5	11.9	-5.1	2.9	n.p.	-1.5	-1.7	-3.8	13.1	12.7	-0.8	-0.7	13.0	13.3	n.p.	3.5

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes.

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

Month	*New South Wales*	*Victoria*	*Queensland*	*South Australia*	*Western Australia*	*Tasmania*	*Northern Territory*	*Australian Capital Territory*	*Australia*
				ORIGINAL $ million					
1988									
April	1,976.7	1,548.1	902.6	456.4	519.5	141.9	n.p.	108.9	5,712.6
May	2,036.7	1,575.1	962.0	475.7	521.2	144.8	n.p.	111.8	5,888.4
June	2,002.0	1,562.8	1,003.8	474.3	512.5	145.1	61.4	108.0	5,870.0
July	2,005.1	1,528.1	1,029.7	474.6	499.0	141.5	61.5	108.4	5,847.9
August	1,991.2	1,565.9	1,026.4	475.9	503.9	145.5	60.6	108.4	5,877.9
September	2,105.9	1,603.2	1,055.6	492.0	522.9	148.2	63.7	109.5	6,101.0
October	2,145.8	1,636.2	1,052.5	495.1	537.3	148.1	62.7	109.1	6,186.8
November	2,305.6	1,732.4	1,030.7	526.9	570.9	162.2	59.8	115.2	6,503.8
December	3,096.2	2,330.3	1,429.1	715.3	764.5	221.2	72.2	157.7	8,786.5
1989									
January	2,153.2	1,582.4	1,039.5	495.2	551.5	152.4	55.5	103.4	6,133.1
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 r	2,307.4	1,680.3	1,084.4	517.1	575.3	160.7	64.4	112.5	6,502.0
June	2,324.5	1,665.9	1,126.5	507.2	579.2	161.6	67.6	110.6	6,543.0
Standard error (c) of									
Level	34.1	27.4	21.0	9.8	9.2	3.3	2.4	4.1	50.7
Change	26.2	14.2	9.0	6.0	6.4	1.3	1.0	1.9	32.5
				TREND ESTIMATES (d) $ million					
1988									
April	2,090.2	1,597.4	980.9	481.9	524.7	148.8	n.p.	111.6	5,998.1
May	2,089.4	1,608.8	1,002.4	483.7	526.4	149.1	n.p.	110.9	6,039.3
June	2,090.1	1,620.4	1,022.6	486.4	527.9	149.8	n.p.	110.4	6,080.9
July	2,096.2	1,630.9	1,037.7	490.0	529.0	150.6	n.p.	110.1	6,118.3
August	2,112.0	1,640.1	1,046.2	494.9	531.3	151.7	n.p.	110.2	6,156.2
September	2,136.0	1,649.8	1,049.4	501.0	536.9	153.0	n.p.	111.1	6,198.4
October	2,164.3	1,659.1	1,049.5	507.5	545.8	154.6	n.p.	112.3	6,247.9
November	2,196.8	1,668.0	1,050.7	513.8	556.4	156 8	n.p.	113.7	6,309.2
December	2,229.5	1,676.4	1,055.7	519.8	566.0	159.1	n.p.	114.8	6,375.3
1989									
January	2,260.2	1,683.0	1,065.5	523.6	572.8	161.2	n.p.	115.2	6,437.5
February	2,288.4	1,687.5	1,078.9	525.0	576.6	162.7	n.p.	114.7	6,491.5
March	2,316.9	1,692.3	1,093.8	524.5	578.9	163.5	n.p.	113.8	6,544.6
April	2,344.2	1,697.5	1,108.3	523.2	581.2	163.9	n.p.	112.8	6,596.8
May	2,369.3	1,702.8	1,122.1	521.6	583.5	164.2	n.p.	112.0	6,647.7
June	2,389.5	1,707.4	1,131.2	519.6	585.5	164.3	n.p.	111.1	6,689.8

See footnotes at end of table.

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

Month	*New South Wales*	*Victoria*	*Queensland*	*South Australia*	*Western Australia*	*Tasmania*	*Northern Territory*	*Australian Capital Territory*	*Australia*
				TREND ESTIMATES (d) % change from preceding month					
1988									
April	0.2	0.7	1.9	0.2	0.3	0.2	n.p.	-0.5	0.7
May	0.0	0.7	2.2	0.4	0.3	0.2	n.p.	-0.6	0.7
June	0.0	0.7	2.0	0.6	0.3	0.5	n.p.	-0.5	0.7
July	0.3	0.6	1.5	0.7	0.2	0.5	n.p.	-0.3	0.6
August	0.8	0.6	0.8	1.0	0.4	0.7	n.p.	0.1	0.6
September	1.1	0.6	0.3	1.2	1.1	0.9	n.p.	0.8	0.7
October	1.3	0.6	0.0	1.3	1.7	1.0	n.p.	1.1	0.8
November	1.5	0.5	0.1	1.2	1.9	1.4	n.p.	1.2	1.0
December	1.5	0.5	0.5	1.2	1.7	1.5	n.p.	1.0	1.0
1989									
January	1.4	0.4	0.9	0.7	1.2	1.3	n.p.	0.3	1.0
February	1.2	0.3	1.3	0.3	0.7	0.9	n.p.	-0.4	0.8
March	1.2	0.3	1.4	-0.1	0.4	0.5	n.p.	-0.8	0.8
April	1.2	0.3	1.3	-0.2	0.4	0.2	n.p.	-0.9	0.8
May	1.1	0.3	1.2	-0.3	0.4	0.2	n.p.	-0.7	0.8
June	0.9	0.3	0.8	-0.4	0.3	0.1	n.p.	-0.8	0.6
				TREND ESTIMATES (d) % change from corresponding month of previous year					
1988									
April	8.9	5.4	14.1	3.5	4.4	8.1	n.p.	5.9	7.8
May	7.9	5.2	16.6	3.0	3.8	7.0	n.p.	4.4	7.7
June	7.0	5.0	18.3	2.8	3.3	6.6	n.p.	3.4	7.5
July	6.5	4.8	18.9	2.8	2.6	6.7	n.p.	2.3	7.3
August	6.6	4.8	18.3	3.2	2.1	7.1	n.p.	1.4	7.3
September	7.3	5.1	17.0	4.3	2.4	7.4	n.p.	1.1	7.4
October	8.2	5.6	15.5	5.6	3.7	7.7	n.p.	1.1	7.7
November	9.0	6.2	14.3	6.9	5.7	8.1	n.p.	1.5	8.3
December	9.5	6.8	13.8	8.2	7.8	8.7	n.p.	2.0	8.9
1989									
January	9.9	7.1	13.8	9.1	9.5	9.4	n.p.	2.2	9.4
February	10.3	6.9	13.9	9.4	10.4	9.9	n.p.	1.9	9.7
March	11.0	6.6	13.7	9.1	10.7	10.1	n.p.	1.4	9.8
April	12.2	6.3	13.0	8.6	10.8	10.1	n.p.	1.1	10.0
May	13.4	5.8	11.9	7.8	10.8	10.1	n.p.	1.0	10.1
June	14.3	5.4	10.6	6.8	10.9	9.7	n.p.	0.6	10.0

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes. (c) The standard error of the estimates for the latest month and of the latest month from the preceding month - see paragraphs 8 to 11 of Explanatory Notes. (d) Subject to revision - see paragraphs 21 to 25 of Explanatory Notes.

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

Quarter	*New South Wales*	*Victoria*	*Queensland*	*South Australia*	*Western Australia*	*Tasmania*	*Northern Territory*	*Australian Capital Territory*	*Australia*
				ORIGINAL $ million					
1988									
June	4,734.1	3,614.8	2,234.4	1,100.7	1,201.9	334.5	n.p.	261.1	13,622.9
September	4,717.8	3,562.2	2,381.6	1,107.3	1,157.1	331.7	141.2	255.4	13,654.2
December	5,767.2	4,269.6	2,654.3	1,316.2	1,402.0	399.3	146.7	296.0	16,251.2
1989									
March r	4,846.7	3,546.1	2,268.0	1,100.8	1,215.8	344.1	126.0	240.2	13,687.7
June	5,085.1	3,604.0	2,353.9	1,122.7	1,242.8	347.9	139.6	249.3	14,145.1
				SEASONALLY ADJUSTED ESTIMATES $ million					
1988									
June	4,923.1	3,738.6	2,326.8	1,127.4	1,236.0	346.1	n.p.	265.0	14,140.8
September	4,881.9	3,709.8	2,402.6	1,138.3	1,195.4	347.7	n.p.	256.5	14,075.1
December	5,031.6	3,758.6	2,374.1	1,170.7	1,255.5	350.3	n.p.	265.5	14,309.5
1989									
March	5,206.9	3,756.8	2,420.7	1,179.1	1,279.5	364.3	n.p.	263.3	14,648.1
June	5,296.6	3,727.2	2,452.7	1,150.8	1,277.4	360.3	n.p.	253.3	14,641.5
				% change from preceding quarter					
1988									
June	-2.4	0.1	2.1	-3.2	1.3	-1.6	n.p.	-3.5	-0.5
September	-0.8	-0.8	3.3	1.0	-3.3	0.4	n.p.	-3.2	-0.5
December	3.1	1.3	-1.2	2.9	5.0	0.8	n.p.	3.5	1.7
1989									
March	3.5	0.0	2.0	0.7	1.9	4.0	n.p.	-0.8	2.4
June	1.7	-0.8	1.3	-2.4	-0.2	-1.1	n.p.	-3.8	0.0
				% change from corresponding quarter of previous year					
1988									
June	1.6	-1.0	8.5	-3.7	-2.2	-1.3	n.p.	-1.4	1.2
September	-0.4	-3.9	10.0	-4.3	-6.0	0.4	n.p.	-6.1	-0.7
December	2.5	-1.2	6.2	0.3	-2.6	0.7	n.p.	-4.5	0.9
1989									
March	3.3	0.6	6.2	1.3	4.9	3.5	n.p.	-4.1	3.1
June	7.6	-0.3	5.4	2.1	3.3	4.1	n.p.	-4.4	3.5

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes.

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

NEW SOUTH WALES

ORIGINAL $ million

Month	Grocers, confectioners, tobacconists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and restaurants	Clothing and fabrics stores	Department & general stores	Footwear stores	Domestic hardware stores, jewellers	Electrical goods stores	Furniture stores	Floor coverings stores	Pharmacies	Newsagents	Other stores	Total
1988																
April	480.0	48.7	136.8	351.5	n.p.	151.9	253.9	24.3	59.2	107.0	36.8	14.0	75.2	77.3	n.p.	1,976.7
May	476.4	49.4	138.3	335.0	n.p.	163.4	265.4	25.0	65.5	123.9	44.7	15.7	77.6	85.0	n.p.	2,036.7
June	478.4	52.3	135.8	332.9	88.1	155.8	248.7	22.7	59.5	113.9	42.4	19.9	84.6	80.1	86.9	2,002.0
July	474.4	56.1	137.1	334.1	99.6	148.1	253.3	22.5	56.0	110.1	40.1	19.3	85.8	78.7	89.7	2,005.1
August	489.4	56.1	135.7	323.3	94.2	143.8	235.0	18.7	61.1	111.5	37.9	22.9	94.8	81.2	85.7	1,991.2
September	503.8	63.2	134.1	345.2	95.1	166.5	262.8	26.1	64.5	105.9	42.5	22.2	97.2	81.1	95.8	2,105.9
October	503.2	65.1	137.9	361.6	98.8	165.3	264.8	27.7	[illegible]5.3	98.8	43.6	20.1	96.3	86.0	101.2	2,145.8
November	529.4	61.6	137.1	361.9	114.9	174.8	314.3	23.5	98.8	118.4	46.6	20.6	94.7	96.4	112.6	2,305.6
December	620.1	83.8	149.9	436.7	130.8	252.5	574.1	29.9	184.9	166.8	53.3	21.5	121.2	107.7	163.1	3,096.2
1989																
January	501.7	69.1	147.5	362.9	129.5	159.4	229.1	25.1	90.0	107.8	40.0	12.9	96.5	86.7	95.0	2,153.2
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 r	533.4	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	382.7	120.9	176.1	270.4	32.3	69.0	134.3	52.8	17.4	96.4	96.5	115.7	2,324.5
Standard error (c) of																
Level	9.3	7.1	11.7	17.3	9.7	8.5	0.0	2.3	8.5	8.9	6.7	2.3	6.5	5.9	11.9	34.1
Change	7.0	3.0	8.2	11.8	8.1	5.6	0.0	1.3	12.9	4.6	6.2	1.1	2.1	5.2	8.1	26.2

TREND ESTIMATES (d)

$ million

Month	Grocers, confectioners, tobacconists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and restaurants	Clothing and fabrics stores	Department & general stores	Footwear stores	Domestic hardware stores, jewellers	Electrical goods stores	Furniture stores	Floor coverings stores	Pharmacies	Newsagents	Other stores	Total
1989																
January	530.9	70.1	136.1	350.1	n.p.	175.0	282.3	24.9	91.8	114.3	43.4	17.7	98.2	93.3	n.p.	2,260.2
February	538.8	70.5	137.6	361.4	n.p.	176.1	279.4	25.5	95.3	117.7	44.1	17.5	98.6	95.7	n.p.	2,288.4
March	546.1	70.2	139.5	376.6	n.p.	175.9	277.9	26.3	97.3	121.6	45.5	17.5	99.1	98.2	n.p.	2,316.9
April	551.9	69.6	141.7	392.7	n.p.	174.5	277.9	27.2	98.1	125.8	47.5	17.5	99.1	100.8	n.p.	2,344.2
May	556.1	69.1	144.3	407.7	n.p.	172.9	278.9	28.2	98.1	129.9	49.6	17.5	99.1	103.1	n.p.	2,369.3
June	559.2	68.2	146.8	421.3	n.p.	170.7	280.4	29.0	97.7	134.0	51.8	17.5	98.6	105.2	n.p.	2,389.5

% change from preceding month

Month	Grocers, confectioners, tobacconists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and restaurants	Clothing and fabrics stores	Department & general stores	Footwear stores	Domestic hardware stores, jewellers	Electrical goods stores	Furniture stores	Floor coverings stores	Pharmacies	Newsagents	Other stores	Total
1989																
January	1.6	1.9	0.7	1.7	n.p.	1.5	-0.9	1.2	5.3	2.2	0.9	-2.7	0.4	2.6	n.p.	1.4
February	1.5	0.6	1.1	3.2	n.p.	0.6	-1.0	2.4	3.8	3.0	1.6	-1.1	0.4	2.6	n.p.	1.2
March	1.4	-0.4	1.4	4.2	n.p.	-0.1	-0.5	3.1	2.1	3.3	3.2	0.0	0.5	2.6	n.p.	1.2
April	1.1	-0.9	1.6	4.3	n.p.	-0.8	0.0	3.4	0.8	3.5	4.4	0.0	0.0	2.6	n.p.	1.2
May	0.8	-0.7	1.8	3.8	n.p.	-0.9	0.4	3.7	0.0	3.3	4.4	0.0	0.0	2.3	n.p.	1.1
June	0.6	-1.3	1.7	3.3	n.p.	-1.3	0.5	2.8	-0.4	3.2	4.4	0.0	-0.5	2.0	n.p.	0.9

See footnotes at end of table.

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

Month	*Grocers, confectioners, tobacconists*	*Butchers*	*Other food stores*	*Hotels, liquor stores, licensed clubs*	*Cafes and restaurants*	*Clothing and fabrics stores*	*Department & general stores*	*Footwear stores*	*Domestic hardware stores, jewellers*	*Electrical goods stores*	*Furniture stores*	*Floor coverings stores*	*Pharmacies*	*Newsagents*	*Other stores*	*Total*
							VICTORIA									
							ORIGINAL $ million									
1988																
April	456.5	37.9	99.9	169.9	n.p.	165.8	170.1	27.0	63.7	72.4	34.6	16.2	50.8	46.5	n.p.	1,548.1
May	445.6	38.9	92.4	158.5	n.p.	185.2	175.2	29.9	67.2	82.5	42.2	18.7	53.2	49.9	n.p.	1,575.1
June	451.2	40.9	94.6	157.2	62.1	177.7	175.6	26.0	63.9	80.6	40.1	18.1	54.8	47.2	72.7	1,562.8
July	452.5	39.2	89.0	165.8	64.9	173.0	151.5	22.8	65.6	79.1	37.6	14.8	52.4	44.6	75.2	1,528.1
August	469.0	40.9	94.4	165.8	64.6	178.4	148.2	18.9	66.8	78.4	42.8	15.8	58.7	48.9	74.4	1,565.9
September	486.8	39.2	103.8	182.8	63.9	168.8	162.9	21.5	63.3	81.6	36.3	16.3	53.1	44.8	78.2	1,603.2
October	487.7	38.3	104.0	179.3	65.2	173.5	165.3	22.9	74.4	82.0	36.8	18.0	57.1	45.8	85.9	1,636.2
November	506.6	37.0	109.6	174.4	67.5	174.8	202.0	22.1	76.3	90.1	37.7	19.9	58.3	51.7	104.5	1,732.4
December	597.1	42.7	115.1	228.9	74.9	234.7	383.0	29.6	140.9	135.3	41.6	20.8	82.6	65.4	137.6	2,330.3
1989																
January	497.3	34.5	101.8	185.6	68.3	146.4	140.2	21.6	68.3	85.1	34.6	12.4	56.1	54.6	75.7	1,582.4
February	478.7	32.2	101.8	165.7	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	104.3	173.6	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	104.8	158.0	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	103.0	154.0	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	101.5	154.9	83.0	146.2	189.8	24.6	60.0	104.2	39.5	15.9	56.9	56.8	75.2	1,665.9
Standard error (c) of																
Level	13.4	6.6	9.1	8.2	9.8	9.6	0.0	2.2	4.1	6.2	5.0	1.3	3.6	7.2	6.4	27.4
Change	5.6	2.1	3.7	3.8	3.5	4.7	0.0	1.1	2.9	6.2	4.0	1.6	1.0	2.4	5.7	14.2
							TREND ESTIMATES (d)									
							$ million									
1989																
January	511.2	36.5	103.8	171.6	n.p.	164.6	182.6	22.4	71.2	94.9	36.2	16.5	58.6	50.8	n.p.	1,683.0
February	514.8	37.4	104.2	169.8	n.p.	160.7	178.8	22.4	71.7	96.8	38.0	16.4	59.2	52.4	n.p.	1,687.[illegible]
March	517.1	38.9	105.1	168.7	n.p.	156.4	176.7	22.6	72.4	98.6	39.6	16.4	59.6	54.1	n.p.	1,692.3
April	518.1	40.7	106.0	167.7	n.p.	151.6	176.9	23.0	73.0	100.4	40.8	16.6	59.8	55.9	n.p.	1,697.5
May	518.4	42.5	106.7	167.0	n.p.	147.5	178.7	23.4	73.6	101.8	41.6	16.8	59.9	57.7	n.p.	1,702.8
June	518.1	44.0	107.7	166.2	n.p.	144.2	182.1	23.8	73.4	102.8	42.1	16.9	59.8	59.4	n.p.	1,707.4
							% change from preceding month									
1989																
January	0.9	0.0	0.5	-1.5	n.p.	-2.3	-1.4	0.0	0.3	2.5	4.3	-1.2	0.9	2.2	n.p.	0.4
February	0.7	2.5	0.4	-1.0	n.p.	-2.4	-2.1	0.0	0.7	2.0	5.0	-0.6	1.0	3.1	n.p.	0.3
March	0.4	4.0	0.9	-0.6	n.p.	-2.7	-1.2	0.9	1.0	1.9	4.2	0.0	0.7	3.2	n.p.	0.3
April	0.2	4.6	0.9	-0.6	n.p.	-3.1	0.1	1.8	0.8	1.8	3.0	1.2	0.3	3.3	n.p.	0.3
May	0.1	4.4	0.7	-0.4	n.p.	-2.7	1.0	1.7	0.8	1.4	2.0	1.2	0.2	3.2	n.p.	0.3
June	-0.1	3.5	0.9	-0.5	n.p.	-2.2	1.9	1.7	-0.3	1.0	1.2	0.6	-0.2	2.9	n.p.	0.3

See footnotes at end of table.

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

Month	*Grocers, confectioners, tobacconists*	*Butchers*	*Other food stores*	*Hotels, liquor stores, licensed clubs*	*Cafes and restaurants*	*Clothing and fabrics stores*	*Department & general stores*	*Footwear stores*	*Domestic hardware stores, jewellers*	*Electrical goods stores*	*Furniture stores*	*Floor coverings stores*	*Pharmacies*	*Newsagents*	*Other stores*	*Total*
QUEENSLAND — ORIGINAL $ million																
1988																
April	264.3	25.0	58.0	123.8	n.p.	74.1	104.4	16.0	18.1	55.8	19.2	7.4	27.6	29.8	n.p.	902.6
May	260.3	26.8	65.4	132.0	n.p.	83.0	105.0	17.8	20.6	63.5	20.6	10.0	31.3	34.2	n.p.	962.0
June	265.5	29.3	67.9	131.8	41.8	90.2	113.0	19.3	24.4	68.9	23.2	10.3	31.8	32.7	53.8	1,003.8
July	277.4	31.1	70.1	134.4	45.1	101.2	101.4	16.6	24.8	65.1	23.3	11.2	31.2	36.8	59.9	1,029.7
August	276.6	33.1	66.4	134.9	45.4	95.9	100.3	16.2	25.9	65.9	23.9	10.6	31.7	42.0	57.6	1,026.4
September	278.4	32.1	78.2	132.1	38.1	109.3	113.9	18.2	26.6	63.9	23.3	10.5	32.9	38.0	60.1	1,055.6
October	279.6	31.1	76.9	137.4	37.8	105.6	113.2	17.4	28.0	63.4	22.0	11.8	31.3	37.7	59.1	1,052.5
November	282.8	31.1	63.0	132.6	20.6	102.4	124.8	15.4	27.1	69.4	25.2	12.6	31.8	38.3	53.5	1,030.7
December	341.3	43.1	74.8	175.9	33.8	144.9	234.1	19.3	57.6	96.5	27.0	10.8	40.8	58.4	70.7	1,429.1
1989																
January	295.0	33.3	81.4	130.7	36.1	96.9	97.2	17.7	28.6	66.3	19.0	8.5	29.9	50.7	48.2	1,039.5
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	41.5	50.6	54.6	1,084.4
June	316.9	36.5	74.0	134.9	38.9	109.4	125.7	20.6	27.6	76.4	21.0	9.4	40.5	43.1	51.5	1,126.5
Standard error (c) of																
Level	7.9	5.1	6.4	9.5	4.7	8.8	0.0	2.3	3.4	4.0	2.1	1.9	5.0	5.5	4.7	21.0
Change	1.2	2.8	3.1	2.8	1.9	1.3	0.0	0.8	1.3	3.1	0.4	0.9	1.8	2.9	4.9	9.0
TREND ESTIMATES (d) — $ million																
1989																
January	297.2	33.7	69.1	134.2	n.p.	102.6	118.6	16.2	29.4	68.7	21.7	10.1	32.2	46.5	n.p.	1,065.5
February	301.7	34.1	70.1	135.6	n.p.	102.7	118.3	16.1	30.8	70.1	21.5	9.7	34.1	48.7	n.p.	1,078.9
March	305.8	34.4	72.0	137.1	n.p.	102.5	118.6	16.1	31.9	71.5	21.4	9.3	36.4	50.1	n.p.	1,093.8
April	309.5	34.6	73.9	138.7	n.p.	102.1	119.6	16.3	32.6	72.9	21.3	9.0	38.8	50.7	n.p.	1,108.3
May	313.0	34.9	75.6	140.2	n.p.	101.9	121.1	16.5	33.1	74.1	21.2	8.8	41.0	50.7	n.p.	1,122.1
June	315.6	35.0	76.8	141.2	n.p.	101.5	123.1	16.9	33.1	74.9	21.2	8.6	42.9	50.0	n.p.	1,131.2
% change from preceding month																
1989																
January	1.6	1.2	0.0	0.8	n.p.	0.3	-0.2	-1.2	3.9	1.8	-0.9	-4.7	3.9	5.7	n.p.	0.9
February	1.5	1.2	1.4	1.0	n.p.	0.1	-0.3	-0.6	4.8	2.0	-0.9	-4.0	5.9	4.7	n.p.	1.3
March	1.4	0.9	2.7	1.1	n.p.	-0.2	0.3	0.0	3.6	2.0	-0.5	-4.1	6.7	2.9	n.p.	1.4
April	1.2	0.6	2.6	1.2	n.p.	-0.4	0.8	1.2	2.2	2.0	-0.5	-3.2	6.6	1.2	n.p.	1.3
May	1.1	0.9	2.3	1.1	n.p.	-0.2	1.3	1.2	1.5	1.6	-0.5	-2.2	5.7	0.0	n.p.	1.2
June	0.8	0.3	1.6	0.7	n.p.	-0.4	1.7	2.4	0.0	1.1	0.0	-2.3	4.6	-1.4	n.p.	0.8

See footnotes at end of table.

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

Month	*Grocers, confectioners, tobacconists*	*Butchers*	*Other food stores*	*Hotels, liquor stores, licensed clubs*	*Cafes and restaurants*	*Clothing and fabrics stores*	*Department & general stores*	*Footwear stores*	*Domestic hardware stores, jewellers*	*Electrical goods stores*	*Furniture stores*	*Floor coverings stores*	*Pharmacies*	*Newsagents*	*Other stores*	*Total*
							SOUTH AUSTRALIA ORIGINAL $ million									
1988																
April	141.9	8.3	33.5	55.4	n.p.	27.8	71.0	7.1	7.9	29.1	9.9	4.0	13.6	9.6	n.p.	456.4
May	142.1	8.7	33.4	53.2	n.p.	30.4	76.2	7.7	8.9	35.0	13.1	4.4	14.1	10.5	n.p.	475.7
June	144.8	9.4	34.3	54.0	17.9	29.4	71.0	7.3	8.7	34.6	14.1	4.3	15.3	10.4	18.8	474.3
July	143.8	9.8	35.6	53.4	17.2	28.7	71.1	6.7	8.0	37.2	13.4	3.8	15.0	10.8	20.0	474.6
August	148.9	10.5	34.4	52.4	17.2	26.9	67.3	6.0	9.4	36.3	13.7	4.2	16.6	11.0	21.1	475.9
September	154.4	11.5	35.0	55.2	19.0	32.6	71.5	6.7	10.6	30.3	14.4	4.1	16.1	11.2	19.4	492.0
October	155.5	12.1	33.4	57.4	17.8	31.2	71.4	6.8	11.7	31.2	14.7	3.8	16.1	11.8	20.2	495.1
November	156.7	12.7	33.6	60.6	19.5	29.7	90.8	6.1	12.8	34.5	15.9	4.1	17.7	12.5	19.8	526.9
December	183.9	15.6	37.2	83.9	37.1	45.2	141.4	8.0	21.3	48.3	18.4	4.6	21.6	16.2	32.6	715.3
1989																
January	149.4	12.5	35.9	64.1	22.2	33.5	64.3	6.2	11.0	33.5	13.1	4.0	15.7	11.3	18.4	495.2
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	452.8
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	519.8
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	501.3
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	517.1
June	149.1	12.3	34.8	57.8	20.9	33.3	76.5	7.3	11.1	34.0	13.0	5.1	17.5	11.4	23.1	507.2
Standard error (c) of																
Level	3.0	2.1	3.4	4.5	4.6	3.4	0.0	0.5	1.1	1.9	1.0	0.5	2.3	0.7	2.3	9.8
Change	1.8	0.5	2.9	1.6	1.1	3.2	0.0	0.6	0.8	1.3	1.6	0.6	1.7	0.5	1.2	6.0
							TREND ESTIMATES (d) $ million									
1989																
January	156.8	13.0	34.1	61.2	n.p.	33.0	79.1	6.5	11.9	34.8	15.4	4.2	16.9	12.7	n.p.	523.6
February	155.0	12.9	35.9	62.0	n.p.	33.2	78.7	6.4	11.9	35.1	15.0	4.5	16.9	12.4	n.p.	525.0
March	152.9	12.8	37.4	62.7	n.p.	33.3	78.2	6.5	12.0	35.0	14.4	4.8	16.9	12.1	n.p.	524.5
April	151.0	12.7	38.5	63.2	n.p.	33.3	77.9	6.6	12.1	34.7	13.8	5.1	16.9	11.9	n.p.	523.2
May	149.4	12.5	39.1	63.5	n.p.	33.2	77.7	6.7	12.2	34.4	13.2	5.3	17.0	11.7	n.p.	521.6
June	148.1	12.4	39.4	63.6	n.p.	33.0	77.8	6.7	12.2	34.0	12.6	5.6	17.1	11.5	n.p.	519.6
							% change from preceding month									
1989																
January	-0.6	0.0	4.3	1.7	n.p.	1.2	0.1	0.0	0.8	1.5	-0.6	5.0	0.0	0.0	n.p.	0.7
February	-1.1	-0.8	5.3	1.3	n.p.	0.6	-0.5	-1.5	0.0	0.9	-2.6	7.1	0.0	-2.4	n.p.	0.3
March	-1.4	-0.8	4.2	1.1	n.p.	0.3	-0.6	1.6	0.8	-0.3	-4.0	6.7	0.0	-2.4	n.p.	-0.1
April	-1.2	-0.8	2.9	0.8	n.p.	0.0	-0.4	1.5	0.8	-0.9	-4.2	6.3	0.0	-1.7	n.p.	-0.2
May	-1.1	-1.6	1.6	0.5	n.p.	-0.3	-0.3	1.5	0.8	-0.9	-4.3	3.9	0.6	-1.7	n.p.	-0.3
June	-0.9	-0.8	0.8	0.2	n.p.	-0.6	0.1	0.0	0.0	-1.2	-4.5	5.7	0.6	-1.7	n.p.	-0.4

See footnotes at end of table.

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

Month	*Grocers, confectioners, tobacconists*	*Butchers*	*Other food stores*	*Hotels, liquor stores, licensed clubs*	*Cafes and restaurants*	*Clothing and fabrics stores*	*Department & general stores*	*Footwear stores*	*Domestic hardware stores, jewellers*	*Electrical goods stores*	*Furniture stores*	*Floor coverings stores*	*Pharmacies*	*Newsagents*	*Other stores*	*Total*
							WESTERN AUSTRALIA ORIGINAL $ million									
1988																
April	180.5	6.4	30.1	62.4	n.p.	34.7	64.7	7.6	13.7	33.0	10.2	5.5	19.1	14.2	n.p.	519.5
May	171.3	6.7	29.7	55.1	n.p.	39.8	67.0	8.3	11.9	38.8	12.3	6.8	20.1	17.1	n.p.	521.2
June	169.8	6.8	29.2	55.8	14.1	37.4	65.0	7.3	11.6	37.2	13.2	6.3	20.5	16.2	22.0	512.5
July	162.8	6.9	28.1	56.7	13.2	34.7	60.9	7.8	9.7	36.1	13.1	7.4	22.6	14.9	24.1	499.0
August	169.9	6.9	29.4	58.2	12.7	32.6	56.7	7.1	9.8	35.5	13.1	7.8	22.8	16.0	25.3	503.9
September	174.6	5.4	29.9	62.0	15.0	32.8	64.7	7.9	11.1	34.1	13.2	7.7	22.9	14.4	27.2	522.9
October	177.5	5.2	30.5	65.5	15.2	33.6	67.9	8.8	11.0	34.9	14.1	8.1	23.3	14.7	27.0	537.3
November	181.1	5.1	30.5	66.8	16.3	36.4	80.1	8.2	13.1	40.0	14.9	8.4	23.2	15.8	31.2	570.9
December	222.7	6.5	33.4	85.4	21.2	53.2	135.6	10.1	23.7	53.3	14.6	7.8	31.1	21.6	44.3	764.5
1989																
January	182.6	5.6	30.3	70.8	20.6	33.7	59.9	7.1	10.2	39.0	12.6	8.0	21.5	21.0	28.7	551.5
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	513.3
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	583.0
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	549.0
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	575.3
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	26.5	579.2
Standard error (c) of																
Level	3.7	1.5	3.3	4.5	3.0	2.3	0.0	0.3	1.2	1.5	1.3	0.8	2.3	1.6	3.0	9.2
Change	1.9	0.3	2.6	2.7	1.9	2.0	0.0	0.2	1.7	2.1	1.3	0.8	1.0	1.2	1.9	6.4
							TREND ESTIMATES (d) $ million									
1989																
January	187.0	5.9	30.8	67.5	n.p.	38.5	71.5	7.8	12.3	41.4	12.8	8.3	22.6	17.4	n.p.	572.8
February	186.7	6.3	31.3	69.0	n.p.	39.9	71.2	7.7	12.8	42.7	12.2	8.2	22.2	17.2	n.p.	576.6
March	186.2	6.6	32.1	70.8	n.p.	40.9	71.6	7.5	13.4	43.7	11.5	7.9	21.8	16.6	n.p.	578.9
April	185.8	6.8	33.0	72.8	n.p.	41.5	72.7	7.4	14.0	44.3	10.9	7.4	21.6	16.0	n.p.	581.2
May	185.8	7.0	34.0	74.6	n.p.	41.7	74.2	7.3	14.6	44.5	10.4	7.0	21.5	15.5	n.p.	583.5
June	185.8	7.1	34.8	76.3	n.p.	41.7	76.1	7.2	15.3	44.6	10.0	6.6	21.5	15.2	n.p.	585.5
							% change from preceding month									
1989																
January	0.4	5.4	1.3	1.8	n.p.	4.9	-0.4	-2.5	5.1	4.3	-3.8	1.2	-1.7	1.2	n.p.	1.2
February	-0.2	6.8	1.6	2.2	n.p.	3.6	-0.4	-1.3	4.1	3.1	-4.7	-1.2	-1.8	-1.1	n.p.	0.7
March	-0.3	4.8	2.6	2.6	n.p.	2.5	0.6	-2.6	4.7	2.3	-5.7	-3.7	-1.8	-3.5	n.p.	0.4
April	-0.2	3.0	2.8	2.8	n.p.	1.5	1.5	-1.3	4.5	1.4	-5.2	-6.3	-0.9	-3.6	n.p.	0.4
May	0.0	2.9	3.0	2.5	n.p.	0.5	2.1	-1.4	4.3	0.5	-4.6	-5.4	-0.5	-3.1	n.p.	0.4
June	0.0	1.4	2.4	2.3	n.p.	0.0	2.6	-1.4	4.8	0.2	-3.8	-5.7	0.0	-1.9	n.p.	0.3

See footnotes at end of table.

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

Month	*Grocers, confectioners, tobacconists*	*Butchers*	*Other food stores*	*Hotels, liquor stores, licensed clubs*	*Cafes and restaurants*	*Clothing and fabrics stores*	*Department & general stores*	*Footwear stores*	*Domestic hardware stores, jewellers*	*Electrical goods stores*	*Furniture stores*	*Floor coverings stores*	*Pharmacies*	*Newsagents*	*Other stores*	*Total*
							TASMANIA ORIGINAL $ million									
1988																
April	46.8	3.2	7.1	19.3	n.p.	10.3	16.9	3.1	2.5	7.4	2.6	1.1	5.2	4.9	n.p.	141.9
May	46.0	3.3	7.1	18.2	n.p.	11.4	16.6	3.3	2.6	9.5	3.0	1.4	5.8	5.0	n.p.	144.8
June	46.1	3.6	7.0	18.1	2.5	11.1	17.2	2.8	2.5	9.9	3.3	1.2	5.8	5.2	8.7	145.1
July	46.5	3.7	7.8	18.1	2.2	10.6	14.3	2.6	2.5	9.5	3.3	1.1	6.1	4.9	8.4	141.5
August	47.3	3.9	7.6	18.0	2.4	11.3	14.8	2.3	2.6	9.4	2.7	1.2	5.9	5.3	10.7	145.5
September	47.6	3.9	7.6	18.4	2.6	11.3	16.1	2.3	3.6	8.9	3.7	1.5	6.0	5.8	8.9	148.2
October	49.0	3.9	7.8	19.2	2.8	10.8	15.9	2.3	3.2	8.0	3.6	1.5	5.8	5.2	9.2	148.1
November	50.6	3.6	7.8	20.0	3.2	12.9	21.2	2.6	3.2	9.1	3.8	1.5	6.1	5.7	11.0	162.2
December	60.2	5.3	10.2	29.8	6.2	19.2	34.8	3.4	6.6	11.0	4.9	1.3	7.7	7.6	13.2	221.2
1989																
January	48.7	3.9	8.9	24.1	5.0	11.1	14.0	2.0	2.8	7.0	3.4	0.9	5.9	4.9	9.6	152.4
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
Standard error (c) of																
Level	1.5	0.3	1.0	1.9	1.3	1.1	0.0	0.3	0.3	0.3	0.2	0.1	0.5	0.6	0.7	3.3
Change	0.7	0.3	0.6	0.5	0.4	0.3	0.0	0.2	0.2	0.3	0.0	0.0	0.1	0.4	0.5	1.3
							TREND ESTIMATES(d) $ million									
1989																
January	50.7	4.1	8.6	22.4	n.p.	12.5	18.0	2.4	3.1	8.3	4.0	1.3	6.1	5.4	n.p.	161.2
February	51.3	4.1	8.6	23.0	n.p.	12.4	17.8	2.4	3.1	8.6	3.9	1.3	6.2	5.2	n.p.	162.7
March	51.7	4.1	8.4	23.4	n.p.	12.4	17.7	2.4	3.0	9.0	3.9	1.4	6.3	5.2	n.p.	163.5
April	52.2	4.1	8.3	23.6	n.p.	12.4	17.9	2.4	2.9	9.2	3.8	1.4	6.3	5.2	n.p.	163.9
May	52.7	4.0	8.1	23.7	n.p.	12.4	18.1	2.5	2.9	9.4	3.6	1.5	6.3	5.2	n.p.	164.2
June	53.1	3.9	8.0	23.7	n.p.	12.4	18.5	2.6	2.8	9.5	3.5	1.5	6.3	5.3	n.p.	164.3
							% change from preceding month									
1989																
January	1.2	2.5	1.2	4.2	n.p.	-0.8	-0.6	-4.0	-3.1	2.5	2.6	8.3	1.7	-1.8	n.p.	1.3
February	1.2	0.0	0.0	2.7	n.p.	-0.8	-1.1	0.0	0.0	3.6	-2.5	0.0	1.6	-3.7	n.p.	0.9
March	0.8	0.0	-2.3	1.7	n.p.	0.0	-0.6	0.0	-3.2	4.7	0.0	7.7	1.6	0.0	n.p.	0.5
April	1.0	0.0	-1.2	0.9	n.p.	0.0	1.1	0.0	-3.3	2.2	-2.6	0.0	0.0	0.0	n.p.	0.2
May	1.0	-2.4	-2.4	0.4	n.p.	0.0	1.1	4.2	0.0	2.2	-5.3	7.1	0.0	0.0	n.p.	0.2
June	0.8	-2.5	-1.2	0.0	n.p.	0.0	2.2	4.0	-3.4	1.1	-2.8	0.0	0.0	1.9	n.p.	0.1

See footnotes at end of table.

TABLE 7. TURNOVER OF RETAIL ESTABLISHMENTS, MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a) (b)—*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	Furn-iture stores	Floor cover-ings stores	Pharma-cies	News-agents	Other stores	Total
AUSTRALIAN CAPITAL TERRITORY																
ORIGINAL $ million																
1988																
April	26.5	1.6	6.1	12.7	n.p.	9.1	16.5	1.1	3.2	6.1	3.0	1.1	2.9	5.0	n.p.	108.9
May	26.0	1.5	6.6	12.4	n.p.	10.1	16.8	1.1	3.4	7.0	3.5	1.4	3.1	5.6	n.p.	111.8
June	26.1	1.7	5.8	12.4	8.2	9.1	15.1	1.0	2.9	7.4	3.6	1.4	3.1	4.9	5.4	108.0
July	26.4	1.7	6.9	12.5	8.3	9.5	15.1	0.9	2.9	6.6	3.4	1.3	3.0	4.8	5.1	108.4
August	26.6	1.8	6.5	11.8	9.3	9.0	13.5	0.8	2.9	6.7	3.9	1.6	3.2	5.2	5.7	108.4
September	26.8	1.8	5.9	12.4	9.4	8.1	14.8	1.1	3.9	6.3	2.9	1.2	3.5	4.8	6.7	109.5
October	27.1	1.8	6.1	12.7	8.9	7.0	14.5	1.1	3.9	6.3	3.1	1.2	3.5	4.8	7.0	109.1
November	26.5	1.8	5.7	13.4	9.2	7.8	17.4	1.1	4.3	7.1	3.8	1.3	3.7	5.5	6.7	115.2
December	31.1	2.1	6.7	15.1	9.5	11.7	33.4	1.6	10.2	10.0	3.8	1.3	4.2	7.3	9.7	157.7
1989																
January	25.8	1.7	6.2	11.6	7.6	9.6	12.4	1.1	3.8	5.7	2.9	1.1	3.4	4.4	6.1	103.4
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	6.9	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	7.0	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	6.3	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	6.3	112.5
June	27.5	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	5.4	110.6
Standard error (c) of																
Level	1.5	0.3	0.2	0.8	1.2	3.4	0.0	0.0	0.2	0.6	0.2	0.0	0.6	0.4	0.5	4.1
Change	1.3	0.1	0.6	0.3	0.7	0.7	0.0	0.0	0.2	0.8	0.1	0.0	0.4	0.5	0.6	1.9
TREND ESTIMATES(d) $ million																
1989																
January	27.3	2.0	6.1	12.2	n.p.	9.9	16.0	1.3	4.2	7.5	4.0	1.3	3.6	5.2	n.p.	115.2
February	27.3	2.0	6.1	12.0	n.p.	10.4	15.7	1.4	4.1	7.5	3.9	1.3	3.7	5.1	n.p.	114.7
March	27.2	2.0	6.2	11.8	n.p.	10.7	15.4	1.4	3.9	7.3	3.9	1.3	3.8	5.0	n.p.	113.8
April	27.0	2.0	6.2	11.8	n.p.	10.8	15.1	1.5	3.8	7.1	3.8	1.3	4.0	4.9	n.p.	112.8
May	26.9	2.0	6.2	11.8	n.p.	10.9	14.9	1.5	3.7	6.9	3.6	1.3	4.2	4.8	n.p.	112.0
June	26.7	2.0	6.1	11.9	n.p.	11.0	14.7	1.5	3.6	6.8	3.5	1.3	4.4	4.8	n.p.	111.1
% change from preceding month																
1989																
January	0.4	5.3	3.4	-1.6	n.p.	6.5	-1.2	0.0	0.0	1.4	2.6	0.0	2.9	-1.9	n.p.	0.3
February	0.0	0.0	0.0	-1.6	n.p.	5.1	-1.9	7.7	-2.4	0.0	-2.5	0.0	2.8	-1.9	n.p.	-0.4
March	-0.4	0.0	1.6	-1.7	n.p.	2.9	-1.9	0.0	-4.9	-2.7	0.0	0.0	2.7	-2.0	n.p.	-0.8
April	-0.7	0.0	0.0	0.0	n.p.	0.9	-1.9	7.1	-2.6	-2.7	-2.6	0.0	5.3	-2.0	n.p.	-0.9
May	-0.4	0.0	0.0	0.0	n.p.	0.9	-1.3	0.0	-2.6	-2.8	-5.3	0.0	5.0	-2.0	n.p.	-0.7
June	-0.7	0.0	-1.6	0.8	n.p.	0.9	-1.3	0.0	-2.7	-1.4	-2.8	0.0	4.8	0.0	n.p.	-0.8

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes. (c) The standard error of the estimates for the latest month and of the latest month from the preceding month - see paragraphs 8 to 11 of Explanatory Notes. (d) Subject to revision - see paragraphs 21 to 25 of Explanatory Notes.

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

Month	*Food stores, liquor stores, and licensed clubs (b)*		*All other stores*		*Total*	
	$ million	*% change from preceding month*	*$ million*	*% change from preceding month*	*$ million*	*% change from preceding month*
1988						
June	43.9		17.4		61.4	
July	43.3	-1.4	18.1	4.0	61.5	0.2
August	42.3	-2.3	18.2	0.6	60.6	-1.5
September	44.7	5.7	18.9	3.8	63.7	5.1
October	44.1	-1.3	18.4	-2.6	62.7	-1.6
November	40.1	-9.1	19.7	7.1	59.8	-4.6
December	45.6	13.7	26.8	36.0	72.2	20.7
1989						
January	39.6	-13.2	15.8	-41.0	55.5	-23.1
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
Standard error (c) of						
Level	2.3		0.8		2.4	
Change	1.0		0.4		1.0	

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 8 to 11 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'*, (Catalogue no. 8511.0).

Scope and coverage

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

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

Definition of Turnover

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

Industry Detail

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

Other food stores: ASIC classes 4883, 4885, 4886

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

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

Electrical goods stores: ASIC classes 4855, 4856

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

Constant Price Statistics

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

Reliability of Estimates

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

Sample error

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

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

> The *estimated change* of \$41.0 million (0.6 per cent) in the total value of turnover between May 1989 and June 1989 has a standard error of about \$32.5 million (0.5 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 \$8.5 million to \$73.5 million (0.1 per cent to 1.1 per cent) and nineteen chances in twenty that the change would be within -\$24.0 million to \$106.0 million (-0.4 per cent to 1.6 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

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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 seasonally adjusted figures in this bulletin have been revised as a result of annual re-analysis of the seasonal adjustment factors for the Retail Turnover series. The re-analysis, provides the most up to date information on seasonal, trading day and other effects. For information concerning the effects of changes in the timing of school holidays, refer to Information Paper 8511.0

24. As trend estimates are obtained by smoothing the seasonally adjusted series, the revision of the seasonally adjusted figures has led to some revision of recent trend estimates for the Australia by Industry series and the State total series. Revisions to the State by Industry series as a result of the re-analysis will appear in the July publication.

25. 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.

26. 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 July seasonally adjusted result shows a +1.0% movement, then the trend movement would be 0.9% for July, 1.1% for June and 1.0% for May. A -1.0% seasonally adjusted result would return trend movements of 0.6%, 0.8% and 0.8% respectively.

27. 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

28. Current publications produced by the ABS are listed in the *Catalogue of Publications, 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

VIATEL.	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 CSIRONET.
	For further information phone the AUSSTATS Help Desk on (062) 52 6017.
TELESTATS.	This service provides foreign trade statistics tailored to users' requirements.
	Further information is available on (062) 52 5404.

Floppy disk service

Selected ABS services are available on floppy disk. Further information is available on (062) 52 6684.

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