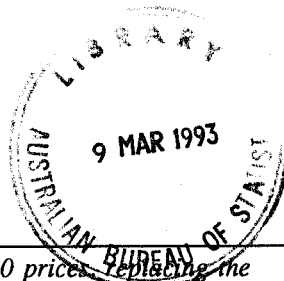


CATALOGUE NO. 8501.0

EMBARGOED UNTIL 11.30 A.M. 9 MARCH 1993

**RETAIL TRADE
AUSTRALIA, JANUARY 1993**


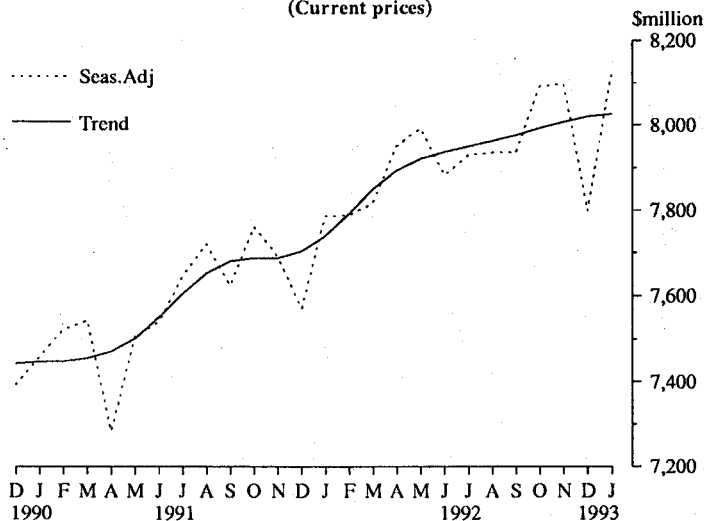
Note: The constant price estimates presented in this publication are now at average 1989-90 prices replacing the estimates at average 1984-85 prices presented in the previous issue of this publication. The new estimates are considered to present a more accurate picture of changes in retail activity over recent years than the estimates at average 1984-85 prices. See paragraph 7 of the Explanatory Notes.

SUMMARY OF FINDINGS
Australian estimates

The January 1993 seasonally adjusted estimate of turnover for retail and selected service establishments rose by 4.2 per cent over December 1992. This increase follows a fall of 3.7 per cent in December 1992. Care should be exercised when interpreting the December 1992 and January 1993 data because of possible changes in purchasing and trading patterns during December and January.

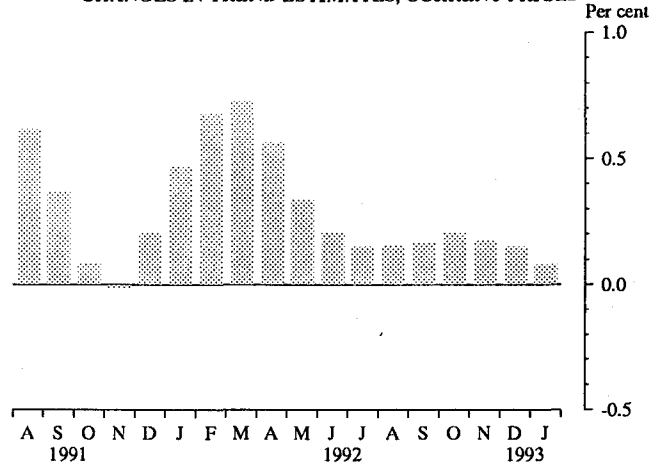
In spite of the large seasonally adjusted increase, the growth in the trend estimate for January was 0.1 per cent. This continues the pattern of weak growth in the trend estimates of turnover since May 1992.

CHART1: TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS, MONTHLY ESTIMATES, AUSTRALIA (Current prices)


INQUIRIES

- for further information about statistics in this publication and the availability of related unpublished statistics, contact Bill Powell on Canberra (06) 252 6132 or any ABS office.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

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



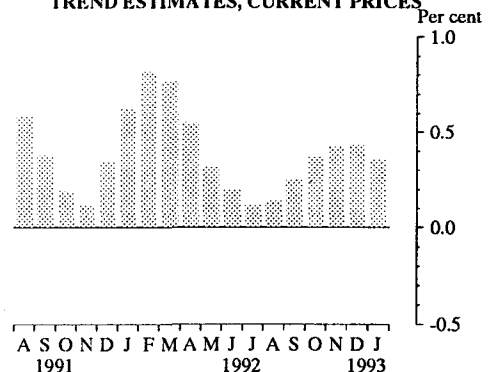
Industry trends

The trend estimates of turnover show that the Grocery industry, after reaching a low point in September and October 1992, has strengthened marginally and is now averaging growth of 0.2 per cent over the three months ended January 1993. Department and General stores are showing strong growth with an average increase of 0.9 per cent over the last three months. Clothing and fabric stores, which went through a period of decline in mid 1992, are now showing growth, with average growth of 0.5 per cent over the same period. Other food stores are in decline as is Hotels, liquor stores and licensed clubs, although the rate of decline has slowed in the last few months.

PERCENTAGE CHANGE IN TREND ESTIMATES OF TURNOVER

<i>Industry</i>	<i>Average monthly increase for 3 months to January 1993</i>	<i>Average monthly increase for 12 months to January 1993</i>
Grocers	0.2	0.5
Other food stores (excluding Butchers)	-0.3	-0.1
Hotels, liquor stores, licensed clubs	-0.4	-0.1
Clothing and fabrics stores	0.5	-0.3
Department and general stores	0.9	0.4
Total all industries	0.1	0.3

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



Analysis of the *retail* industries shows average growth of 0.4 per cent over the three months ended January 1993 which is 0.3 percentage points higher than the all industries growth rate.

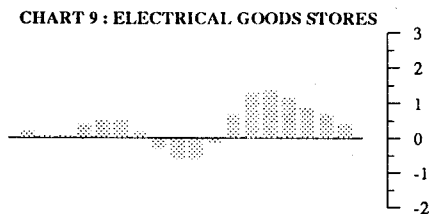
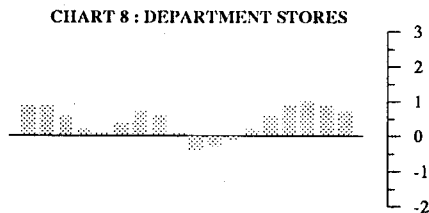
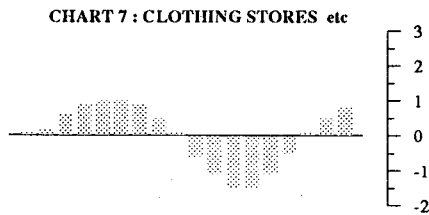
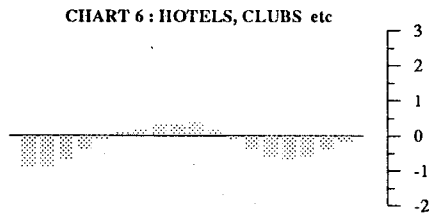
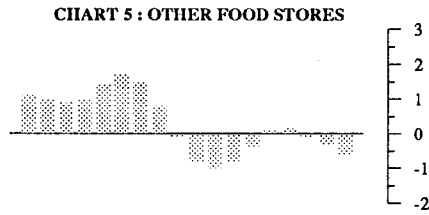
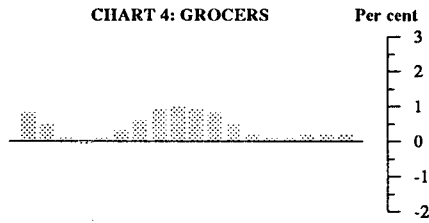
State trends

State trend estimates are showing a mixture of results. New South Wales is the only state where trend estimates of turnover are in decline. However, this rate of decline is now easing. Victoria continues to show moderate growth. Queensland and Western Australia are also showing moderate growth but after a period of strong growth observed over the last half of 1992. South Australia is coming out of decline and is currently showing weak growth while Tasmania and the Australian Capital Territory are each showing strong growth.

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

TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS, AUSTRALIA

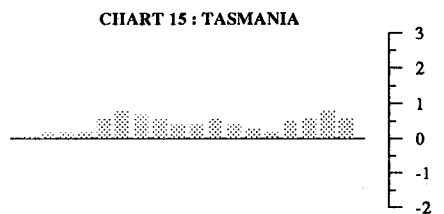
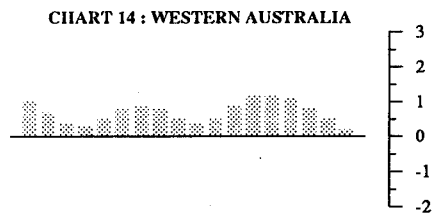
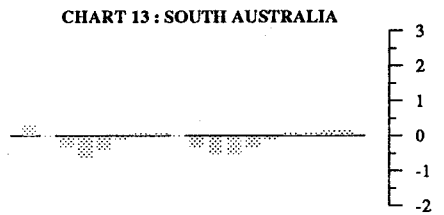
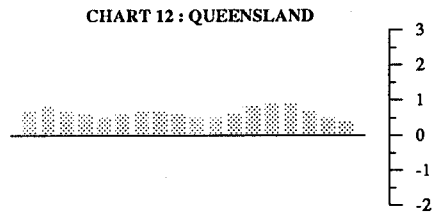
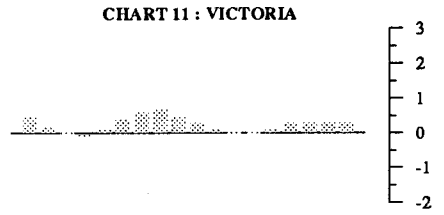
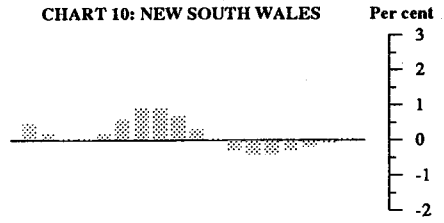
TREND ESTIMATES, MONTHLY CHANGES CURRENT PRICES, SELECTED INDUSTRIES
 Percentage change from preceding month



A S O N D J F M A M J J A S O N D J
 1991 1992 1993

TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS

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



A S O N D J F M A M J J A S O N D J
 1991 1992 1993

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
<i>1991 —</i>								
November	8,020.1	1.9	3.1	7,692.3	-0.9	7,688.8	0.0	3.4
December	10,030.1	25.1	2.9	7,572.1	-1.6	7,704.7	0.2	3.5
<i>1992 —</i>								
January	7,614.4	-24.1	5.0	7,788.3	2.9	7,740.8	0.5	3.9
February	7,106.2	-6.7	7.4	7,790.7	0.0	7,793.5	0.7	4.6
March	7,475.9	5.2	3.1	7,817.5	0.3	7,850.1	0.7	5.3
April	7,694.5	2.9	8.9	7,951.6	1.7	7,894.7	0.6	5.7
May	7,797.3	1.3	3.8	7,994.4	0.5	7,921.5	0.3	5.6
June	7,547.9	-3.2	7.2	7,882.5	-1.4	7,938.3	0.2	5.1
July	7,819.7	3.6	4.9	7,930.5	0.6	7,950.1	0.1	4.5
August	7,461.0	-4.6	-1.3	7,936.4	0.1	7,962.9	0.2	4.0
September	7,745.6	3.8	7.5	7,934.8	0.0	7,976.5	0.2	3.8
October	8,252.3	6.5	4.8	8,092.9	2.0	7,993.1	0.2	4.0
November	8,126.9	-1.5	1.3	8,098.1	0.1	8,007.6	0.2	4.1
December	r 10,630.1	30.8	6.0	r 7,798.5	-3.7	8,019.5	0.1	4.1
<i>1993 —</i>								
January	7,787.1	-26.7	2.3	8,124.9	4.2	8,025.8	0.1	3.7
<i>Standard error (c) of</i>								
Latest month	67.2							
Change from previous month	51.6	0.5						

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

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

Quarter	Original			Seasonally adjusted		
	\$m	% change from preceding quarter	% change from corresponding quarter of previous year	\$m	% change from preceding quarter	% change from corresponding quarter of previous year
AT CURRENT PRICES						
<i>1991 —</i>						
December	25,924.3	16.7	3.9	23,026.5	0.1	3.7
<i>1992 —</i>						
March	22,196.5	-14.4	5.1	23,396.5	1.6	3.9
June	23,039.7	3.8	6.6	23,828.5	1.8	6.7
September	23,026.3	-0.1	3.7	23,801.7	-0.1	3.5
December	r 27,009.3	17.3	4.2	r 23,989.5	0.8	4.2
AT CONSTANT (AVERAGE 1989-90) PRICES						
<i>1991 —</i>						
December	24,302.7	16.2	1.1	21,575.2	-0.5	1.0
<i>1992 —</i>						
March	20,705.6	-14.8	3.1	21,776.9	0.9	1.8
June	21,343.4	3.1	4.5	22,116.3	1.6	4.7
September	21,298.8	-0.2	1.8	22,039.8	-0.3	1.7
December	24,771.4	16.3	1.9	22,000.1	-0.2	2.0

(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, confect- ioners, tobacco- onists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Footwear stores	Domestic hardware stores, jewellers	Elec- trical goods stores	Furn- iture stores	Floor cover- ings stores	Pharma- cies	News- agents	Other stores	Total	
																	ORIGINAL \$ million
1991 —																	
November	2,298.5	178.2	537.5	994.6	422.0	575.2	935.0	99.2	254.5	427.2	182.4	80.4	319.7	268.2	447.5	8,020.1	
December	2,491.4	204.1	614.2	1,184.0	462.7	815.1	1,584.4	136.7	389.4	584.4	183.2	67.0	383.1	332.2	598.2	10,030.1	
1992 —																	
January	2,292.8	176.8	570.6	979.2	396.3	536.2	732.7	123.2	211.0	434.6	159.1	55.3	302.9	269.0	374.7	7,614.4	
February	2,198.6	167.7	526.5	910.9	357.8	471.1	659.2	85.7	214.9	391.3	152.1	57.4	281.5	266.8	364.7	7,106.2	
March	2,256.2	184.2	568.4	938.0	404.9	501.7	694.6	100.1	230.4	407.6	154.2	59.6	298.3	283.3	394.3	7,475.9	
April	2,313.6	183.1	559.0	918.4	400.4	569.1	822.9	115.1	226.4	394.3	158.0	59.6	311.5	263.8	399.3	7,694.5	
May	2,308.6	189.7	554.6	911.7	395.1	609.6	869.6	121.0	232.6	419.2	161.8	60.7	311.7	265.7	385.8	7,797.3	
June	2,230.9	189.8	516.5	900.7	389.2	590.3	817.6	110.0	210.7	416.3	171.5	70.7	323.6	250.2	359.9	7,547.9	
July	2,385.3	202.6	525.3	919.3	395.9	594.0	780.1	106.3	226.2	448.7	175.6	73.0	338.6	277.0	371.9	7,819.7	
August	2,300.3	194.3	520.1	924.6	381.5	496.8	716.1	95.3	217.8	403.5	176.4	67.9	325.6	269.3	371.5	7,461.0	
September	2,298.2	193.3	549.2	918.7	399.4	516.4	811.4	113.8	230.5	426.0	174.4	63.6	351.2	266.0	433.4	7,745.6	
October	2,469.8	199.6	562.1	974.1	402.5	579.7	893.1	123.3	261.3	438.7	195.0	66.5	354.1	260.3	472.2	8,252.3	
November	2,315.0	187.1	554.8	951.2	400.4	558.3	958.8	113.3	276.7	443.2	182.0	69.5	362.5	270.5	483.4	8,126.9	
December	2,709.4	247.8	593.7	1,185.6	472.9	806.8	1,634.4	162.3	411.2	641.5	216.1	67.9	432.6	364.5	683.3	10,630.1	
1993 —																	
January	2,397.4	191.5	569.6	969.7	379.3	501.5	754.5	139.9	238.7	428.9	170.7	56.2	323.2	270.0	395.9	7,787.1	
Standard error (b) of																	
Level	24.6	8.7	26.1	28.0	20.1	15.2	0.0	4.6	12.8	12.7	6.9	5.4	25.2	18.7	17.9	67.2	
Change	13.2	4.8	8.6	12.5	16.2	14.6	0.0	2.7	9.1	7.7	5.0	2.7	12.9	9.9	36.2	51.6	
	TREND ESTIMATES (c) \$ million																
1991 —																	
November	2,245.0	180.9	531.9	948.4	n.p.	565.2	849.2	106.8	224.3	427.8	164.9	68.4	310.4	267.2	n.p.	7,688.8	
December	2,246.3	181.3	539.4	947.4	n.p.	570.7	849.8	108.4	225.2	429.9	164.4	67.5	309.0	268.9	n.p.	7,704.7	
1992 —																	
January	2,253.2	182.4	548.5	948.4	n.p.	576.6	853.1	109.6	230.1	431.9	164.5	65.9	310.6	271.1	n.p.	7,740.8	
February	2,267.5	184.1	556.9	950.2	n.p.	581.9	859.4	109.8	237.6	432.8	165.2	64.5	314.1	272.7	n.p.	7,793.5	
March	2,288.0	186.2	561.3	952.9	n.p.	585.1	864.3	109.3	245.7	431.7	166.2	64.0	317.5	273.7	n.p.	7,850.1	
April	2,309.9	188.4	560.8	956.1	n.p.	585.4	865.1	108.6	252.3	429.0	167.5	64.6	320.7	274.3	n.p.	7,894.7	
May	2,331.5	190.3	556.4	959.8	n.p.	582.1	861.8	108.1	256.1	426.3	169.4	65.7	324.2	274.2	n.p.	7,921.5	
June	2,349.8	191.5	550.9	961.8	n.p.	575.7	859.0	108.4	257.7	426.0	171.5	66.3	328.2	273.3	n.p.	7,938.3	
July	2,361.3	192.2	546.5	960.8	n.p.	567.3	858.0	109.9	257.0	428.9	173.5	65.9	332.8	272.2	n.p.	7,950.1	
August	2,366.8	193.1	544.4	956.8	n.p.	558.9	859.8	112.4	255.0	434.5	175.4	64.7	337.4	271.9	n.p.	7,962.9	
September	2,369.1	194.7	544.7	950.9	n.p.	552.5	864.9	115.7	252.1	440.7	176.9	63.4	341.5	273.3	n.p.	7,976.5	
October	2,371.5	196.9	545.7	945.5	n.p.	549.7	873.0	119.5	248.9	445.9	178.2	62.7	344.8	275.9	n.p.	7,993.1	
November	2,375.3	199.5	545.0	939.3	n.p.	550.4	881.8	123.3	245.9	449.9	179.3	62.9	346.9	278.6	n.p.	8,007.6	
December	2,380.5	202.2	543.4	935.6	n.p.	553.1	889.5	126.9	243.7	453.0	180.3	63.8	348.0	281.2	n.p.	8,019.5	
1993 —																	
January	2,384.4	204.7	540.4	933.8	n.p.	557.4	896.0	129.7	242.1	455.0	181.2	65.3	348.4	283.3	n.p.	8,025.8	

See footnotes at end of table.

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

Month	Grocers, confectioners, tobacconists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafés and restaurants	Clothing and fabrics stores	Department and general stores	Footwear stores	Domestic hardware stores, jewellers	Electrical goods stores	Furniture stores	Floor coverings stores	Pharmacies	Newsagents	Other stores	Total
percentage change from preceding month																
1991 —																
November	-0.1	-0.1	1.0	-0.4	n.p.	0.9	0.2	1.9	-1.2	0.4	-0.5	0.4	-1.4	0.3	n.p.	0.0
December	0.1	0.2	1.4	-0.1	n.p.	1.0	0.1	1.5	0.4	0.5	-0.3	-1.3	-0.5	0.6	n.p.	0.2
1992 —																
January	0.3	0.6	1.7	0.1	n.p.	1.0	0.4	1.1	2.2	0.5	0.1	-2.4	0.5	0.8	n.p.	0.5
February	0.6	0.9	1.5	0.2	n.p.	0.9	0.7	0.2	3.3	0.2	0.4	-2.1	1.1	0.6	n.p.	0.7
March	0.9	1.1	0.8	0.3	n.p.	0.5	0.6	-0.5	3.4	-0.3	0.6	-0.8	1.1	0.4	n.p.	0.7
April	1.0	1.2	-0.1	0.3	n.p.	0.1	0.1	-0.6	2.7	-0.6	0.8	0.9	1.1	0.2	n.p.	0.6
May	0.9	1.0	-0.8	0.4	n.p.	-0.6	-0.4	-0.5	1.5	-0.6	1.1	1.7	1.1	0.0	n.p.	0.3
June	0.8	0.6	-1.0	0.2	n.p.	-1.1	-0.3	0.3	0.3	0.7	1.2	0.9	1.2	-0.3	n.p.	0.2
July	0.5	0.4	-0.8	-0.1	n.p.	-1.5	-0.1	1.4	-0.3	0.7	1.2	-0.6	1.4	-0.4	n.p.	0.1
August	0.2	0.5	-0.4	-0.4	n.p.	-1.5	0.2	2.3	-0.8	1.3	1.1	-1.8	1.4	-0.1	n.p.	0.2
September	0.1	0.8	0.1	-0.6	n.p.	-1.1	0.6	2.9	-1.1	1.4	0.9	-2.0	1.2	0.5	n.p.	0.2
October	0.1	1.1	0.2	-0.7	n.p.	-0.5	0.9	3.3	-1.3	1.2	0.7	-1.1	1.0	1.0	n.p.	0.2
November	0.2	1.3	-0.1	-0.6	n.p.	0.1	1.0	3.2	-1.2	0.9	0.6	0.3	0.6	1.0	n.p.	0.2
December	0.2	1.4	-0.3	-0.4	n.p.	0.5	0.9	2.9	-0.9	0.7	0.6	1.4	0.3	0.9	n.p.	0.1
1993 —																
January	0.2	1.2	-0.6	-0.2	n.p.	0.8	0.7	2.2	-0.7	0.4	0.5	2.3	0.1	0.7	n.p.	0.1
TREND ESTIMATES (c)																
percentage change from corresponding month of previous year																
1991 —																
November	6.1	-3.5	8.8	-5.9	n.p.	4.6	4.0	6.4	6.0	-3.8	11.2	11.1	2.4	5.7	n.p.	3.4
December	5.1	-2.5	9.9	-5.4	n.p.	4.9	3.8	6.5	6.1	-3.5	10.1	10.7	2.9	7.4	n.p.	3.5
1992 —																
January	4.7	-1.5	11.1	-4.8	n.p.	5.4	4.1	6.6	7.5	-2.6	8.8	8.2	4.7	8.5	n.p.	3.9
February	4.9	-0.3	12.3	-4.2	n.p.	5.9	5.0	6.6	9.5	-1.4	7.8	5.6	6.5	8.5	n.p.	4.6
March	5.7	1.1	12.8	-3.9	n.p.	6.1	5.8	7.0	11.5	-0.3	7.1	3.7	6.4	7.6	n.p.	5.3
April	6.4	2.6	12.3	-3.5	n.p.	5.9	6.1	7.7	12.7	0.2	6.7	3.9	4.6	6.4	n.p.	5.7
May	6.9	3.9	10.8	-3.0	n.p.	5.1	5.6	8.5	12.6	0.3	6.9	4.8	2.5	5.1	n.p.	5.6
June	6.9	4.8	8.9	-2.3	n.p.	3.7	4.7	9.2	11.7	0.4	6.9	4.6	1.5	4.0	n.p.	5.1
July	6.5	5.5	6.9	-1.6	n.p.	2.1	3.7	10.1	10.2	1.0	6.7	2.3	1.9	3.1	n.p.	4.5
August	6.0	6.2	5.4	-1.1	n.p.	0.6	3.0	11.4	9.1	2.1	6.7	-1.7	3.8	2.6	n.p.	4.0
September	5.6	7.3	4.4	-0.8	n.p.	-0.8	2.7	12.6	9.1	3.5	6.8	-5.7	6.5	2.7	n.p.	3.8
October	5.5	8.8	3.6	-0.8	n.p.	-1.9	3.0	14.0	9.6	4.6	7.5	-7.9	9.5	3.5	n.p.	4.0
November	5.8	10.3	2.5	-1.0	n.p.	-2.6	3.8	15.4	9.6	5.2	8.7	-8.1	11.8	4.3	n.p.	4.1
December	6.0	11.5	0.7	-1.2	n.p.	-3.1	4.7	17.1	8.2	5.4	9.7	-5.4	12.6	4.6	n.p.	4.1
1993 —																
January	5.8	12.3	-1.5	-1.5	n.p.	-3.3	5.0	18.3	5.2	5.3	10.1	-0.9	12.2	4.5	n.p.	3.7

(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 1989—90) PRICES, AUSTRALIA (a)

Quarter	Grocers, confect- ioners, tobacc-	Butchers	Other food stores	Hotels, liquor stores, and licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Domestic hardware stores, jewellers	Elec- trical goods stores	Furn- iture stores	Floor cover- ings stores	Pharma- cies	News- agents	Other stores	Total	
																ORIGINAL
SEASONALLY ADJUSTED ESTIMATES																
percentage change from preceding quarter																
percentage change from corresponding quarter of previous year																
1991 —	\$ million															
December	6,629.3	578.7	1,592.1	2,849.4	1,197.0	1,863.9	3,182.4	327.3	882.9	1,411.2	497.4	219.4	909.5	780.6	1,381.6	24,302.7
1992 —	\$ million															
March	6,271.8	535.6	1,561.8	2,557.5	1,063.5	1,423.3	1,971.2	292.0	637.8	1,228.0	431.0	166.1	783.6	739.8	1,042.6	20,705.6
June	6,326.6	571.1	1,537.7	2,446.7	1,077.4	1,659.4	2,347.7	326.7	629.1	1,221.5	441.6	184.7	832.4	700.1	1,040.7	21,343.4
September	6,428.0	606.4	1,522.5	2,459.3	1,061.7	1,506.9	2,158.1	304.8	637.5	1,275.1	481.3	199.7	881.1	707.7	1,068.7	21,298.8
December	6,828.4	654.7	1,602.7	2,753.7	1,153.1	1,803.5	3,229.4	378.7	884.9	1,520.8	533.7	199.8	989.0	767.9	1,471.1	24,771.4
1991 —	\$ million															
December	6,313.8	542.2	1,508.3	2,582.0	n.p.	1,597.9	2,406.0	302.4	666.4	1,256.9	449.0	200.3	832.5	733.4	n.p.	21,575.2
1992 —	\$ million															
March	6,311.2	559.2	1,552.4	2,583.2	n.p.	1,648.2	2,408.2	312.0	702.1	1,314.8	459.9	185.7	836.8	731.6	n.p.	21,776.9
June	6,462.8	584.5	1,585.4	2,574.5	n.p.	1,646.1	2,477.9	307.1	717.3	1,254.1	456.3	190.2	858.2	738.7	n.p.	22,116.3
September	6,527.2	600.0	1,562.3	2,561.2	n.p.	1,547.9	2,364.4	326.6	723.3	1,299.7	485.1	190.7	873.1	717.3	n.p.	22,039.8
December	6,471.1	611.9	1,521.0	2,486.5	n.p.	1,539.9	2,439.2	349.3	669.8	1,352.7	480.3	181.1	903.4	716.5	n.p.	22,000.1
1991 —	percentage change from preceding quarter															
December	0.2	-0.8	1.2	-2.4	n.p.	1.3	0.4	5.3	-5.7	-1.8	-3.5	7.2	-7.5	0.6	n.p.	-0.5
1992 —	percentage change from preceding quarter															
March	0.0	3.1	2.9	0.0	n.p.	3.1	0.1	3.2	5.4	4.6	2.4	-7.3	0.5	-0.2	n.p.	0.9
June	2.4	4.5	2.1	-0.3	n.p.	-0.1	2.9	-1.6	2.2	-4.6	-0.8	2.4	2.6	1.0	n.p.	1.6
September	1.0	2.7	-1.5	-0.5	n.p.	-6.0	-4.6	6.3	0.8	3.6	6.3	0.3	1.7	-2.9	n.p.	-0.3
December	-0.9	2.0	-2.6	-2.9	n.p.	-0.5	3.2	7.0	-7.4	4.1	-1.0	-5.0	3.5	-0.1	n.p.	-0.2
1991 —	percentage change from corresponding quarter of previous year															
December	3.5	-2.4	4.1	-9.1	n.p.	2.9	1.7	4.1	5.7	-5.4	9.3	13.2	-4.5	1.7	n.p.	1.0
1992 —	percentage change from corresponding quarter of previous year															
March	1.7	3.0	9.7	-6.5	n.p.	5.3	2.3	5.5	5.3	0.3	4.6	7.3	2.4	1.2	n.p.	1.8
June	5.5	6.1	8.7	-5.6	n.p.	6.0	7.9	7.2	9.7	0.4	4.8	3.9	1.1	2.0	n.p.	4.7
September	3.6	9.8	4.8	-3.2	n.p.	-1.9	-1.3	13.8	2.3	1.5	4.3	2.0	-3.0	-1.6	n.p.	1.7
December	2.5	12.9	0.8	-3.7	n.p.	-3.6	1.4	15.5	0.5	7.6	7.0	-9.6	8.5	-2.3	n.p.	2.0

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

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

Month	New South Wales	Victoria	Queensland	ORIGINAL \$ million						Australia		
				South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory				
1991 —												
November	2,914.6	1,929.8	1,366.8	641.6	731.5	201.3	80.3	154.2	8,020.1			
December	3,605.7	2,481.9	1,697.7	777.8	919.6	263.7	91.8	191.8	10,030.1			
1992 —												
January	2,737.8	1,821.6	1,328.1	601.7	708.3	202.3	73.7	140.9	7,614.4			
February	2,587.8	1,710.3	1,202.2	552.4	663.3	184.8	72.7	132.7	7,106.2			
March	2,701.5	1,803.8	1,285.1	583.7	687.5	192.0	76.9	145.3	7,475.9			
April	2,783.2	1,853.4	1,304.0	606.1	721.6	199.9	78.3	147.9	7,694.5			
May	2,830.9	1,866.5	1,331.7	603.0	731.9	198.9	83.0	151.3	7,797.3			
June	2,746.1	1,779.1	1,329.9	569.3	694.7	191.4	89.0	148.4	7,547.9			
July	2,818.9	1,846.1	1,389.1	592.4	725.0	202.0	96.6	149.6	7,819.7			
August	2,685.6	1,751.9	1,331.0	561.8	701.3	192.2	91.9	145.3	7,461.0			
September	2,784.5	1,819.6	1,389.5	578.3	736.4	194.9	90.6	151.9	7,745.6			
October	2,906.8	1,979.7	1,462.2	620.3	818.5	210.2	92.5	162.3	8,252.3			
November	2,901.2	1,930.3	1,448.7	607.3	785.2	206.9	87.1	160.2	8,126.9			
December	3,727.4	2,592.5	1,882.2	r 805.1	1,025.4	279.2	107.4	210.9	r 10,630.1			
1993 —												
January	2,719.2	1,897.3	1,397.2	586.8	749.7	209.7	80.9	146.2	7,787.1			
Standard error (b) of												
Level	47.2	32.2	28.5	11.8	15.8	5.7	1.9	3.1	67.2			
Change	26.5	33.6	25.6	7.4	10.2	3.6	1.6	2.7	51.6			
TREND ESTIMATES (c) \$ million												
1991 —												
November	2,776.3	1,849.6	1,320.0	612.2	706.5	195.8	n.p.	148.3	7,688.8			
December	2,782.2	1,850.8	1,326.7	609.7	709.7	197.0	n.p.	148.9	7,704.7			
1992 —												
January	2,799.3	1,857.4	1,334.6	608.9	715.3	198.6	n.p.	149.5	7,740.8			
February	2,824.7	1,868.7	1,343.8	609.7	721.9	200.0	n.p.	150.2	7,793.5			
March	2,851.0	1,881.4	1,353.4	610.5	727.9	201.3	n.p.	150.7	7,850.1			
April	2,869.7	1,891.5	1,362.1	610.3	731.7	202.2	n.p.	151.0	7,894.7			
May	2,878.0	1,896.7	1,369.1	608.5	734.5	203.1	n.p.	151.2	7,921.5			
June	2,877.9	1,898.8	1,376.1	605.5	738.4	204.3	n.p.	151.5	7,938.3			
July	2,869.7	1,898.3	1,384.1	602.6	744.8	205.2	n.p.	152.1	7,950.1			
August	2,857.6	1,898.4	1,394.5	600.9	753.4	205.8	n.p.	153.3	7,962.9			
September	2,844.9	1,901.2	1,406.9	600.5	762.6	206.3	n.p.	154.9	7,976.5			
October	2,835.3	1,906.8	1,419.3	601.0	771.1	207.3	n.p.	156.6	7,993.1			
November	2,829.1	1,913.1	1,429.7	601.9	777.4	208.6	n.p.	158.2	8,007.6			
December	2,825.5	1,919.6	1,437.5	603.1	781.6	210.2	n.p.	159.5	8,019.5			
1993 —												
January	2,825.4	1,926.0	1,443.5	604.5	783.4	211.5	n.p.	160.7	8,025.8			

See footnotes at end of table.

TABLE 6. TURNOVER OF RETAIL AND SELECTED SERVICE ESTABLISHMENTS,
 QUARTERLY ESTIMATES, AT CONSTANT (AVERAGE 1989-90) PRICES, AUSTRALIA, STATES AND TERRITORIES (a)

Quarter	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia	
										ORIGINAL \$ million
SEASONALLY ADJUSTED ESTIMATES										
\$ million										
1991 —										
December	8,772.1	5,899.5	4,159.4	1,923.4	2,224.7	613.2	240.2	470.2	24,302.7	
1992 —										
March	7,497.4	4,967.9	3,575.2	1,611.6	1,914.8	539.1	207.3	392.3	20,705.6	
June	7,759.8	5,067.6	3,695.5	1,637.9	1,987.6	545.4	230.9	418.7	21,343.4	
September	7,660.3	5,004.8	3,836.5	1,586.3	1,999.3	541.7	255.2	414.7	21,298.8	
December	8,740.9	5,983.0	4,400.5	1,841.9	2,410.9	639.9	260.2	494.1	24,771.4	
1991 —										
December	7,780.8	5,188.3	3,745.0	1,716.9	1,984.0	546.2	n.p.	420.2	21,575.2	
1992 —										
March	7,913.0	5,189.0	3,765.0	1,695.8	2,011.0	557.1	n.p.	421.3	21,776.9	
June	8,053.2	5,281.3	3,856.1	1,686.4	2,050.9	563.9	n.p.	427.5	22,116.3	
September	7,889.2	5,245.9	3,879.9	1,648.4	2,071.0	568.6	n.p.	424.1	22,039.8	
December	7,743.1	5,256.5	3,938.7	1,630.3	2,145.2	571.0	n.p.	439.8	22,000.1	
percentage change from preceding quarter										
1991 —										
December	-1.2	-0.4	2.3	-1.4	0.8	-1.4	n.p.	2.5	-0.5	
1992 —										
March	1.7	0.0	0.5	-1.2	1.4	2.0	n.p.	0.3	0.9	
June	1.8	1.8	2.4	-0.6	2.0	1.2	n.p.	1.5	1.6	
September	-2.0	-0.7	0.6	-2.3	1.0	0.8	n.p.	-0.8	-0.3	
December	-1.9	0.2	1.5	-1.1	3.6	0.4	n.p.	3.7	-0.2	
percentage change from corresponding quarter of previous year										
1991 —										
December	0.9	-0.8	2.7	-1.2	3.9	0.5	n.p.	10.7	1.0	
1992 —										
March	3.2	0.1	3.6	-4.0	5.4	-1.0	n.p.	6.8	1.8	
June	4.9	3.0	6.8	-1.5	7.8	4.4	n.p.	6.8	4.7	
September	0.2	0.7	6.0	-5.4	5.2	2.6	n.p.	3.4	1.7	
December	-0.5	1.3	5.2	-5.0	8.1	4.5	n.p.	4.7	2.0	

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

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

Month	Grocers, confect- ioners, tobacc- onists	Butchers	Other food stores	Hotels, liquor stores, and licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Domestic hardware stores, jewellers	Elec- trical goods stores	Furni- ture stores	Floor cover- ings stores	Pharma- cies	News- agents	Other stores	Total	
																ORIGINAL \$ million
1991 —																
November	700.5	74.4	170.1	461.6	177.5	224.2	327.3	33.5	84.1	146.6	71.8	25.7	145.6	120.6	151.1	2,914.6
December	770.9	86.8	189.7	521.9	187.3	322.9	573.9	47.3	115.7	194.3	63.3	21.6	164.9	132.2	213.1	3,605.7
1992 —																
January	707.1	77.2	189.4	456.6	145.9	219.2	253.5	41.6	70.4	145.8	51.7	17.5	123.5	106.4	131.9	2,737.8
February	675.2	73.6	172.8	419.5	138.4	188.8	229.6	31.7	76.9	138.7	52.2	18.2	123.1	113.6	135.4	2,587.8
March	696.6	81.0	191.6	429.3	156.4	193.3	239.4	36.9	79.3	141.4	48.6	17.8	110.8	123.6	155.4	2,701.5
April	718.3	81.9	183.1	430.0	155.8	220.1	283.7	41.5	73.2	137.4	50.8	20.9	114.4	117.5	154.6	2,783.2
May	711.0	84.8	182.7	432.7	159.4	240.5	304.6	42.7	79.2	142.7	54.7	18.4	109.9	113.6	153.9	2,830.9
June	689.8	83.6	173.2	425.4	151.2	238.5	286.5	38.2	67.6	148.3	52.3	22.0	119.7	108.2	141.5	2,746.1
July	742.0	89.6	165.9	415.2	155.7	238.5	268.7	37.0	72.0	160.5	56.0	23.2	123.5	122.5	148.6	2,818.9
August	724.0	91.4	164.8	423.1	150.6	186.9	238.6	33.5	72.3	139.7	52.2	21.7	115.2	121.1	150.6	2,685.6
September	718.8	88.9	169.8	416.7	149.8	189.6	281.2	43.8	77.1	146.2	58.1	22.9	135.3	110.1	176.1	2,784.5
October	761.8	91.1	174.5	435.5	142.5	212.9	304.2	46.2	82.4	151.5	61.0	22.5	129.1	107.8	183.8	2,906.8
November	718.8	87.9	171.7	421.2	147.0	213.3	332.8	45.1	91.3	151.6	59.8	24.6	133.6	111.2	191.3	2,901.2
December	836.2	110.7	175.9	506.1	181.7	290.4	577.4	58.9	128.3	226.6	71.0	23.9	160.1	140.6	239.6	3,727.4
1993 —																
January	733.7	84.4	167.6	446.4	126.0	185.2	249.6	49.0	70.5	152.0	50.8	18.4	124.6	110.0	151.0	2,719.2
Standard error (b) of																
Level	14.7	5.1	19.1	22.6	12.5	11.0	0.0	2.8	6.8	9.5	2.2	2.7	15.9	15.9	13.0	47.2
Change	7.0	3.4	5.0	7.0	11.8	8.7	0.0	1.0	6.5	5.1	2.5	1.6	8.6	4.9	13.4	26.5
	TREND ESTIMATES (c)															
	\$ million															
1992 —																
August	736.7	88.4	172.4	432.5	n.p.	218.4	295.5	40.5	85.4	152.5	56.2	20.7	122.0	115.8	n.p.	2,857.6
September	735.8	89.3	171.3	428.0	n.p.	211.2	296.0	42.2	83.7	152.6	56.5	21.0	124.2	114.6	n.p.	2,844.9
October	734.5	90.2	170.1	424.4	n.p.	204.9	298.5	44.1	81.2	153.0	56.5	21.5	126.3	114.9	n.p.	2,835.3
November	733.7	90.8	168.3	422.5	n.p.	201.2	301.7	45.7	78.5	153.8	56.6	22.0	128.2	116.0	n.p.	2,829.1
December	733.3	91.2	166.0	422.0	n.p.	199.3	304.2	47.0	76.0	154.8	56.6	22.5	129.9	117.9	n.p.	2,825.5
1993 —																
January	732.9	91.4	163.7	423.3	n.p.	199.5	307.4	48.0	73.8	155.9	56.6	23.0	131.3	119.9	n.p.	2,825.4
	percentage change from preceding month															
1992 —																
August	0.2	1.1	-1.2	-1.0	n.p.	-2.8	-0.3	3.3	-0.9	0.1	1.1	0.5	1.5	-1.4	n.p.	-0.4
September	-0.1	1.0	-0.6	-1.0	n.p.	-3.3	0.2	4.1	-2.0	0.1	0.5	1.4	1.8	-1.0	n.p.	-0.4
October	-0.2	1.0	-0.7	-0.8	n.p.	-3.0	0.8	4.5	-3.0	0.3	0.0	2.4	1.7	0.3	n.p.	-0.3
November	-0.1	0.7	-1.1	-0.4	n.p.	-1.8	1.1	3.6	-3.3	0.5	0.2	2.3	1.5	1.0	n.p.	-0.2
December	-0.1	0.4	-1.4	-0.1	n.p.	-0.9	0.8	2.8	-3.2	0.6	0.0	2.3	1.3	1.6	n.p.	-0.1
1993 —																
January	-0.1	0.2	-1.4	0.3	n.p.	0.1	1.1	2.1	-2.9	0.7	0.0	2.2	1.1	1.7	n.p.	0.0

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		Department and general stores		Footwear stores		Domestic hardware stores, jewellers		Electrical goods stores		Furniture stores		Floor coverings stores		Pharmacies		News-agents		Other stores		Total
	confectioners, tobacconists	Butchers	Other food stores	liquor stores, licensed clubs	rest-aurants	clothing and fabrics stores	department and general stores	footwear stores	domestic hardware stores, jewellers	electrical goods stores	furniture stores	floor coverings stores	pharmacies	news-agents	other stores	total											
ORIGINAL \$ million																											
1991 —																											
November	635.2	41.2	127.7	179.5	90.0	139.2	216.8	28.3	79.2	98.7	39.0	17.5	63.7	51.4	122.3	1,929.8											
December	678.8	46.2	168.7	234.7	99.0	201.0	380.9	39.3	131.0	137.5	45.1	15.1	81.6	72.7	150.3	2,481.9											
1992 —																											
January	611.2	39.9	134.3	175.3	90.4	121.5	166.1	36.6	61.7	106.0	42.8	13.7	70.9	61.8	89.3	1,821.6											
February	587.4	36.7	130.6	174.4	84.1	108.7	155.2	25.0	65.5	87.1	38.6	13.2	62.3	54.0	87.4	1,710.3											
March	610.7	40.6	144.2	164.6	90.3	125.1	164.2	28.3	73.7	95.3	33.9	14.3	71.9	54.5	92.1	1,803.8											
April	615.0	41.0	143.6	154.9	86.6	147.0	201.6	34.0	71.6	90.6	36.1	12.8	76.1	49.7	92.9	1,853.4											
May	616.0	42.8	143.3	152.8	83.7	151.4	201.6	36.3	69.6	96.4	38.2	14.3	79.9	54.7	85.3	1,866.5											
June	590.3	45.2	116.7	152.2	86.2	142.0	192.6	29.7	63.8	93.8	42.2	15.6	82.2	48.0	78.6	1,779.1											
July	623.4	45.6	124.7	158.3	87.2	142.6	182.7	31.7	71.5	100.7	41.0	17.7	84.8	52.3	82.0	1,846.1											
August	599.4	42.9	120.7	156.9	84.8	121.0	169.2	27.7	64.4	94.5	41.1	16.9	81.5	48.7	82.4	1,751.9											
September	598.6	40.5	131.7	152.1	98.3	124.7	187.9	29.6	70.8	102.3	35.2	16.0	81.7	52.5	97.7	1,819.6											
October	657.2	41.8	133.1	161.4	97.2	147.5	206.1	34.3	86.9	104.1	39.9	18.3	84.5	51.9	115.4	1,979.7											
November	608.2	39.5	134.5	156.4	98.5	136.5	224.6	30.8	83.6	103.1	38.9	17.3	88.4	53.5	116.4	1,930.3											
December	710.9	51.6	163.0	211.6	115.2	202.8	388.3	49.7	131.9	156.1	41.1	18.4	101.9	77.0	173.0	2,592.5											
1993 —																											
January	638.8	39.8	151.3	156.5	96.7	121.3	178.9	43.4	82.1	104.5	41.8	17.1	79.3	57.6	88.4	1,897.3											
TREND ESTIMATES (c) \$ million																											
percentage change from preceding month																											
Standard error (b) of	12.2	4.2	10.0	6.7	11.4	8.4	0.0	3.3	9.6	6.7	5.2	4.0	14.6	6.8	8.7	32.2											
Level	9.8	1.8	5.2	5.5	9.1	9.4	0.0	2.3	4.7	3.3	2.8	1.7	5.6	5.6	26.2	33.6											
1992 —																											
August	626.3	42.6	128.4	166.5	n.p.	137.5	205.0	32.6	76.7	100.2	38.4	16.0	84.4	54.0	n.p.	1,898.4											
September	624.1	42.6	129.6	162.3	n.p.	136.6	205.6	33.5	77.4	103.0	38.0	16.1	84.4	54.5	n.p.	1,901.2											
October	622.4	42.7	132.7	157.6	n.p.	136.7	206.6	34.8	78.5	105.5	37.9	16.2	84.1	55.0	n.p.	1,906.8											
November	621.7	42.9	136.4	153.4	n.p.	137.1	207.8	36.2	79.5	107.4	38.3	16.6	83.7	55.2	n.p.	1,913.1											
December	621.9	43.2	140.3	150.0	n.p.	137.8	209.1	37.8	80.6	109.0	38.9	17.2	83.3	55.2	n.p.	1,919.6											
1993 —																											
January	622.6	43.4	143.2	147.2	n.p.	138.5	210.4	39.0	81.6	110.1	39.8	17.8	83.0	54.9	n.p.	1,926.0											
1992 —																											
August	-0.1	0.2	-1.2	-1.7	n.p.	-1.2	0.2	2.2	-0.1	2.4	-1.5	0.6	0.7	0.4	n.p.	0.0											
September	-0.4	0.0	0.9	-2.5	n.p.	-0.7	0.3	2.7	0.9	2.8	-1.1	0.6	0.0	0.9	n.p.	0.1											
October	-0.3	0.2	2.4	-2.9	n.p.	0.1	0.5	3.8	1.4	2.4	-0.3	0.6	-0.4	0.9	n.p.	0.3											
November	-0.1	0.5	2.8	-2.7	n.p.	0.3	0.6	4.0	1.3	1.8	1.1	2.5	-0.5	0.4	n.p.	0.3											
December	0.0	0.7	2.9	-2.2	n.p.	0.5	0.6	4.4	1.4	1.5	1.6	3.5	-0.5	0.0	n.p.	0.3											
1993 —																											
January	0.1	0.5	2.1	-1.9	n.p.	0.5	0.6	3.2	1.2	1.0	2.3	3.5	-0.4	-0.5	n.p.	0.3											

See footnotes at end of table.

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

Month	Grocers, confectioners, tobacco- omists		Hotels, liquor stores, licensed clubs		Cafes and rest- aurants		Clothing and fabrics stores		Depart- ment and general stores		Footwear stores		Domestic hardware stores, jewellers		Elec- trical goods stores		Furni- ture stores		Floor cover- ings stores		Pharma- cies		News- agents		Other stores		Total		
	Butchers	Other food stores	Other food stores	liquor stores, licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Footwear stores	Domestic hardware stores, jewellers	Elec- trical goods stores	Furni- ture stores	Floor cover- ings stores	Pharma- cies	News- agents	Other stores	Other stores													
QUEENSLAND																													
ORIGINAL \$ million																													
1991 —																													
November	387.1	36.1	99.3	156.0	60.2	112.2	152.1	16.7	37.9	87.9	21.4	38.0	49.6	80.5	1,366.8														
December	413.2	39.9	110.7	187.6	72.5	153.2	243.1	23.9	62.4	123.4	16.3	56.1	65.9	96.4	1,697.7														
1992 —																													
January	391.1	33.5	106.3	150.5	69.7	108.2	121.8	21.9	35.7	83.7	12.2	42.7	56.2	67.0	1,328.1														
February	373.4	34.2	93.8	133.5	54.4	92.2	105.1	12.4	32.5	78.7	12.9	35.5	54.4	62.6	1,202.2														
March	384.1	39.9	98.7	155.4	65.7	91.4	111.7	15.7	31.9	79.6	13.6	45.9	55.3	63.8	1,285.1														
April	393.4	37.6	101.6	149.0	63.6	101.5	127.3	16.9	31.5	73.3	12.6	47.9	50.2	64.0	1,304.0														
May	392.3	40.0	99.1	148.1	62.9	109.2	138.4	18.9	34.2	81.1	14.6	46.5	52.1	64.0	1,331.7														
June	387.7	37.9	105.0	149.1	66.4	105.3	136.9	19.5	32.2	80.6	18.0	47.0	49.1	58.9	1,329.9														
July	420.2	43.7	109.6	166.9	64.6	108.2	129.1	17.1	30.7	87.5	16.1	50.4	53.3	59.0	1,389.1														
August	402.7	37.8	109.4	166.7	58.0	92.9	122.7	15.3	30.7	77.8	14.8	51.4	52.1	59.3	1,331.0														
September	394.9	39.0	121.6	173.0	54.9	103.3	142.1	19.5	30.0	81.1	11.5	60.7	50.5	68.8	1,389.5														
October	423.6	41.3	119.8	182.0	56.6	108.0	150.6	17.5	34.8	85.5	11.1	63.5	46.3	73.6	1,462.2														
November	398.3	36.8	116.5	186.7	55.3	100.8	161.0	15.9	40.3	87.0	12.3	64.0	50.8	82.9	1,448.7														
December	461.6	51.6	118.3	226.7	62.2	154.1	264.4	22.9	58.9	122.7	11.3	76.7	69.0	136.1	1,882.2														
1993 —																													
January	415.2	40.5	120.5	179.7	57.4	98.7	129.2	22.1	34.9	79.0	9.4	53.4	50.3	72.0	1,397.2														
Standard error (b) of																													
Level	11.5	5.4	11.5	13.7	7.3	3.6	0.0	0.9	2.8	3.9	2.1	12.1	6.2	6.6	28.5														
Change	3.7	2.9	4.2	8.0	3.4	4.8	0.0	0.5	2.4	4.1	2.7	6.4	5.7	20.3	25.6														
TREND ESTIMATES (c)																													
\$ million																													
1992 —																													
August	408.5	38.4	112.7	169.9	n.p.	100.5	143.1	17.3	36.1	84.7	13.9	53.7	52.7	n.p.	1,394.5														
September	409.7	38.6	114.1	173.9	n.p.	99.7	144.3	17.4	35.5	85.2	12.6	57.3	52.3	n.p.	1,406.9														
October	410.5	39.4	114.7	177.1	n.p.	100.1	145.7	17.7	34.9	85.5	11.5	60.4	51.8	n.p.	1,419.3														
November	411.2	40.6	114.5	179.5	n.p.	101.3	147.1	18.1	34.5	85.5	10.8	62.6	51.3	n.p.	1,429.7														
December	411.9	42.0	113.7	181.3	n.p.	102.8	148.2	18.5	34.1	85.2	10.3	63.9	50.9	n.p.	1,437.5														
1993 —																													
January	412.3	43.3	112.7	182.2	n.p.	104.5	149.1	18.8	33.9	84.8	10.3	64.6	50.5	n.p.	1,443.5														
percentage change from preceding month																													
1992 —																													
August	0.5	-1.0	2.0	2.6	n.p.	-2.2	0.6	0.0	-1.4	0.6	4.2	6.8	-0.9	n.p.	0.8														
September	0.3	0.5	1.2	2.4	n.p.	-0.8	0.8	0.6	-1.7	0.6	3.2	6.7	-0.8	n.p.	0.9														
October	0.2	2.1	0.5	1.8	n.p.	0.4	1.0	1.8	-1.7	0.4	1.8	5.4	-1.0	n.p.	0.9														
November	0.2	3.1	-0.2	1.4	n.p.	1.2	1.0	2.2	-1.1	0.0	0.8	3.7	-1.0	n.p.	0.7														
December	0.2	3.4	-0.7	1.0	n.p.	1.5	0.7	2.2	-1.1	-0.3	-0.2	2.1	-0.8	n.p.	0.5														
1993 —																													
January	0.1	3.1	-0.9	0.5	n.p.	1.7	0.6	1.6	-0.6	-0.5	-0.3	1.1	-0.8	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, confectioners, tobacconists		Hotels, liquor stores, licensed clubs		Cafes and restaurants		Clothing and fabrics stores		Department and general stores		Footwear stores		Domestic hardware stores, jewellers		Electrical goods stores		Furniture stores		Floor coverings stores		Pharmacies		Newsagents		Other stores		Total		
	Butchers	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores	Other food stores			
SOUTH AUSTRALIA																													
ORIGINAL \$ million																													
1991 —																													
November	194.5	12.1	59.5	69.2	28.1	32.8	100.7	8.5	18.0	33.4	13.3	4.5	25.8	11.9	29.3	641.6													
December	205.3	13.9	56.3	87.3	28.2	38.6	155.9	10.0	28.8	50.2	17.3	3.8	26.7	14.8	40.8	777.8													
1992 —																													
January	191.2	11.6	52.8	70.5	27.6	25.9	79.3	8.5	14.4	38.8	14.0	3.6	21.8	11.9	29.9	601.7													
February	182.7	9.7	49.2	63.8	23.7	24.3	70.0	6.2	12.9	32.9	13.6	3.6	20.2	11.9	27.6	552.4													
March	186.4	8.0	49.0	65.8	29.3	29.7	73.1	7.6	15.9	33.8	15.4	4.4	24.6	13.0	27.8	583.7													
April	191.4	8.1	49.3	64.3	30.8	31.3	85.8	8.5	19.9	32.1	14.1	3.9	25.8	11.1	29.9	606.1													
May	193.4	7.6	45.9	58.6	26.6	34.0	90.5	8.9	19.9	35.2	14.6	3.6	26.5	11.5	26.3	603.0													
June	183.7	8.2	40.6	53.5	27.4	31.2	80.1	8.8	18.0	31.1	15.0	4.2	30.0	10.7	26.9	569.3													
July	190.3	8.9	41.3	55.2	26.8	32.3	82.5	8.1	20.1	32.3	17.6	5.1	32.0	12.5	27.3	592.4													
August	179.8	7.8	40.9	56.4	25.4	29.5	77.2	7.2	19.1	29.8	16.7	4.5	29.9	12.4	25.4	561.8													
September	180.7	10.4	39.8	56.2	27.1	28.3	83.8	8.0	21.8	30.1	16.6	4.1	30.5	10.4	30.4	578.3													
October	195.4	10.7	41.0	62.2	27.4	31.4	96.2	9.5	22.5	29.1	17.6	4.1	31.3	10.2	31.8	620.3													
November	182.9	9.3	40.9	62.1	28.5	29.8	98.9	8.1	25.2	30.6	16.4	4.2	31.6	10.3	28.4	607.3													
December	224.9	12.8	41.8	r 84.1	29.2	39.3	162.0	10.8	37.6	42.1	18.1	3.4	38.7	17.1	43.3	r 805.1													
1993 —																													
January	193.6	10.6	38.3	63.7	28.3	26.7	78.7	9.4	21.4	28.5	16.4	2.7	26.9	10.8	30.9	586.8													
Standard error (b) of																													
Level	4.3	1.2	3.5	4.6	4.9	1.4	0.0	0.5	3.1	1.3	2.7	0.5	4.5	2.2	4.2	11.8													
Change	2.6	0.3	1.3	1.8	3.3	1.0	0.0	0.4	2.9	1.6	1.8	0.3	3.2	1.7	2.1	7.4													
TREND ESTIMATES (c)																													
\$ million																													
1992 —																													
August	187.1	9.0	41.6	60.8	n.p.	31.2	89.4	8.3	22.2	31.5	16.5	4.3	30.9	11.7	n.p.	600.9													
September	186.7	9.5	40.3	60.9	n.p.	30.9	90.4	8.5	21.9	31.5	16.6	4.2	30.9	11.5	n.p.	600.5													
October	187.6	9.8	39.3	61.0	n.p.	30.5	91.3	8.7	21.9	31.5	16.6	4.0	30.6	11.4	n.p.	601.0													
November	189.3	10.1	38.5	61.1	n.p.	30.1	91.9	8.9	22.0	31.3	16.6	3.8	30.2	11.3	n.p.	601.9													
December	191.4	10.4	37.8	61.1	n.p.	29.7	92.4	9.0	22.2	30.9	16.6	3.5	29.8	11.3	n.p.	603.1													
1993 —																													
January	193.5	10.5	37.2	61.1	n.p.	29.3	92.7	9.2	22.3	30.5	16.5	3.3	29.5	11.4	n.p.	604.5													
percentage change from preceding month																													
1992 —																													
August	-0.7	4.4	-3.7	-0.2	n.p.	-0.6	0.9	1.3	-0.9	-0.3	1.9	0.0	1.0	-1.7	n.p.	-0.3													
September	-0.2	5.6	-3.1	0.2	n.p.	-1.0	1.1	2.5	-1.4	0.0	0.6	-2.5	0.0	-1.7	n.p.	-0.1													
October	0.5	3.0	-2.5	0.2	n.p.	-1.3	1.0	2.2	0.0	0.0	0.0	-5.0	-1.0	-0.8	n.p.	0.1													
November	0.9	3.0	-2.1	0.2	n.p.	-1.3	0.7	2.2	0.5	-0.6	0.0	-5.0	-1.3	-0.9	n.p.	0.1													
December	1.1	3.0	-1.8	0.0	n.p.	-1.3	0.5	1.1	0.9	-1.3	0.0	-7.5	-1.3	0.0	n.p.	0.2													
1993 —																													
January	1.1	1.0	-1.6	0.0	n.p.	-1.3	0.3	2.2	0.5	-1.3	-0.6	-5.0	-1.0	0.9	n.p.	0.2													

See footnotes at end of table.

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

Month	Grocers, confect- ioners, tobacc- onists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Domestic hardware stores, jewellers	Elec- trical goods stores	Furni- ture stores	Floor cover- ings stores	Pharma- cies	News- agents	Other stores	Total	
																WESTERN AUSTRALIA
ORIGINAL \$ million																
1991 —																
November	241.4	6.1	54.0	75.0	45.4	37.7	88.1	7.1	24.1	38.7	16.1	7.3	30.9	17.2	42.4	731.5
December	270.7	8.5	60.0	90.1	53.5	55.0	147.7	9.2	33.4	48.8	12.9	6.5	34.2	21.2	68.0	919.6
1992 —																
January	252.3	7.5	61.8	72.5	43.6	34.0	71.8	8.8	18.9	38.3	12.6	5.2	29.7	15.1	36.2	708.3
February	243.6	6.7	56.7	69.1	39.7	31.8	64.0	5.5	18.3	33.7	12.4	6.0	28.5	13.5	33.8	663.3
March	240.4	6.4	60.0	70.6	42.5	35.5	68.5	6.4	20.3	36.1	13.4	6.0	31.2	15.9	34.2	687.5
April	252.7	6.4	56.8	70.4	44.0	39.0	80.5	8.4	19.9	37.7	12.8	5.7	33.3	17.0	37.0	721.6
May	253.7	6.7	57.4	69.1	42.1	44.6	88.3	8.3	19.6	40.2	13.0	5.7	34.3	13.5	35.5	731.9
June	240.3	6.8	54.4	70.0	38.4	43.2	77.1	8.1	19.8	36.6	14.6	6.9	30.9	15.7	31.8	694.7
July	258.8	6.7	55.3	73.6	41.8	42.2	74.7	6.9	21.3	40.6	15.9	6.8	33.2	16.0	31.4	725.0
August	247.9	6.7	55.8	72.3	42.0	41.4	69.1	6.8	21.0	37.0	15.7	6.0	33.0	15.6	31.2	701.3
September	250.6	7.2	58.7	72.8	47.4	45.7	73.6	7.9	20.6	42.6	13.8	5.6	30.6	23.0	36.2	736.4
October	266.6	7.3	65.7	80.7	54.9	52.4	90.3	10.2	23.7	45.1	16.7	6.6	32.6	25.0	40.8	818.5
November	253.0	6.6	62.5	75.8	49.5	49.9	90.5	8.3	24.3	45.5	15.6	6.4	31.4	25.3	40.7	785.2
December	296.6	11.2	64.7	101.1	58.2	75.4	153.2	12.6	34.2	57.9	25.9	6.8	37.8	30.8	59.0	1,025.4
1993 —																
January	256.3	8.8	62.6	76.6	49.0	43.9	76.6	10.2	19.8	41.7	16.1	5.2	27.0	23.1	32.9	749.7
Standard error (b) of																
Level	8.8	1.4	8.0	4.0	5.8	4.6	0.0	0.9	2.4	2.4	1.3	0.9	2.0	2.3	3.5	15.8
Change	2.5	0.5	1.3	2.8	4.1	4.3	0.0	0.8	1.8	1.4	0.8	0.8	3.1	2.2	5.6	10.2
TREND ESTIMATES (c)																
\$ million																
1992 —																
August	258.9	6.9	58.5	76.7	n.p.	44.8	83.1	7.8	22.9	41.4	14.8	6.2	32.4	19.2	n.p.	753.4
September	259.6	7.2	59.4	76.8	n.p.	47.0	83.4	8.2	22.3	42.9	15.4	6.1	31.5	21.3	n.p.	762.6
October	259.8	7.6	60.2	76.6	n.p.	49.1	83.9	8.7	21.7	43.9	16.2	6.1	30.8	23.2	n.p.	771.1
November	259.6	8.0	60.7	76.4	n.p.	50.8	84.7	9.2	21.1	44.4	17.1	6.1	30.1	24.6	n.p.	777.4
December	259.2	8.4	61.0	76.0	n.p.	52.0	85.5	9.6	20.6	44.5	18.0	6.1	29.5	25.6	n.p.	781.6
1993 —																
January	258.3	8.8	61.1	75.5	n.p.	52.9	86.4	10.0	20.3	44.3	18.9	6.2	28.9	26.1	n.p.	783.4
percentage change from preceding month																
1992 —																
August	0.8	2.9	1.4	0.4	n.p.	4.9	-0.1	2.5	-2.2	3.8	1.3	0.0	-2.7	10.6	n.p.	1.2
September	0.3	4.3	1.5	0.1	n.p.	4.9	0.4	5.0	-2.6	3.7	4.0	-1.7	-2.8	11.1	n.p.	1.2
October	0.1	5.7	1.4	-0.3	n.p.	4.5	0.6	6.3	-2.7	2.3	5.3	0.0	-2.2	9.0	n.p.	1.1
November	-0.1	5.0	0.8	-0.3	n.p.	3.5	1.0	5.6	-2.7	1.1	5.6	0.0	-2.3	6.1	n.p.	0.8
December	-0.2	5.0	0.5	-0.5	n.p.	2.4	0.9	4.4	-2.4	0.2	5.3	0.0	-2.0	4.0	n.p.	0.5
1993 —																
January	-0.3	5.0	0.2	-0.7	n.p.	1.7	1.0	4.0	-1.4	-0.4	5.0	1.7	-2.0	1.9	n.p.	0.2

See footnotes at end of table.

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

Month	Grocers, 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	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																											
1991 —																											
November	64.0	5.4	13.4	26.3	6.0	14.8	21.2	2.6	3.9	10.0	1.7	8.7	10.0	9.2	201.3												
December	71.5	6.2	15.2	34.1	7.4	23.0	34.9	3.7	6.5	15.0	1.4	11.8	14.8	13.4	263.7												
1992 —																											
January	64.9	4.8	14.5	28.5	7.6	14.7	16.3	2.6	3.7	10.8	1.2	9.1	10.1	9.8	202.3												
February	61.9	4.3	12.0	26.0	6.5	13.0	15.0	2.8	3.3	8.9	3.0	1.5	7.2	11.0	8.3	184.8											
March	61.2	5.5	11.8	26.5	7.2	13.5	16.5	2.6	3.4	9.7	1.6	8.4	10.9	9.6	192.0												
April	64.1	5.5	12.3	24.8	6.8	16.5	18.5	3.0	4.2	10.1	3.9	1.3	8.8	10.5	9.7	199.9											
May	63.4	5.0	12.9	23.7	7.0	15.4	18.9	2.8	4.0	10.7	3.8	1.3	8.7	11.6	9.7	198.9											
June	60.4	5.4	12.5	23.5	5.8	15.3	17.2	2.7	3.5	11.2	3.8	1.5	8.3	9.8	10.5	191.4											
July	65.9	5.4	13.2	23.9	5.8	14.7	16.8	2.5	4.3	13.1	4.5	1.5	8.7	11.0	10.8	202.0											
August	63.0	5.1	13.1	23.9	6.6	12.3	15.8	2.1	3.9	11.6	3.8	1.6	8.9	10.2	10.3	192.2											
September	69.5	4.8	11.6	23.7	6.8	12.4	16.9	2.2	3.7	11.1	4.0	1.2	6.3	9.8	10.9	194.9											
October	75.6	4.9	12.3	26.5	7.3	13.1	17.6	2.5	3.7	10.4	4.4	1.4	6.8	10.1	13.5	210.2											
November	69.7	4.5	12.3	25.0	6.4	14.1	21.4	2.5	4.5	12.1	4.2	1.6	6.8	10.4	11.3	206.9											
December	83.6	6.9	13.3	30.7	9.8	23.2	37.3	3.4	6.7	17.0	5.3	1.4	8.6	16.7	15.3	279.2											
1993 —																											
January	73.6	5.0	13.5	26.9	8.4	14.0	17.6	2.5	3.9	11.0	4.4	1.5	6.2	10.9	10.2	209.7											
Standard error (b) of																											
Level	2.8	0.9	1.3	2.5	2.5	1.0	0.0	0.1	0.5	1.8	0.3	0.3	0.9	1.5	1.4	5.7											
Change	0.8	0.5	0.5	1.8	0.8	1.8	0.0	0.1	0.7	0.7	0.3	0.3	1.2	1.0	0.9	3.6											
TREND ESTIMATES (c)																											
\$ million																											
1992 —																											
August	68.0	5.1	12.8	26.0	n.p.	14.1	18.6	2.5	4.3	11.6	4.0	1.3	8.0	11.0	n.p.	205.8											
September	69.5	4.9	12.5	25.9	n.p.	14.0	18.7	2.5	4.1	11.7	4.1	1.3	7.4	10.9	n.p.	206.3											
October	70.9	4.9	12.3	25.7	n.p.	14.2	19.0	2.6	4.0	11.9	4.2	1.3	7.0	10.9	n.p.	207.3											
November	71.9	4.8	12.2	25.4	n.p.	14.5	19.4	2.6	3.9	12.0	4.3	1.4	6.6	11.0	n.p.	208.6											
December	72.7	4.9	12.1	25.0	n.p.	15.0	19.8	2.7	3.8	12.2	4.4	1.5	6.4	11.2	n.p.	210.2											
1993 —																											
January	73.2	5.0	12.0	24.5	n.p.	15.4	20.2	2.7	3.8	12.4	4.6	1.6	6.2	11.4	n.p.	211.5											
percentage change from preceding month																											
1992 —																											
August	2.4	-6.0	-1.5	0.8	n.p.	-2.1	-0.5	0.0	-4.0	2.7	0.0	-10.0	-5.6	-0.9	n.p.	0.3											
September	2.2	-4.0	-2.3	-0.4	n.p.	-0.7	0.5	0.0	-5.0	0.8	2.5	0.0	-7.5	-0.9	n.p.	0.2											
October	2.0	0.0	-1.5	-0.8	n.p.	1.4	1.6	3.3	-2.5	1.7	2.5	0.0	-5.7	0.0	n.p.	0.5											
November	1.4	-2.0	-0.8	-1.2	n.p.	2.1	2.1	0.0	-2.5	0.8	2.5	10.0	-5.7	0.9	n.p.	0.6											
December	1.1	2.0	-0.8	-1.6	n.p.	3.3	2.1	3.3	-2.5	1.7	2.5	10.0	-2.9	1.8	n.p.	0.8											
1993 —																											
January	0.7	2.0	-0.8	-2.0	n.p.	2.7	2.0	0.0	0.0	1.7	5.0	5.0	-3.3	1.8	n.p.	0.6											

See footnotes at end of table.

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

Month	AUSTRALIAN CAPITAL TERRITORY										Total				
	Grocers, confectioners, tobacco- onists	Butchers	Other food stores	Hotels, liquor stores, licensed clubs	Cafes and rest- aurants	Clothing and fabrics stores	Depart- ment and general stores	Footwear stores	Domestic hardware stores, jewellers	Elec- trical goods stores		Furni- ture stores	Floor cover- ings stores	Pharma- cies	News- agents
ORIGINAL \$ million															
1991 —															
November	42.4	2.2	9.0	15.5	12.1	10.4	22.9	1.9	4.8	7.3	4.7	2.0	5.0	5.0	154.2
December	46.6	2.1	9.2	16.8	11.6	15.3	39.2	2.6	8.1	9.5	4.8	2.2	5.5	7.5	191.8
1992 —															
January	42.6	1.7	7.5	14.3	8.6	9.5	18.7	2.3	4.2	7.6	5.4	1.6	3.8	5.1	140.9
February	42.5	1.8	7.5	14.2	8.0	8.8	16.0	1.6	3.6	7.3	4.6	1.7	3.2	5.6	132.7
March	43.0	1.9	8.8	14.9	10.6	10.4	16.7	2.0	3.8	7.5	5.2	1.7	3.7	6.6	145.3
April	44.1	1.7	8.1	15.1	9.9	10.5	20.5	2.2	3.8	8.6	5.1	2.0	3.6	4.8	147.9
May	43.3	1.7	8.9	15.3	10.4	10.8	21.9	2.4	3.8	8.1	5.3	2.3	4.0	5.2	151.3
June	41.6	1.8	8.8	14.5	10.2	10.6	21.7	2.2	3.6	9.8	5.2	2.2	3.6	5.3	148.4
July	44.4	1.7	10.0	13.4	9.4	10.5	19.7	2.2	4.0	8.9	5.9	2.2	3.7	5.8	149.6
August	44.4	1.7	9.9	13.0	9.5	8.9	18.0	1.9	4.0	8.2	5.9	2.1	4.0	5.7	145.3
September	46.8	1.7	10.8	12.2	10.0	8.9	20.2	2.1	3.9	7.5	6.3	1.9	4.3	6.2	151.9
October	49.8	1.7	11.2	13.5	10.6	11.2	22.4	2.3	4.6	7.6	5.3	2.3	4.4	5.6	162.3
November	47.8	1.8	11.3	12.9	10.1	10.5	23.6	2.1	4.9	7.9	5.3	2.6	4.9	5.8	160.2
December	54.2	2.1	12.0	13.1	11.0	16.7	42.0	3.2	9.8	11.6	6.1	2.4	6.4	9.0	210.9
1993 —															
January	49.1	1.8	11.6	10.0	8.3	9.1	18.7	2.6	3.9	7.8	4.7	1.7	4.3	4.9	146.2
Standard error (b) of															
Level	1.0	0.2	1.7	0.8	1.3	0.6	0.0	0.1	0.2	0.7	0.3	0.2	0.7	0.4	1.3
Change	0.4	0.1	0.7	0.5	1.0	1.6	0.0	0.0	0.4	0.8	0.2	0.1	0.5	0.7	2.7
TREND ESTIMATES (c)															
\$ million															
1992 —															
August	45.0	1.7	10.2	13.2	n.p.	9.7	22.2	2.2	4.4	8.3	6.0	2.1	3.9	6.0	153.3
September	46.1	1.7	10.6	12.7	n.p.	10.2	22.2	2.3	4.5	8.2	6.0	2.1	4.1	6.1	154.9
October	47.3	1.7	11.0	12.2	n.p.	10.8	22.2	2.3	4.5	8.2	5.8	2.2	4.4	6.1	156.6
November	48.4	1.8	11.3	11.8	n.p.	11.3	22.3	2.4	4.5	8.4	5.6	2.2	4.7	6.1	158.2
December	49.5	1.9	11.5	11.3	n.p.	11.7	22.3	2.4	4.5	8.6	5.3	2.3	4.9	6.1	159.5
1993 —															
January	50.3	2.0	11.7	11.0	n.p.	12.0	22.5	2.5	4.5	8.9	5.1	2.2	5.1	6.0	160.7
percentage change from preceding month															
1992 —															
August	1.8	0.0	5.0	-4.3	n.p.	3.3	0.9	0.0	0.0	-1.3	5.0	5.0	2.5	3.3	0.8
September	2.4	0.0	4.0	-3.8	n.p.	5.0	0.0	5.0	2.5	-1.3	0.0	0.0	5.0	1.7	1.0
October	2.6	0.0	3.6	-3.8	n.p.	6.0	0.0	0.0	0.0	0.0	-3.3	5.0	7.5	0.0	1.1
November	2.3	5.0	2.7	-3.3	n.p.	4.5	0.5	5.0	0.0	2.5	-3.3	0.0	7.5	0.0	1.0
December	2.3	5.0	1.8	-4.2	n.p.	3.6	0.0	0.0	0.0	2.5	-5.0	5.0	4.0	0.0	0.8
1993 —															
January	1.6	5.0	1.7	-2.7	n.p.	2.5	0.9	5.0	0.0	3.3	-4.0	-5.0	4.0	-1.7	0.8

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

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

Month	Food stores, liquor stores, and licensed clubs (b)		All other stores		Total	
	\$ million	% change from preceding month	\$ million	% change from preceding month	\$ million	% change from preceding month
1991 —						
November	52.8	-5.4	27.6	-1.8	80.3	-4.4
December	53.9	2.1	38.1	37.5	91.8	14.4
1992 —						
January	50.7	-5.9	23.0	-39.7	73.7	-19.7
February	49.7	-2.0	23.0	0.0	72.7	-1.4
March	52.8	6.2	24.2	5.2	76.9	5.8
April	52.5	-0.6	25.9	7.1	78.3	1.8
May	55.3	5.4	27.8	7.3	83.0	6.0
June	59.3	7.3	29.7	6.8	89.0	7.2
July	64.2	8.3	32.6	9.7	96.6	8.5
August	62.7	-2.3	29.2	-10.3	91.9	-4.8
September	61.4	-2.1	29.4	0.7	90.6	-1.4
October	63.3	3.1	29.1	-1.0	92.5	2.1
November	58.1	-8.3	29.2	0.3	87.1	-5.9
December	64.8	11.6	42.5	45.9	107.4	23.3
1993 —						
January	57.0	-12.0	23.9	-44.3	80.9	-24.8
Standard error (c) of						
Level	1.8		0.8		1.9	
Change	0.7		1.5		1.6	

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

EXPLANATORY NOTES

Introduction

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

2. From June 1988 the series in this publication are based on turnover data obtained from a sample of retail establishments. For the period until June 1988 the series have been adjusted to a turnover basis using movements in the previous retail sales series. Linked historical data are available on PC-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 - change in base year

7. The base year of constant price retail turnover estimates, contained in this issue, has been changed to 1989-90. Periodic rebasing of constant price estimates is necessary to take account of changed price relativities and structural relationships in the economy. The choice of the base year influences the movement in the constant price series and the usefulness of such series is diminished if the relative price weights of the base year differ significantly from the price relationships in the other periods included in the series. The more remote a base year is from the current period the less likely that its relative prices will reflect the current situation. A more detailed discussion of the need for rebasing constant price estimates and factors affecting the choice of base year is contained in the Information Paper: *Change in Base Year of Constant Price Estimates From 1984-85 to 1989-90' (5227.0)* released on 10 December 1992. To enable analysis of the movement of retail activity in 'real' terms, estimates of retail turnover at constant (average 1989-90) 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 \$2,843.0 million (26.7 per cent) in the total value of turnover between January 1993 and December 1992 has a standard error of about \$51.6 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 \$2,791.4 million to \$2,894.6 million (26.2 per cent to 27.2 per cent) and nineteen chances in twenty that the change would be within \$2,739.8 million to \$2,946.2 million (25.7 per cent to 27.7 per cent).

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

12. Standard errors of estimates of change between non-consecutive months are not shown in publication tables. These standard errors are generally much higher than the standard errors of change between consecutive months. For example, the standard error of change between the latest month and the corresponding month of the previous year is, on average, approximately 1.4 times the standard error of level of the latest month.

13. Seasonally adjusted, trend and constant price estimates are also subject to sampling variability. For seasonally adjusted estimates, the standard errors are approximately the same percentage of the estimate as for the unadjusted series. For trend estimates, the standard errors are generally not larger than for the seasonally adjusted estimates and are likely to be smaller. For constant price estimates, the standard errors may be up to 10 per cent higher than those for the corresponding current price estimates because of the sampling variability contained in the prices data used to deflate the current price estimates.

Non-sample error

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

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

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

17. *Under coverage.* Because of limited sources available to identify enterprises with no employees, only enterprises with employees are included in the new sur-

vey. Non-employed units are estimated to account for approximately 6% of total turnover but their significance varies substantially from industry to industry. While the exclusion of such units will therefore lead to consistent underestimation of the level of turnover, their exclusion is considered to have a negligible effect on short term movements in Retail Trade.

18. Some error may also arise because of lags in the identification of new businesses. Studies undertaken by the ABS suggest that these lags also have a negligible impact on short term movements but lead to a small consistent underestimation of the level of turnover each month. An improved method of updating new businesses is currently being implemented. Refer to paragraph 25 for more details.

19. *Non-response.* The survey of Retail Trade is a monthly survey conducted to tight timetables so that not all forms are received in time for publication. Extensive telephone follow up is undertaken each month to obtain details for respondents who have not returned forms by the due date. Despite this, it is necessary to impute responses for approximately 1 to 2 per cent 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 February 1993 seasonally adjusted result shows a +1.0 per cent movement, then the trend movement would be 0.4 per cent for February and January and 0.3 per cent for December. A -1.0 per cent movement would return a trend movement of 0.1 per cent for each of February, January and December.

Coverage adjustment

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

26. Following the completion of the improvements to the Business Register and the analysis of previously omitted businesses the series have been revised back to April 1982. Details for prior periods not covered by the March 1991 bulletin are available from the ABS on request. At the Australia level these revisions have increased the estimates of turnover by approximately 4 per cent but have had no appreciable effect on the estimates of changes from previous months or years.

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

Related publications

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

Symbols and other usages

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

IAN CASTLES
Australian Statistician



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