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RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), AUSTRALIA, AUGUST 1986

PHONE INQUIRIES • *about these statistics*—contact Mr Jim Barratt on Canberra (062) 52 5633 or any ABS State office.

• *about the constant price estimates*—contact Mr Brendan Vernon on Canberra (062) 52 6706.

• *about other statistics and ABS services*— contact Information Services on Canberra (062) 52 6627, 52 5402, 52 6007 or any ABS State office.

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

ON VIATEL • key *656# for selected economic, social and demographic statistics on VIATEL.

MAIN FEATURES

TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), AUSTRALIA(a)

CHART 1: MONTHLY ESTIMATES

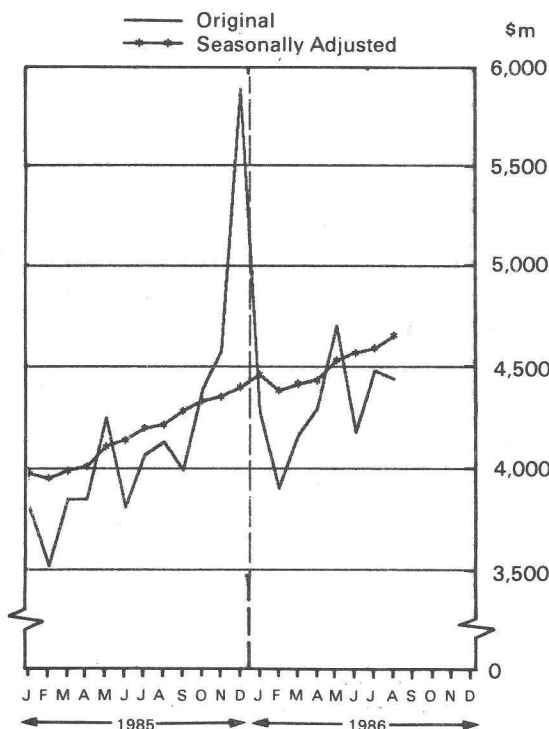
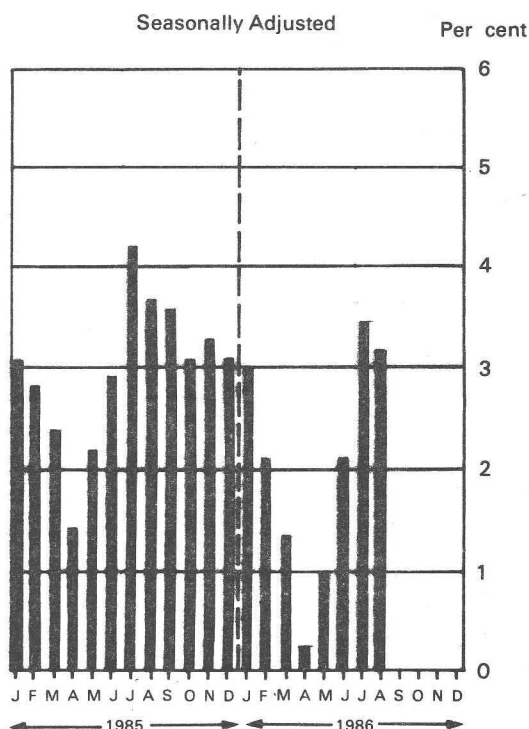


CHART 2: 3-MONTHLY CHANGES(b)



(a) Excluding Northern Territory. (b) Change of latest 3 months from preceding 3 months.

Note: Care should be taken not to overemphasise the significance of changes in estimates of retail sales between single months. An indication of the current trend in the series is given by the change of the seasonally adjusted total for the latest 3 months from the total for the preceding 3 months.

Survey estimates are subject to sampling and non-sampling variability as explained in paragraphs 12 to 18 below.

Particular attention is directed to paragraphs 19 to 21 concerning interpretation of the seasonally adjusted estimates.

After adjustment for seasonal fluctuations and the number of trading days, the estimated value of retail sales in Australia (excluding sales of motor vehicles, parts, petrol, etc.) for August 1986 is 1.4% higher than for July 1986, and 10.4% higher than for August 1985.

The seasonally adjusted value of retail sales for the 3 months ended August 1986 is 3.2% higher than for the preceding 3 months (i.e. the 3 months ended May 1986)—see Chart 2—and 10.0% higher than for the 3 months

ended August 1985. The August 1986 figures sustain the moderate increases that have occurred in retail trading over the past few months.

In original terms, total retail sales for the 3 months ended August 1986 are 9.1% higher than for the corresponding 3 months of 1985. However, Department stores (which include most stores known as discount department stores) show a 3-monthly increase of only 2.4%. Victoria and Queensland show the largest 3-monthly increases compared with 1985 (11.6% and 10.0% respectively).

EXPLANATORY NOTES

Introduction

This publication presents a series of monthly estimates of the value of retail sales based on the 1979-80 retail census results. April 1982 was the last month for which estimates were made as part of the previous series (based on 1973-74 retail census results). The new series has been seasonally adjusted using factors derived from both the old and the new series, on the presumption that the seasonal and other forms of calendar variation in the two series are similar.

2. In addition to total estimates for Australia this publication provides estimates of the value of retail sales classified by *industry* (i.e. type of store) for each State and Australia. April 1982 is the earliest month for which these estimates are available. Seasonally adjusted monthly State and industry estimates are not provided. They will be included when the series are long enough to allow reliable seasonal adjustment.

3. As well as the monthly estimates this publication shows, in Table 1, estimates for periods of 3 months, for Australia (total all industries), derived by summing the monthly estimates.

4. Quarterly estimates of total retail sales at constant (average 1979-80) prices are also shown in this publication — see Table 2.

5. All the series shown in this publication, including estimates for earlier periods, are available on AUSSTATS — see paragraphs 28 and 29.

6. Quarterly estimates of retail sales classified by *commodity* groups are published in Catalogue No. 8503.0. Analysis of the quarterly commodity data may lead to revisions in the monthly industry series. For this reason the monthly figures which relate to periods subsequent to the latest quarterly release should be regarded as preliminary.

Scope and coverage

7. All establishments classified to subdivision 48 of the Australian Standard Industrial Classification (ASIC), 1983 Edition (Catalogue Nos. 1201.0 and 1202.0), except motor establishments (ASIC classes 4861-4868), bread and milk vendors (4878-4879), footwear repairers (4846) and electrical appliance repairers n.e.c. (4857) are included in the scope of the survey. Also included are cafes and restaurants (9231), hotels, etc. (mainly drinking places) (9232), licensed clubs (9241-9243) and hairdressers (9351-9352).

8. The scope of the survey includes establishments in all States and the Australian Capital Territory but excludes those in the Northern Territory.

9. The survey is based on a random sample of establishments within the scope of the survey as defined above. From the data reported by the sampled establishments aggregates comprising all retail sales in Australia (excluding Northern Territory) are estimated.

10. The retail sales reported are principally sales of new or used goods to final consumers for personal or household consumption. Excluded are sales of tools of trade, building materials and supplies, agricultural supplies and equipment, and business equipment. Sales of motor vehicles, parts, petrol, boats, caravans, etc. are out of scope of the estimates of retail sales in this publication. Also excluded are takings from meals consumed on the premises, accommodation, hairdressing, beauty treatments, and repairs. However, the estimates of retail sales in this publication include sales of take-away food, and beer, wine and spirits served with meals.

Industry statistics

11. Details of the value of retail sales are available for 15 industries. The ASIC class(es) which make up each industry are as follows:

<i>Industry</i>	<i>ASIC Class(es)</i>
Grocers, confectioners, tobacconists	4881
Butchers	4882
General stores	4815
Other food stores	4883, 4885, 4886
Hotels, liquor stores, licensed clubs	9232, 4884, 9241, 9242, 9243
Clothing and fabrics stores	4843, 4844, 4847
Department stores	4814
Footwear stores	4845
Domestic hardware stores, jewellers	4853, 4854
Electrical goods stores	4855, 4856
Furniture stores	4849
Floor coverings stores	4848
Chemists	4891
Newsagents	4894
Other	4892, 4893, 4895, 4896, 4897, 9231, 9351, 9352

Reliability of estimates

12. Since the estimates are based on information obtained from a sample survey of retail establishments, the estimates of levels and movements are subject to sampling variability; that is, they may differ from the figures that would have been produced if all units had been included in the survey. One measure of the likely difference is given by the standard error which indicates the extent to which an estimate might have varied by chance because only a sample of units was included. 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 units had been included, and about nineteen chances in twenty that the difference will be less than two standard errors.

13. Standard errors of estimates for the latest month and of estimates of movement since the preceding month are shown in the tables. Examples of the use of these standard errors are given below:

- The estimate of \$4,439.1 million for the total value of retail sales of goods in August 1986 has a standard error of about \$37.6 million. Therefore there are two chances in three that the figure which would have been obtained if all establishments had been included in the survey would be within the range \$4,401.5 million to \$4,476.7 million and nineteen chances in twenty that the figure would be within \$4,363.9 million to \$4,514.3 million.
- The estimated movement of -\$38.2 million (-0.9 per cent) in the total value of retail sales of goods between July 1986 and August 1986 has a standard error of about \$11.6 million (0.3 per cent). Therefore there are two chances in three that the movement which would have been obtained if all establishments had been included in the survey would be within the range -\$26.6 million to -\$49.8 million (-0.6 per cent to -1.2 per cent) and nineteen chances in twenty that the movement would be within -\$15.0 million to -\$61.4 million (-0.3 per cent to -1.5 per cent).

14. Standard errors of estimates of movement between non consecutive months are not shown in this publication. These standard errors are generally much higher than the standard errors of movement between consecutive months. For example the standard error of movement 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.

15. Standard errors of estimates for Australia for the latest 3-monthly period and of estimates of movement since the preceding 3-monthly period and since the corresponding 3-monthly period in the previous year are shown in Table 1.

16. Standard errors of estimates for States and industries for 3-monthly periods and for movements between 3-monthly periods are not shown in this publication. The standard error of level for the latest 3-monthly period, for instance, is, on average, approximately 3 times the standard error of level for the latest month. The standard error of movement since the preceding 3-monthly period is also, on average, approximately 3 times the standard error of level for the latest month. The standard error of movement since the corresponding 3-monthly period in the previous year is, on average, approximately 4.2 times the standard error of level for the latest month.

17. Seasonally adjusted and constant price estimates are also subject to sampling variability. For seasonally adjusted estimates, the standard errors in percentage terms closely approximate those for the unadjusted series. 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.

18. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents and errors made in collection and processing of data. Inaccuracies of this kind are referred to as the non-sampling error and they may occur in any collection, whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of forms, editing of data and efficient operating procedures.

Seasonal adjustment

19. Seasonally adjusted statistics are shown in Tables 1 and 2. In the seasonal adjustment of the estimates, account has been taken of both normal seasonal factors and 'trading-day' effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc. in the month). While the normal seasonal factors should change only gradually from year to year, the trading-day adjustment for any month or quarter will vary from year to year in accordance with the combination of days which occur in the month or quarter. Adjustment has also been made for the effects of movement in the date of Easter and Australia Day holidays. It should be noted that the technique of seasonal adjustment does not remove from the series the effect of irregular influences (e.g. abnormal weather, industrial disputes) and that the seasonally adjusted figures still reflect the sampling and non-sampling errors to which the original figures are subject. Details of the methods used in seasonally adjusting these series are available on request.

20. The seasonally adjusted retail sales series is substantially influenced by the trading day adjustments that are made prior to the seasonal analysis. Following the substantial changes that

have taken place in trading patterns in the retail industry over the past few years, a new set of trading day weights was introduced in the July 1984 issue of this publication.

21. The effects of changes in trading patterns are most pronounced in months where seasonal influences are greatest, such as December and January. For example, retail sales are estimated to have increased by 28.5 per cent in December 1985 and to have decreased by 27.2 per cent in January 1986. It is evident from Table 1 that a very high proportion of this month to month change is seasonal in nature, so that a small degree of uncertainty about how much of the change is seasonal (including trading day effects) makes a large difference to the residual, which is the estimate of the trend plus irregular movement. For this and other reasons outlined in paragraph 19 particular care should be exercised in interpreting monthly movements based on the seasonally adjusted estimates.

Estimates at constant prices

22. A quarterly series of the value of total retail sales of goods at average 1979-80 prices is provided in both original and seasonally adjusted form. The scope of the series at constant prices is identical to that of the series at current prices.

23. The series is a measure of change in value after the direct effects of price changes have been eliminated. Measures of this type are subject to approximations and assumptions, and should not be interpreted in any precise quantitative sense.

24. Further information on the nature and concepts of constant price estimates is contained in Chapter 4 of *Australian National Accounts: Concepts, Sources and Methods* (5216.0).

25. As indicated in paragraph 6, the estimates of retail sales (at current prices) for months subsequent to the latest quarterly release may be revised following analysis of the quarterly commodity data. Similarly, the constant price estimates of total retail sales for quarters subsequent to the latest quarterly release may be revised and therefore should be regarded as preliminary.

Related publications

26. Estimates of retail sales at current and constant prices for States and commodity groups are published quarterly in *Retail Sales of Goods (Excluding Motor Vehicles, Parts, Petrol, etc.) Australia* (8503.0).

27. 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.

AUSSTATS

28. A wide range of economic, social and demographic statistics is available on AUSSTATS, ABS' on-line service through CSIRONET.

29. For further information phone the AUSSTATS Help Desk on (062) 52 6017.

Symbols and other usages

n.p. not available for publication but included in totals

Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

IAN CASTLES
Australian Statistician

TABLE 1. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), AT CURRENT PRICES, AUSTRALIA(a)

MONTHLY ESTIMATES				
Period	Original		Seasonally adjusted	
	\$m	% change from preceding month	\$m	% change from preceding month
1985—				
June	3,809.3	-10.3	4,140.0	0.8
July	4,066.3	6.7	4,198.1	1.4
August	4,127.8	1.5	4,215.0	0.4
September	3,988.7	-3.4	4,282.7	1.6
October	4,384.6	9.9	4,332.8	1.2
November	4,572.5	4.3	4,353.4	0.5
December	5,874.8	28.5	4,399.2	1.1
1986—				
January	4,276.0	-27.2	4,459.1	-1.4
February	3,902.7	-8.7	4,383.4	-1.7
March	4,162.5	6.7	4,415.7	0.7
April	4,293.9	3.2	4,433.7	0.4
May	4,701.3	9.5	4,531.2	2.2
June	4,177.5	-11.1	4,568.9	0.8
July	4,477.3	7.2	4,589.3	0.4
August	4,439.1	-0.9	4,652.8	1.4
Standard error(b) of—				
August 1986	37.6			
Change: August 1986 from July 1986	11.6	0.3		

3-MONTHLY ESTIMATES

Period	Original			Seasonally adjusted		
	\$m	% change from preceding 3 months	% change from corresponding 3 months of previous year	\$m	% change from preceding 3 months	% change from corresponding 3 months of previous year
3 months ended—						
1985—						
August	12,003.4	0.5	10.8	12,553.1	3.7	11.1
November	12,945.8	7.9	12.6	12,968.9	3.3	12.6
1986—						
February	14,053.5	8.6	12.3	13,241.7	2.1	11.8
May	13,157.7	-6.4	10.2	13,380.6	1.0	10.5
August	13,093.9	-0.5	9.1	13,811.0	3.2	10.0
Standard error(c) of—						
3 months ended August 1986	100.4					
Change: 3 months ended August 1986 from—						
3 months ended May 1986	112.8	0.9				
3 months ended August 1985	137.6		1.1			

(a) Excluding Northern Territory. (b) See paragraphs 12 to 18. (c) See paragraphs 12 to 18. Standard errors shown are approximations only.

TABLE 2. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), AT CONSTANT (AVERAGE 1979-80) PRICES, AUSTRALIA(a)

QUARTERLY ESTIMATES						
Period	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
1985—						
June quarter	8,095.4	5.3	4.9	8,309.3	1.0	4.9
September quarter	8,115.1	0.2	6.1	8,443.3	1.6	5.4
December quarter	9,659.4	19.0	5.4	8,533.4	1.1	5.0
1986—						
March quarter	7,810.0	-19.1	1.6	8,395.9	-1.6	2.0
June quarter	8,165.7	4.6	0.9	8,379.4	-0.2	0.8

(a) Excluding Northern Territory.

TABLE 3. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), MONTHLY ESTIMATES BY INDUSTRY, AUSTRALIA(a), STATES AND AUSTRALIAN CAPITAL TERRITORY (\$ million)

Month	AUSTRALIA(a)										Total					
	Grocers, confectioners, tobacconists	Butchers	General stores	Other food stores	Hotels, liquor licensed clubs	Clothing and fabrics stores	Department stores	Footwear stores	Domestic hardware stores, jewellers	Electrical goods stores		Furniture stores	Floor coverings stores	Chemists	Newsagents	Other
1985—																
January	1,227.8	131.5	37.3	232.2	435.4	370.5	428.0	65.3	81.1	221.1	104.4	45.5	154.1	127.7	147.5	3,809.3
February	1,315.4	143.4	40.4	250.3	446.1	388.5	458.6	65.4	86.5	231.8	121.0	47.7	164.3	141.4	165.5	4,066.3
March	1,331.0	147.2	36.4	261.1	477.7	376.3	445.6	63.2	92.7	233.1	118.7	48.3	168.1	145.3	183.1	4,127.8
April	1,270.6	140.3	37.1	262.3	470.3	364.8	429.4	67.8	90.6	219.0	116.7	46.4	157.3	138.9	177.4	3,988.7
May	1,386.9	159.3	40.9	273.9	494.4	430.3	486.6	77.2	113.0	231.2	126.7	54.1	169.3	142.0	198.9	4,384.6
June	1,389.4	157.8	41.5	280.4	523.4	457.9	536.2	77.2	136.4	249.3	133.3	55.4	173.3	149.8	211.4	4,572.5
July	1,544.9	178.2	69.6	303.5	668.0	618.8	915.2	93.5	237.3	350.9	145.2	51.3	215.3	188.5	294.6	5,874.8
August	1,399.7	148.7	38.4	297.0	528.3	360.3	434.6	75.6	101.4	223.5	116.4	38.5	167.1	153.8	192.8	4,276.0
September	1,307.9	136.9	35.3	258.8	482.3	321.2	360.5	58.2	102.0	198.4	107.8	41.8	155.7	157.3	178.6	3,902.7
October	1,409.2	145.7	36.9	279.0	525.2	342.3	416.4	60.1	102.3	201.5	109.8	41.1	161.6	145.6	185.6	4,162.5
November	1,383.1	147.3	42.2	277.7	489.6	414.1	452.8	78.5	102.8	220.7	117.2	48.5	171.6	146.0	201.7	4,293.9
December	1,473.9	158.0	43.9	287.9	493.9	488.4	567.2	93.9	108.1	265.6	131.2	50.9	180.9	150.9	207.5	4,701.3
Standard Error—	17.1	7.3	0.6	10.6	10.0	7.1	0.6	3.7	4.0	6.4	5.2	3.3	5.9	5.7	11.7	37.6
Level(b)	3.5	3.6	0.1	3.0	3.9	4.6	0.0	2.9	1.6	2.5	2.6	1.9	1.7	3.3	4.4	11.6
Movement(c)																
1985—																
January	372.0	54.8	9.1	95.2	157.8	130.7	175.6	22.8	29.7	66.7	38.0	17.7	69.1	52.8	52.5	1,344.6
February	426.4	58.3	11.7	99.3	164.4	139.6	198.4	21.8	30.5	76.7	44.2	19.9	72.4	59.2	59.5	1,482.5
March	390.4	60.4	9.6	102.4	174.3	132.6	182.6	21.2	34.0	71.1	42.5	19.0	73.2	61.8	64.7	1,453.1
April	421.5	56.4	9.6	103.7	169.2	128.7	174.5	23.5	32.8	67.6	42.8	18.0	69.9	57.6	63.4	1,408.2
May	423.6	63.2	10.6	109.4	181.4	161.9	206.3	30.2	42.0	71.2	40.6	17.0	72.1	60.9	70.3	1,560.6
June	482.6	74.5	16.7	125.3	245.8	230.6	391.2	35.0	55.4	82.0	44.5	19.8	74.9	64.2	75.2	1,655.1
July									99.3	118.3	48.8	18.2	88.9	78.4	99.6	2,153.2
August																
September																
October																
November																
December																
1986—																
January	422.1	61.2	10.7	114.5	191.3	135.5	191.4	28.9	39.0	69.4	36.5	11.1	70.4	60.3	70.5	1,512.9
February	393.9	54.3	8.8	100.0	170.7	113.9	142.0	19.8	38.7	62.2	34.9	11.6	65.3	64.7	70.0	1,350.9
March	425.0	61.8	9.3	109.0	187.7	121.4	172.9	22.2	38.8	65.2	37.8	11.8	67.0	59.6	69.8	1,459.0
April	419.8	62.8	12.4	112.0	179.4	139.4	184.1	26.6	40.9	61.7	39.3	13.7	71.6	61.8	81.2	1,507.2
May	445.3	69.6	11.2	115.2	177.2	179.0	246.3	34.3	43.8	71.9	42.4	13.9	75.8	63.0	82.6	1,671.5
June	420.9	66.6	9.0	109.9	166.7	146.1	175.2	27.7	38.3	64.5	35.4	12.5	72.3	56.2	69.5	1,470.7
July	456.9	70.5	9.3	106.6	169.1	147.4	216.0	28.9	32.8	81.9	40.0	15.0	77.2	64.7	81.0	1,597.2
August	452.4	69.1	8.6	113.1	182.8	134.2	184.4	26.1	37.5	78.2	39.6	15.9	77.5	62.6	84.9	1,567.0
September																
October																
November																
December																
Standard Error—	12.6	4.5	0.5	6.6	5.8	4.0	0.0	2.7	2.8	4.6	3.5	2.6	4.5	4.0	7.0	26.5
Level(b)	1.9	1.0	0.0	1.8	2.3	3.8	0.0	0.6	0.9	1.7	1.5	1.0	1.3	1.5	2.6	6.9
Movement(c)																

For footnotes see end of table.

TABLE 3. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), MONTHLY ESTIMATES BY INDUSTRY, AUSTRALIA(G), STATES AND AUSTRALIAN CAPITAL TERRITORY—continued

Month	Grocers, confectioners, tobacconists		Hotels, liquor stores, licensed clubs		Clothing and fabrics stores		Department stores		Foot-wear stores		Domestic hardware stores, jewellers		Electrical goods stores		Furniture stores		Floor coverings stores		Chemists		News-agents		Other		Total		
	Butchers	General stores	Other food stores	Other licensed clubs	Other fabrics stores	Department stores	Foot-wear stores	Domestic hardware stores, jewellers	Electrical goods stores	Furniture stores	Floor coverings stores	Chemists	News-agents	Other	Total												
VICTORIA																											
1985—																											
June	352.7	37.2	10.4	51.7	94.6	119.4	89.6	16.8	25.1	60.3	25.1	12.5	35.6	29.0	36.1	996.0											
July	359.2	42.3	10.7	53.7	93.4	117.1	93.4	18.4	25.4	61.3	25.4	11.7	36.2	33.4	44.2	1,034.2											
August	378.9	43.9	10.2	57.9	98.1	118.1	96.8	17.1	25.6	66.7	25.6	12.3	37.1	34.1	48.8	1,078.5											
September	358.5	42.4	10.5	58.3	99.5	112.8	87.8	17.2	23.9	62.7	23.9	12.6	33.3	34.5	46.8	1,033.3											
October	399.1	46.8	11.9	61.6	105.6	133.2	99.9	19.4	34.0	65.7	34.0	16.1	37.9	33.3	52.6	1,157.9											
November	402.1	48.0	12.1	61.0	112.6	138.3	110.4	19.0	37.4	69.1	37.4	15.3	40.0	35.4	55.2	1,199.1											
December	434.7	52.3	20.5	64.9	147.6	191.9	192.4	25.0	59.8	96.4	59.8	14.3	55.9	47.0	86.1	1,534.0											
1986—																											
January	389.5	43.8	10.3	66.5	117.1	102.8	87.1	17.4	32.2	64.8	32.2	11.6	38.4	38.6	50.0	1,107.4											
February	374.1	43.2	9.9	59.0	112.1	96.6	76.8	15.5	32.1	57.7	32.0	13.4	38.8	40.2	47.4	1,048.8											
March	402.1	43.7	10.4	63.8	122.1	104.0	88.4	14.7	32.1	58.9	31.2	13.0	39.3	35.0	47.2	1,106.0											
April	396.0	43.2	11.6	61.2	105.9	139.1	97.4	21.9	31.1	70.8	34.8	13.8	43.0	34.5	50.5	1,154.7											
May	424.6	44.9	12.4	65.0	108.3	153.6	112.8	23.7	32.3	91.2	40.7	16.6	42.4	34.9	50.4	1,253.8											
June	390.7	42.4	9.3	61.0	101.9	120.4	84.3	17.5	29.5	75.1	36.2	15.6	40.9	30.9	44.4	1,099.1											
July	407.8	44.5	10.6	68.2	101.9	130.3	105.0	25.1	32.4	77.8	37.8	14.9	40.0	36.7	56.1	1,189.9											
August	398.2	43.4	10.3	74.3	108.5	122.8	91.5	20.3	34.0	82.7	41.5	14.9	42.0	32.1	62.9	1,179.2											
Standard Error—	7.4	3.9	0.0	6.7	4.8	4.7	0.0	2.2	2.3	3.3	3.1	1.6	2.5	2.8	8.4	20.8											
Level(b)	1.5	0.7	0.0	2.0	1.6	1.9	0.0	2.8	0.9	1.2	1.7	0.4	0.6	2.6	3.0	6.5											
Movement(c)																											
QUEENSLAND																											
1985—																											
June	212.5	18.9	6.9	36.8	84.5	47.3	59.0	10.8	11.8	39.7	15.5	5.0	21.0	22.2	24.4	616.2											
July	226.3	20.3	7.1	40.1	90.9	48.2	60.2	9.9	13.7	38.3	18.8	5.2	23.1	23.5	25.8	651.4											
August	233.5	20.7	5.9	42.1	100.8	50.9	58.5	10.6	15.5	39.4	17.6	5.6	24.7	23.7	29.8	679.1											
September	223.1	20.6	6.4	40.7	95.2	50.7	62.4	11.2	16.5	37.3	16.3	4.8	22.9	22.9	28.4	659.4											
October	241.5	24.1	6.6	43.5	95.3	57.1	64.3	10.7	19.1	39.3	18.4	8.6	26.0	22.8	31.3	708.6											
November	240.2	23.4	6.2	43.8	101.6	57.9	69.1	10.2	22.6	38.8	19.3	8.3	25.7	23.8	34.1	725.1											
December	268.6	25.1	11.7	47.6	127.1	78.5	124.1	13.0	39.1	54.6	23.1	6.9	31.8	28.9	44.1	924.2											
1986—																											
January	258.4	21.4	6.4	53.8	98.8	50.4	56.6	12.6	16.6	38.7	17.6	5.3	24.8	28.8	29.4	719.7											
February	231.7	18.1	6.0	46.3	89.9	42.1	49.6	8.6	16.9	32.4	17.1	6.4	21.6	25.2	23.0	634.9											
March	248.2	18.6	6.2	49.5	96.7	46.9	55.3	8.4	17.5	32.3	16.9	5.5	24.1	23.9	24.3	674.3											
April	240.0	20.0	6.6	48.1	93.5	52.4	57.9	11.8	15.7	38.0	18.3	7.5	24.5	25.0	27.5	686.9											
May	258.5	21.2	7.7	49.7	96.9	60.6	69.8	15.1	15.5	43.2	17.9	7.7	27.4	26.6	29.5	747.0											
June	241.7	20.3	6.2	49.1	93.3	54.1	55.0	12.2	16.0	39.6	18.5	8.9	25.9	25.2	27.4	693.2											
July	255.1	20.2	6.9	49.9	100.1	52.1	64.1	10.6	14.8	41.2	19.2	6.7	26.2	26.4	27.4	720.9											
August	261.0	23.2	7.2	49.8	103.0	52.5	60.0	10.6	15.7	39.4	18.9	4.9	28.2	26.0	26.7	726.8											
Standard Error—	7.8	3.9	0.0	3.7	5.7	3.0	0.6	0.8	1.4	2.1	1.8	0.9	2.3	1.9	2.8	14.1											
Level(b)	2.4	3.4	0.0	0.9	2.6	1.1	0.0	0.1	0.7	1.0	1.1	1.4	0.8	0.9	1.0	5.8											
Movement(c)																											

For footnotes see end of table.

TABLE 3. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), MONTHLY ESTIMATES BY INDUSTRY, AUSTRALIA(a), STATES AND AUSTRALIAN CAPITAL TERRITORY—continued (\$ million)

Month	Grocers, confectioners, tobacconists	Butchers	General stores	Other food stores	Hotels, liquor stores, licensed clubs	Clothing and fabrics stores	Department stores	Foot-wear stores	Domestic		Electrical goods stores	Furniture stores	Floor coverings stores	Chemists	News-agents	Other	Total
									hardware stores, jewellers	stores							
SOUTH AUSTRALIA																	
1985—																	
June	116.6	9.5	4.4	17.7	36.6	27.3	46.1	5.2	6.0	20.6	12.1	12.3	4.5	12.3	8.2	11.5	338.6
July	117.0	10.4	4.5	19.8	34.6	28.7	47.9	5.6	6.9	20.9	11.8	13.6	4.2	13.6	8.4	11.3	345.5
August	124.6	10.1	4.5	20.2	37.4	27.5	49.2	5.2	7.1	20.9	10.8	13.2	4.2	13.2	8.5	12.4	355.9
September	118.8	9.2	4.2	20.9	37.3	27.0	48.0	5.6	6.5	19.4	10.7	12.7	4.5	12.7	7.8	11.9	344.6
October	128.4	10.0	4.7	23.5	40.8	29.9	52.1	6.3	6.5	21.5	11.4	13.7	4.0	13.7	9.1	15.1	376.9
November	125.3	10.3	5.0	24.3	42.2	33.3	58.8	6.2	8.0	24.3	11.5	13.4	3.6	13.4	9.3	15.5	390.9
December	141.1	12.2	7.5	26.6	54.1	44.0	87.3	7.9	16.1	33.7	12.7	14.9	4.1	14.9	10.5	21.4	493.9
1986—																	
January	127.3	10.6	4.5	23.5	43.9	27.4	42.4	6.3	5.0	18.4	10.7	13.9	3.4	13.9	8.5	14.2	360.0
February	118.1	9.6	3.8	19.6	40.3	24.3	40.7	5.5	5.5	17.7	10.1	12.4	3.7	12.4	8.9	13.7	334.0
March	130.5	4.1	4.1	21.3	45.2	24.5	40.8	5.2	5.5	17.5	9.8	13.0	3.6	13.0	8.6	15.6	355.0
April	128.3	9.7	4.4	21.7	39.1	32.8	51.3	6.8	6.4	19.4	11.8	13.0	4.2	13.0	7.6	15.2	371.8
May	134.4	10.4	4.9	22.9	39.2	34.9	63.3	7.7	6.8	21.4	15.6	14.2	4.0	14.2	8.4	14.9	403.2
June	124.0	10.2	4.4	20.6	38.1	27.5	48.8	5.8	5.6	19.9	13.5	12.8	4.2	12.8	7.9	12.9	356.3
July	130.6	9.3	6.2	22.7	37.6	27.6	53.9	6.0	5.8	19.7	10.7	15.5	5.3	15.5	9.1	13.4	373.3
August	133.0	9.3	5.3	21.7	40.2	27.2	46.8	5.7	6.0	20.4	10.5	15.9	4.8	15.9	9.0	15.4	371.2
Standard Error—	3.0	1.0	0.1	2.1	2.0	1.1	0.0	0.3	0.3	1.0	0.9	1.1	0.7	1.1	1.2	2.4	5.9
Level(b)	0.5	0.2	0.0	0.7	0.6	0.5	0.0	0.2	0.2	0.2	0.2	0.2	0.3	0.1	0.3	1.5	2.0
WESTERN AUSTRALIA																	
1985—																	
June	117.0	5.4	5.5	22.4	44.1	29.4	33.9	6.3	5.6	23.3	8.4	10.2	3.4	10.2	9.6	14.0	338.4
July	125.0	5.9	5.5	26.8	44.9	36.7	32.6	6.8	6.7	23.0	8.8	12.9	4.3	12.9	11.2	14.9	366.0
August	129.3	6.0	5.3	27.3	48.5	33.4	33.3	6.0	7.1	24.6	9.5	13.8	4.9	13.8	11.6	16.2	376.6
September	121.2	5.7	5.4	27.9	50.8	31.7	33.4	7.0	7.3	21.5	8.8	12.4	3.9	12.4	10.3	15.9	363.3
October	132.8	6.6	6.0	25.5	50.9	33.1	36.8	7.2	7.2	22.1	10.1	13.3	6.0	13.3	10.2	18.7	386.5
November	134.1	6.8	6.3	25.6	54.7	35.6	40.9	7.0	7.7	23.2	9.0	12.9	6.0	12.9	11.1	19.6	400.3
December	149.3	7.1	11.4	28.3	66.5	51.2	67.0	8.7	13.8	30.7	9.3	16.3	5.4	16.3	15.4	27.5	508.0
1986—																	
January	141.7	5.5	5.5	28.0	56.3	29.6	33.5	7.2	4.9	23.3	10.1	13.4	5.4	13.4	11.5	15.7	391.6
February	132.7	5.8	5.8	24.2	49.9	30.1	31.0	5.7	5.2	19.7	9.1	12.1	5.1	12.1	11.5	14.3	362.1
March	140.2	5.7	6.1	25.2	52.0	31.2	35.2	6.4	5.2	19.2	10.4	13.1	5.5	13.1	11.0	15.1	381.5
April	137.3	6.4	6.3	24.9	51.3	33.0	35.7	7.6	5.7	21.2	7.6	13.3	7.3	13.3	11.0	17.1	385.8
May	144.7	6.5	6.8	24.8	50.6	40.2	41.9	9.0	6.3	26.1	9.0	13.9	6.4	13.9	11.6	18.8	416.6
June	131.3	6.1	5.0	25.1	48.1	34.6	33.3	6.8	5.4	23.2	7.9	13.2	6.4	13.2	10.2	17.4	374.3
July	138.5	5.3	6.2	24.9	48.6	38.8	35.4	7.2	6.0	24.7	8.7	14.2	7.0	14.2	11.9	16.7	394.0
August	138.3	5.3	6.6	26.4	50.9	36.3	34.4	6.7	7.5	25.6	9.1	14.5	5.9	14.5	11.9	17.0	396.2
Standard Error—	2.2	1.0	0.2	1.9	2.0	1.4	0.0	0.3	0.8	1.5	0.5	0.2	0.4	1.1	1.5	1.3	5.4
Level(b)	0.5	0.2	0.0	0.5	0.4	1.2	0.0	0.1	0.5	0.6	0.2	0.2	0.2	0.2	0.2	0.7	2.0

For footnotes see end of table.

TABLE 3. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), MONTHLY ESTIMATES BY INDUSTRY, AUSTRALIA(a), STATES AND AUSTRALIAN CAPITAL TERRITORY—continued (\$ million)

Month	Grocers, confectioners, tobacconists		Hotels, liquor stores, licensed clubs		Clothing and fabrics stores		Department stores		Footwear stores		Domestic hardware stores, jewellers		Electrical goods stores		Furniture stores		Floor coverings stores		Chemists		Newsagents		Other		Total
	Butchers	General stores	Other food stores	Hotels, liquor stores, licensed clubs	Clothing and fabrics stores	Department stores	Footwear stores	Domestic hardware stores, jewellers	Electrical goods stores	Furniture stores	Floor coverings stores	Chemists	Newsagents	Other	Total										
TASMANIA																									
1985—																									
June	36.2	4.1	5.3	12.4	10.1	12.8	2.2	1.3	5.1	3.2	1.6	3.1	3.7	3.1	3.2	1.6	3.3	3.2	3.1	3.1	3.7	n.p.	n.p.	105.7	
July	38.4	4.5	6.2	12.5	9.5	13.6	2.0	1.6	5.2	3.3	1.4	2.9	3.2	3.1	3.2	1.4	3.2	3.2	3.1	3.1	3.2	n.p.	n.p.	109.3	
August	39.5	4.5	6.4	13.3	8.1	13.7	2.0	1.5	5.1	3.2	1.4	3.1	3.2	3.1	3.3	1.6	3.3	3.3	3.1	3.1	3.2	n.p.	n.p.	110.7	
September	36.8	4.5	6.3	13.1	8.2	12.1	2.3	2.3	5.8	2.8	1.6	3.2	3.2	3.1	3.3	1.6	3.2	3.2	3.1	3.1	3.2	n.p.	n.p.	106.6	
October	40.9	4.7	6.3	14.1	8.7	14.7	2.3	2.3	5.8	2.8	1.6	3.2	3.2	3.1	3.3	1.6	3.2	3.2	3.1	3.1	3.2	n.p.	n.p.	116.9	
November	41.1	4.6	6.1	14.4	10.0	16.6	2.4	2.6	6.4	3.2	1.6	3.3	3.4	3.1	3.4	1.6	3.3	3.4	3.1	3.1	3.4	n.p.	n.p.	122.4	
December	45.5	5.4	6.5	19.1	15.4	29.6	3.0	3.7	9.6	3.4	1.5	4.2	5.0	4.2	3.4	1.5	4.2	5.0	4.2	4.2	5.0	n.p.	n.p.	161.3	
1986—																									
January	38.8	4.5	6.6	14.9	8.4	11.5	2.1	2.0	4.6	2.6	0.9	3.3	3.7	3.3	2.6	0.9	3.3	3.7	3.3	3.3	3.7	n.p.	n.p.	110.5	
February	37.8	4.3	6.1	14.2	9.1	11.7	2.3	1.7	4.1	2.5	0.9	3.0	4.1	3.0	2.5	0.9	3.0	4.1	3.0	3.0	4.1	n.p.	n.p.	106.9	
March	40.6	4.5	6.6	15.0	9.2	12.4	2.2	1.4	4.3	2.4	0.9	2.8	4.1	2.8	2.4	0.9	2.8	4.1	2.8	2.8	4.1	n.p.	n.p.	111.7	
April	38.8	3.9	6.3	13.9	10.5	13.3	2.8	1.5	5.2	2.8	1.0	3.6	3.5	3.6	2.8	1.0	3.6	3.5	3.6	3.5	3.5	n.p.	n.p.	112.1	
May	42.0	4.1	6.9	14.7	10.9	16.4	2.8	1.5	6.3	3.2	1.2	3.8	4.0	3.8	3.2	1.2	3.8	4.0	3.8	3.8	4.0	n.p.	n.p.	123.5	
June	38.4	3.9	6.1	13.4	12.0	12.0	2.2	1.3	5.7	2.9	1.3	3.5	3.7	3.5	2.9	1.3	3.5	3.7	3.5	3.5	3.7	n.p.	n.p.	108.5	
July	42.1	3.8	6.2	13.7	9.5	14.2	2.2	1.3	6.2	2.7	1.3	3.9	4.4	3.9	2.7	1.3	3.9	4.4	3.9	3.9	4.4	n.p.	n.p.	117.0	
August	42.9	4.1	6.2	14.7	8.2	12.7	2.0	1.5	6.3	2.7	1.3	3.8	4.5	3.8	2.7	1.3	3.8	4.5	3.8	3.8	4.5	n.p.	n.p.	116.7	
Standard Error—																									
Level(b)	0.8	0.2	0.4	1.0	0.3	0.0	0.1	0.2	0.3	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.3	0.1	0.0	0.3	0.5	n.p.	n.p.	1.8
Movement(c)	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	n.p.	n.p.	0.6
AUSTRALIAN CAPITAL TERRITORY																									
1985—																									
June	20.7	1.6	3.2	5.4	6.3	11.0	1.2	1.6	5.4	2.1	0.9	2.7	2.3	2.7	2.1	0.9	2.7	2.3	2.7	2.7	2.3	n.p.	n.p.	69.8	
July	23.1	1.7	4.4	5.3	6.7	12.5	1.0	1.8	6.3	2.2	0.9	3.1	2.4	3.1	2.2	0.9	3.1	2.4	3.1	3.1	2.4	n.p.	n.p.	77.4	
August	21.5	1.6	4.6	5.3	5.7	11.4	1.0	1.9	5.3	2.4	0.9	3.0	2.5	3.1	2.4	0.9	3.0	2.5	3.1	3.0	2.5	n.p.	n.p.	73.9	
September	21.8	1.6	4.5	5.1	5.7	11.1	1.0	1.9	5.4	2.3	1.0	3.0	2.5	3.0	2.3	1.0	3.0	2.5	3.0	3.0	2.5	n.p.	n.p.	73.3	
October	22.7	1.6	4.1	6.2	6.3	12.6	0.9	2.0	5.6	2.5	0.8	3.0	2.5	3.0	2.5	0.8	3.0	2.5	3.0	3.0	2.5	n.p.	n.p.	77.2	
November	22.9	1.6	4.2	6.3	6.3	13.9	0.9	2.7	5.5	2.8	0.8	3.0	2.6	3.0	2.8	0.8	3.0	2.6	3.0	3.0	2.6	n.p.	n.p.	79.6	
December	23.1	1.6	4.2	7.9	7.2	23.6	0.9	5.6	7.6	2.7	0.8	3.3	3.3	3.3	2.7	0.8	3.3	3.3	3.3	3.3	3.3	n.p.	n.p.	100.2	
1986—																									
January	21.9	1.7	4.0	6.0	6.1	12.1	1.0	1.8	4.2	1.7	0.8	2.8	2.4	2.8	1.7	0.8	2.8	2.4	2.8	2.8	2.4	n.p.	n.p.	74.0	
February	19.6	1.7	3.6	5.2	5.1	8.8	0.9	1.8	4.7	2.1	0.8	2.5	2.6	2.5	2.1	0.8	2.5	2.6	2.5	2.5	2.6	n.p.	n.p.	65.1	
March	22.5	1.8	3.6	6.6	5.2	11.3	0.9	1.7	4.1	1.7	0.9	2.3	3.4	2.3	1.7	0.9	2.3	3.4	2.3	2.3	3.4	n.p.	n.p.	75.0	
April	22.9	1.3	3.5	6.4	6.9	13.1	1.1	1.6	4.4	2.4	0.9	2.6	2.6	2.6	2.4	0.9	2.6	2.6	2.6	2.6	2.6	n.p.	n.p.	75.5	
May	24.4	1.4	3.4	7.1	9.3	16.7	1.2	1.9	5.6	2.4	1.1	2.5	2.4	2.5	2.4	1.1	2.5	2.4	2.5	2.5	2.4	n.p.	n.p.	85.8	
June	23.9	1.8	3.3	7.1	6.7	11.7	0.9	1.7	5.4	2.4	1.0	2.4	2.4	2.4	2.4	1.0	2.4	2.4	2.4	2.4	2.4	n.p.	n.p.	75.4	
July	25.0	1.8	4.2	5.9	6.8	14.3	1.0	1.8	6.2	2.5	1.1	2.7	3.1	2.7	2.5	1.1	2.7	3.1	2.7	2.7	3.1	n.p.	n.p.	85.0	
August	22.5	1.9	4.6	6.6	6.7	11.6	0.9	1.8	5.4	2.8	1.0	2.7	4.2	2.7	2.8	1.0	2.7	4.2	2.7	2.7	4.2	n.p.	n.p.	81.9	
Standard Error—																									
Level(b)	0.9	0.5	0.8	0.8	0.4	0.0	0.0	0.1	0.7	0.1	0.1	0.1	0.8	0.1	0.1	0.1	0.1	0.8	0.1	0.1	0.2	0.8	n.p.	n.p.	2.4
Movement(c)	0.0	0.1	0.2	0.0	0.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.7	n.p.	n.p.	1.0

(a) Excluding Northern Territory. (b) The standard error of the estimate for the latest month—see paragraphs 12 to 18 of Explanatory notes. (c) The standard error of the movement between the latest and preceding month—see paragraphs 12 to 18 of Explanatory notes.