



RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), AUSTRALIA SEPTEMBER 1985

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MAIN FEATURES



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 obtained by comparing the seasonally adjusted total for the latest 3 months with the total for the preceding 3 months.

Survey estimates are subject to sampling and non-sampling variability as explained in paragraphs 9 to 14 below.

Particular attention is directed to paragraphs 15 to 17 concerning interpretation of the seasonally adjusted estimates.

After adjustment for seasonal fluctuations and the number of trading days, the estimated value of total retail sales in

Australia (excluding sales of motor vehicles, parts, petrol, etc.) for September 1985 is 2.7% higher than for August 1985. In unadjusted terms the estimate (\$4,020.7m) is 2.8% lower than for August 1985.

For the 3 months ended September 1985 the seasonally adjusted value of total retail sales is 3.9% higher than for the preceding 3 months (i.e. the 3 months ended June 1985) and 12.0% higher than for the corresponding 3 months of the previous year (i.e. the 3 months ended September 1984).

There have been large percentage increases in retail sales through furniture stores. In unadjusted terms, the value of their retail sales is 12.4% higher than for the preceding 3 months and 23.2% higher than for the corresponding 3 months of the previous year.

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 the old series, on the presumption that the seasonal and other forms of calendar variation in the two series are expected to be similar.

2. In addition to total estimates for Australia this publication provides statistics of the value of retail sales classified by broad industry for each State and Australia. It will not be possible to publish seasonally adjusted figures classified by State and industry until estimates on this basis are available for at least four years.

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. A quarterly series providing estimates for the value of retail sales for Australia and States classified by commodity groups is 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

5. All establishments classified to subdivision 48 of the Australian Standard Industrial Classification, 1978 Edition (ASIC) 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 establishments classified to cafes and restaurants (9231), hotels, etc. (mainly drinking places) (9232), licensed clubs (9241-9243) and hairdressers (9351-9352).

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

7. The survey is based on a random sample of retail and service 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.

Retail industry statistics

8. Details of the value of retail sales are available for 15 retail industries. Retail industries consist of individual ASIC classes or combinations of ASIC classes. The ASIC classes which make up each retail industry were described in the May 1982 issue of this publication.

Reliability of estimates

9. 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.

10. 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:

- (a) The estimate of \$4,020.7 million for the total value of retail sales of goods in September 1985 has a standard error of about \$24.7 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 \$3,996.0 million to \$4,045.4 million and nineteen chances in twenty that the figure would be within \$3,971.3 million to \$4,070.1 million.
- (b) The estimated decrease of \$115.1 million (2.8 per cent) in the total value of retail sales of goods between August 1985 and September 1985 has a standard error of about \$8.9 million (0.2 per cent). Therefore there are two chances in three that the decrease which would have been obtained if all establishments had been included in the survey would be within the range \$106.2 million to \$124.0 million (2.6 per cent to 3.0 per cent) and nineteen chances in twenty that the decrease would be within \$97.3 million to \$132.9 million (2.4 per cent to 3.2 per cent).

11. 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.

12. 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.

13. 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.

14. 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

15. Seasonally adjusted statistics are shown in Table 1. 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 will vary from year to year in accordance with the combination of days which occur in the month. 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 this and other series are given in *Seasonally Adjusted Indicators, Australia* (1308.0).

16. 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.

17. 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 27.1 per cent in December 1984 and to have decreased by 26.8 per cent in January 1985. 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 15 particular care should be exercised in interpreting monthly movements based on the seasonally adjusted estimates.

Related publications

18. Other statistics compiled from the retail surveys are published quarterly in *Retail Sales of Goods, (Excluding Motor Vehicles, Parts, Petrol, etc.) Australia* (8503.0).

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

Symbols and other usages

- n.p. Not available for publication but included in totals
- r Revised

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

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8. Details of the value of retail sales are available for 15 retail industries. Retail industries consist of individual ASIC classes or combinations of ASIC classes. The ASIC classes which make up each retail industry were described in the May 1982 issue of this publication.

12. 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.

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

MONTHLY ESTIMATES					
Period	Original		Seasonally adjusted		
Month—	\$m	% change from preceding month	\$m	% change from preceding month	
1984—					
July	3,591.2	1.4	3,788.1	2.0	
August	3,701.0	3.1	3,775.4	-0.3	
September	3,560.3	-3.8	3,796.6	0.6	
October	3,851.4	8.2	3,847.5	1.3	
November	4,086.7	6.1	3,891.9	1.2	
December	5,195.2	27.1	3,922.3	0.8	
1985—					
January	3,802.0	-26.8	3,993.4	1.8	
February	3,517.2	-7.5	3,943.2	-1.3	
March	3,847.1	9.4	3,980.5	0.9	
April r	3,846.5	0.0	3,997.2	0.4	
May r	4,246.2	10.4	4,111.9	2.9	
June r	3,809.3	-10.3	4,136.7	0.6	
July	4,074.2	7.0	4,208.7	1.7	
August r	4,135.8	1.5	4,204.0	-0.1	
September	4,020.7	-2.8	4,315.5	2.7	
Standard error(b) of—					
September 1985	24.7				
Change: September 1985 from August 1985	8.9	0.2			
3-MONTHLY ESTIMATES					
Period	Original		Seasonally adjusted		
3 months ended—	\$m	% change from preceding 3 months	\$m	% change from preceding 3 months	% change from corresponding 3 months of previous year
1984—					
September	10,852.5	0.4	11,360.1	2.2	6.6
December	13,133.3	21.0	11,661.7	2.7	7.0
1985—					
March	11,166.3	-15.0	11,917.1	2.2	8.5
June	11,902.0	6.6	12,245.8	2.8	10.2
September	12,230.7	2.8	12,728.2	3.9	12.0
Standard error(c) of—					
3 months ended September 1985	75.3				
Change: 3 months ended September 1985 from—					
3 months ended June 1985	77.4	0.7			
3 months ended September 1984	94.4				0.9

(a) Excluding Northern Territory. (b) See paragraphs 9 to 14. (c) See paragraphs 9 to 14. Standard errors shown are approximations only.

TABLE 2. 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	Grocers, confection- ers, tobacco- onists	Butchers	General stores	Other food stores	Hotels, liquor stores, licensed clubs	Clothing	Dept. stores	Foot- wear stores	Hard- ware stores	Electrical goods stores	Furniture stores	Floor coverings stores	Chemists	News- agents	Other	Total
AUSTRALIA(a)																
1984—																
July	1,148.3	119.9	37.3	229.8	396.0	332.5	412.2	64.6	78.2	219.6	95.9	41.3	144.3	130.7	140.5	3,591.2
August	1,210.4	126.3	36.3	234.0	425.3	330.9	380.0	63.1	87.5	219.1	100.3	45.2	152.7	136.6	153.2	3,701.0
September	1,135.8	120.7	36.9	233.7	423.9	311.6	396.4	67.0	85.7	189.7	94.6	40.3	143.7	131.5	148.8	3,560.3
October	1,232.6	125.3	38.2	243.3	438.7	356.3	422.3	71.5	97.9	213.4	102.8	46.3	152.8	146.9	163.1	3,851.4
November	1,260.8	128.5	40.4	249.0	469.1	390.8	475.8	68.9	111.9	243.2	108.0	49.8	159.4	154.5	176.6	4,086.7
December	1,408.1	143.6	61.2	270.3	596.7	516.4	800.9	81.0	197.7	330.4	117.6	43.7	193.9	185.9	247.8	5,195.2
1985—																
January	1,242.2	128.0	34.6	256.6	485.6	318.3	393.3	65.3	88.1	204.0	90.0	38.4	156.3	144.3	156.9	3,802.0
February	1,172.9	122.9	32.1	228.2	435.8	291.1	342.8	53.7	85.7	189.6	88.5	37.5	140.9	147.8	147.7	3,517.2
March	1,259.0	133.0	33.9	241.8	467.8	337.9	401.9	58.1	91.4	222.0	98.9	40.0	152.0	145.1	164.4	3,847.1
April r	1,242.7	129.6	38.9	243.5	451.8	365.6	448.3	67.2	86.9	202.2	99.3	43.1	143.2	133.2	151.1	3,846.5
May r	1,312.1	141.2	43.8	247.7	461.5	441.1	536.9	80.5	96.6	250.9	114.9	51.3	161.1	143.9	162.7	4,246.2
June r	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
July	1,325.9	143.4	40.9	248.9	445.5	388.2	452.8	65.4	87.8	232.7	120.9	47.2	162.5	142.2	169.8	4,074.2
August	1,329.9	147.0	37.4	260.9	478.3	384.6	445.2	63.3	93.3	232.5	119.5	49.0	167.0	145.0	183.0	4,135.8
September	1,278.2	140.5	38.8	262.2	469.7	372.5	442.6	67.8	90.9	217.5	117.8	46.7	157.1	139.0	179.3	4,020.7
Standard Error—																
Level(b)	12.1	6.3	0.6	7.9	8.6	6.8	1.2	2.7	2.9	4.9	5.0	3.7	4.9	5.5	9.1	24.7
Movement(c)	2.8	1.7	0.2	2.7	4.0	2.9	0.2	1.2	1.2	1.7	1.9	1.3	1.9	1.7	4.0	8.9
NEW SOUTH WALES																
1984—																
July	351.5	48.3	10.2	91.3	147.3	115.1	167.8	22.8	26.2	69.2	33.8	16.2	63.2	51.9	50.7	1,265.4
August	377.5	51.3	9.7	92.4	159.9	117.5	154.6	23.5	30.6	64.8	34.8	17.5	64.9	53.0	54.1	1,306.1
September	348.6	49.6	9.4	92.3	160.5	114.7	162.3	25.0	30.7	58.2	32.0	15.1	61.5	49.1	53.6	1,262.5
October	376.6	52.9	9.6	99.5	164.6	133.1	172.5	26.9	35.9	63.5	34.1	15.3	67.7	58.4	58.3	1,366.9
November	381.4	54.4	9.9	100.0	175.8	145.7	196.1	25.6	42.7	71.9	35.8	18.2	67.2	62.0	62.0	1,449.2
December	435.9	59.7	15.0	107.9	227.3	189.5	337.7	29.6	81.7	106.3	39.8	17.7	83.4	72.9	85.4	1,889.7
1985—																
January	379.4	52.3	8.7	103.0	181.3	113.4	165.2	21.9	30.4	62.3	29.2	15.0	70.7	57.7	52.5	1,343.1
February	354.6	50.2	7.5	89.1	163.3	103.3	144.9	17.8	30.6	56.3	31.6	13.3	64.3	60.5	47.1	1,230.1
March	374.9	53.6	8.6	96.9	172.3	115.6	171.8	19.4	32.5	66.2	34.6	15.0	69.4	59.6	54.4	1,344.8
April r	369.4	53.3	9.3	97.0	164.4	133.2	189.6	23.0	31.2	63.7	37.2	16.4	61.4	57.5	52.7	1,359.4
May r	393.9	59.3	10.9	98.3	166.8	163.6	228.7	28.5	36.1	74.8	41.0	18.3	69.6	60.2	55.8	1,505.9
June r	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
July	419.5	58.1	11.0	98.7	164.6	137.6	193.4	21.5	30.6	77.1	44.7	19.2	70.7	59.5	59.9	1,466.1
August	403.7	60.4	9.6	103.0	175.1	134.5	181.7	21.2	34.3	71.9	42.9	19.0	72.8	61.5	64.7	1,456.5
September	390.8	56.5	9.6	103.7	169.8	129.7	177.7	23.5	33.1	67.8	43.0	18.1	69.6	57.7	64.7	1,415.5
Standard Error—																
Level(b)	8.2	3.8	0.2	5.3	5.1	4.0	0.0	2.1	1.7	3.4	3.6	2.8	2.9	4.0	4.3	15.6
Movement(c)	1.8	0.9	0.0	1.9	1.7	2.0	0.0	1.0	0.9	1.1	1.4	1.1	1.5	1.1	1.9	5.3

For footnotes see end of table.

TABLE 2. 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, tobacco- onists	Butchers	General stores	Other food stores	Hotels, liquor stores, licensed clubs	Clothing	Dept. stores	Foot- wear stores	Hard- ware stores	Electrical goods stores	Furniture stores	Floor coverings stores	Chemists	News- agents	Other	Total
VICTORIA																
1984—																
July	331.8	29.8	9.2	53.7	87.9	105.8	87.6	18.2	23.6	57.1	23.9	9.7	32.6	33.5	39.0	943.2
August	348.8	30.3	9.6	52.8	92.6	100.5	81.1	17.3	25.0	61.7	25.7	11.1	34.6	35.7	41.2	967.9
September	332.2	29.2	10.2	52.5	93.4	92.9	80.9	17.2	23.5	51.2	24.1	10.2	32.1	35.9	39.4	925.0
October	358.0	28.9	10.7	54.3	97.1	106.7	91.5	20.0	28.8	55.3	29.2	12.4	34.7	38.5	44.1	1,010.3
November	377.7	30.4	11.2	57.0	106.8	119.3	98.1	19.7	33.9	63.2	31.3	12.5	37.6	42.6	47.5	1,088.8
December	416.6	35.3	17.2	60.6	135.1	163.8	168.0	23.6	48.8	82.4	34.9	9.8	48.4	52.9	70.2	1,367.6
1985—																
January	357.5	34.2	9.3	54.3	108.3	100.7	80.6	18.7	27.2	53.2	27.3	7.9	32.5	36.9	45.3	993.9
February	348.5	34.1	9.5	52.0	97.7	95.3	72.3	16.1	25.8	53.1	26.4	7.9	30.0	42.4	45.0	956.2
March	371.0	35.8	8.9	53.2	105.8	113.1	83.5	17.2	27.1	60.8	28.0	8.8	32.8	37.8	49.0	1,033.0
April r	362.5	36.6	11.3	58.0	101.1	115.6	92.8	18.8	28.9	54.9	24.8	10.7	33.1	31.1	40.1	1,020.3
May r	383.0	38.9	12.1	57.5	101.1	139.4	110.9	21.5	29.7	70.8	28.5	13.8	38.9	33.9	41.8	1,121.6
June r	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	366.2	42.5	12.0	53.0	92.9	119.3	92.1	18.6	25.8	61.1	31.2	11.7	36.2	33.5	45.7	1,041.9
August	377.4	43.6	11.1	57.1	97.6	120.3	95.7	17.2	25.7	64.2	32.5	12.3	36.5	34.1	48.3	1,073.7
September	365.6	42.4	12.1	58.3	98.8	114.9	93.0	17.2	24.0	60.8	33.3	12.6	33.4	34.4	47.0	1,047.9
Standard Error— Level(b)	6.5	4.2	0.2	3.9	3.7	4.1	0.0	1.3	1.6	2.6	2.5	1.9	3.0	2.6	5.9	13.4
Movement(c)	1.3	0.6	0.0	1.7	1.4	1.4	0.0	0.5	0.5	0.9	0.7	0.4	0.7	0.8	3.3	4.8
QUEENSLAND																
1984—																
July	190.9	20.8	6.6	39.4	79.4	42.8	55.8	8.6	12.7	42.5	17.2	5.9	21.6	22.7	21.8	589.0
August	199.4	23.1	6.6	40.5	84.7	44.8	52.2	8.6	14.5	43.7	17.9	6.6	24.0	24.1	25.7	616.5
September	188.0	21.2	6.8	40.9	83.0	42.0	58.7	10.5	13.1	36.7	16.8	5.4	22.4	24.0	25.1	594.7
October	204.5	22.3	6.2	41.8	83.7	44.1	59.7	8.9	13.3	43.9	13.6	6.7	22.3	25.9	25.7	622.8
November	206.9	22.2	6.8	42.5	88.2	47.6	66.3	8.3	14.5	49.9	14.7	6.3	23.0	25.0	29.2	651.4
December	229.6	24.0	11.0	48.4	108.2	59.2	111.3	10.3	28.0	70.7	16.6	4.7	26.8	29.7	36.7	815.3
1985—																
January	217.0	20.9	6.5	44.6	88.3	41.1	54.6	9.9	14.0	37.3	12.4	5.5	23.8	25.2	25.5	626.5
February	194.7	19.1	5.6	38.2	80.3	34.3	44.5	6.4	13.7	31.6	10.8	5.8	18.8	21.5	23.3	548.7
March	215.5	22.6	6.5	40.3	85.4	41.7	53.3	7.6	16.3	39.0	13.3	5.4	21.0	23.0	24.4	615.3
April r	212.0	18.6	6.6	39.7	84.8	43.7	58.4	9.3	12.4	34.5	14.7	6.0	21.5	21.4	24.2	607.8
May r	225.5	20.3	7.7	40.7	90.1	52.8	69.6	11.3	13.5	43.2	16.3	7.5	21.9	23.7	27.1	671.1
June r	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	230.4	20.2	7.0	39.8	90.2	49.2	59.4	9.9	14.2	38.7	18.7	5.3	23.1	23.7	26.5	656.7
August	235.8	20.7	5.9	42.1	100.8	52.4	59.4	10.6	15.5	39.2	18.2	6.3	24.7	23.6	29.6	684.8
September	223.3	20.6	6.4	40.6	94.9	51.9	62.8	11.2	16.5	37.6	16.3	5.0	22.9	23.0	28.4	661.3
Standard Error— Level(b)	4.9	2.3	0.0	3.0	4.9	2.5	1.2	0.8	1.2	1.6	1.7	0.6	2.1	2.2	5.0	11.2
Movement(c)	1.4	1.0	0.0	0.7	3.2	1.2	0.2	0.1	0.5	0.5	0.8	0.2	0.6	0.6	1.1	4.6

For footnotes see end of table.

TABLE 2. 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, tobacco- onists	Butchers	General stores	Other food stores	Hotels, liquor stores, licensed clubs	Clothiers	Dept. stores	Foot- wear stores	Hard- ware stores	Electrical goods stores	Furniture stores	Floor coverings stores	Chemists	News- agents	Other	Total
SOUTH AUSTRALIA																
1984—																
July	104.7	8.9	5.3	16.3	28.5	25.8	46.3	6.0	5.9	20.7	9.0	5.1	12.5	7.2	10.4	312.6
August	109.5	9.1	4.9	17.0	31.2	26.0	41.8	5.0	6.7	19.1	8.8	5.2	13.3	7.3	11.3	316.2
September	103.6	8.8	4.7	17.0	30.1	23.2	41.0	5.0	6.6	17.9	9.1	5.0	12.5	7.1	10.8	302.6
October	114.0	9.2	5.4	18.6	33.0	28.3	43.0	5.8	7.3	19.2	10.7	5.6	13.8	6.8	12.1	332.6
November	115.5	9.2	5.7	19.7	35.2	29.8	51.4	5.5	7.8	22.1	11.6	5.9	14.5	7.0	12.8	353.7
December	128.0	10.5	6.9	21.4	47.0	38.2	73.5	7.1	14.1	27.2	12.1	5.4	15.5	7.0	17.4	431.3
1985—																
January	115.9	9.5	4.0	21.3	39.5	24.5	39.0	5.2	6.3	19.9	9.0	4.0	12.8	7.4	11.9	330.4
February	107.3	8.7	3.7	17.4	34.0	22.7	34.8	4.8	6.1	18.9	8.4	4.7	12.4	7.2	12.4	303.6
March	116.3	9.6	4.0	18.7	36.6	27.1	41.5	5.3	6.1	21.2	9.4	4.8	12.8	7.8	14.6	335.8
April r	118.3	10.0	4.5	17.5	37.6	27.9	46.9	5.9	5.8	18.8	10.3	3.9	11.8	7.1	12.2	336.3
May r	124.3	10.8	5.0	19.0	38.4	31.1	54.0	6.7	6.9	22.5	13.8	4.4	13.2	8.4	12.9	371.2
June r	116.6	9.5	4.4	17.7	36.6	27.3	46.1	5.2	6.0	20.6	12.1	4.5	12.3	8.2	11.5	338.6
July	120.2	10.4	4.7	19.9	34.6	28.9	49.1	5.6	7.0	20.8	11.8	4.2	13.6	8.5	11.4	350.6
August	123.4	10.1	4.5	20.2	37.4	28.6	49.1	5.2	7.3	20.9	10.8	4.3	13.2	8.5	12.4	355.9
September	119.0	9.2	4.2	20.9	37.3	28.0	48.0	5.6	6.5	19.4	10.7	4.5	12.7	7.8	11.9	345.7
Standard Error—																
Level(b)	2.5	0.7	0.4	1.9	1.8	0.9	0.0	0.3	1.1	0.8	1.0	1.2	1.2	0.8	1.1	4.8
Movement(c)	0.8	0.5	0.1	0.3	0.5	0.3	0.0	0.1	0.2	0.2	0.3	0.2	0.2	0.1	0.5	1.5
WESTERN AUSTRALIA																
1984—																
July	117.3	6.5	5.0	20.5	37.2	27.7	31.7	5.5	7.2	20.2	6.2	2.5	9.6	9.3	12.0	318.5
August	120.7	6.8	4.7	22.0	40.3	27.9	29.7	5.6	7.6	20.7	7.3	2.7	10.8	10.0	13.0	329.7
September	112.3	6.1	4.9	21.9	40.2	26.6	32.1	6.0	8.8	17.9	6.5	2.7	10.2	9.5	11.7	317.5
October	123.2	6.1	5.3	20.0	42.3	29.0	32.9	6.6	8.9	22.7	7.8	4.1	10.9	10.8	14.0	344.6
November	122.5	6.2	5.6	20.4	44.3	31.8	38.8	6.1	9.1	26.2	7.4	4.1	11.1	11.0	15.6	360.4
December	136.8	7.2	9.5	22.4	55.3	44.2	64.9	6.3	17.2	31.3	7.4	3.9	13.1	13.7	25.0	458.4
1985—																
January	116.6	5.3	5.2	23.8	48.6	25.3	32.8	6.6	6.9	22.4	7.1	3.6	10.8	10.9	13.1	338.8
February	114.3	5.4	4.8	23.3	47.1	22.8	26.9	5.3	6.4	21.3	6.4	3.3	9.9	9.9	12.2	319.3
March	124.7	5.4	5.0	24.1	48.7	25.8	29.7	5.3	6.4	24.6	8.0	3.5	10.6	10.2	13.3	345.3
April r	122.4	5.2	6.1	22.2	45.4	29.6	33.4	6.6	5.6	20.3	7.3	3.6	10.0	9.9	12.9	340.6
May r	125.1	5.7	6.9	23.3	46.3	36.4	44.7	8.2	6.6	27.1	9.6	4.6	11.3	11.0	15.3	382.1
June r	117.0	5.4	5.5	22.4	44.1	29.4	33.9	6.3	5.6	23.3	8.4	3.4	10.2	9.6	14.0	338.4
July	128.6	6.0	5.3	26.9	45.0	37.0	33.6	6.9	6.8	23.2	8.7	4.4	12.9	11.4	16.5	373.2
August	128.9	6.0	5.4	27.3	48.4	34.9	34.4	6.0	7.0	26.0	9.5	4.9	13.7	11.5	16.7	380.6
September	121.2	5.7	5.4	28.0	50.6	34.3	38.0	7.0	7.2	21.5	8.8	3.9	12.4	10.3	16.4	370.8
Standard Error—																
Level(b)	1.9	1.3	0.0	2.4	2.0	2.3	0.0	0.1	0.4	1.3	1.1	0.6	0.8	1.0	1.4	5.7
Movement(c)	0.3	0.1	0.0	0.3	0.8	0.6	0.0	0.1	0.2	0.5	0.2	0.4	0.6	0.5	0.6	1.8

For footnotes see end of table.

TABLE 2. 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	Dept. stores	Foot- wear stores	Hard- ware stores	Electrical goods stores	Furniture stores	Floor coverings stores	Chemists	News- agents	Other	Total
TASMANIA																
1984—																
July	34.1	4.1	n.p.	3.9	10.8	9.4	12.1	2.2	1.0	5.0	3.5	1.3	3.0	3.4	n.p.	98.1
August	35.6	4.3	n.p.	4.1	11.3	8.8	10.4	1.9	1.3	4.7	3.8	1.6	3.2	3.6	n.p.	99.5
September	33.6	4.1	n.p.	4.2	11.4	8.0	10.9	2.0	1.1	4.2	3.4	1.5	3.0	3.1	n.p.	95.3
October	37.1	4.1	n.p.	4.7	12.2	9.3	11.3	2.0	1.8	4.4	4.1	1.6	3.2	3.9	n.p.	105.2
November	37.5	4.4	n.p.	4.7	13.1	10.5	12.8	2.3	1.7	5.3	4.4	1.5	3.4	3.9	n.p.	111.2
December	42.1	4.8	n.p.	4.9	17.1	14.4	24.3	2.8	3.6	7.1	4.4	1.6	4.0	5.8	n.p.	145.4
1985—																
January	37.2	4.2	n.p.	5.6	14.3	8.9	11.5	2.0	1.4	4.1	3.1	1.6	3.4	4.0	n.p.	106.7
February	35.4	3.9	n.p.	4.6	12.7	8.5	10.4	2.4	1.3	3.7	3.1	1.8	3.3	3.9	n.p.	99.9
March	37.0	4.2	n.p.	5.0	13.6	9.5	11.7	2.2	1.3	4.5	3.5	1.6	3.2	4.0	n.p.	106.7
April r	37.1	4.1	n.p.	5.5	13.3	9.3	14.6	2.5	1.4	4.7	2.9	1.5	3.0	3.9	n.p.	108.7
May r	38.8	4.5	n.p.	5.6	13.2	10.6	14.8	2.8	1.9	6.1	3.5	1.7	3.5	4.3	n.p.	116.6
June r	36.2	4.1	n.p.	5.3	12.4	10.1	12.8	2.2	1.3	5.1	3.2	1.6	3.1	3.7	n.p.	105.7
July	38.5	4.5	n.p.	6.2	12.5	9.5	13.2	2.0	1.6	5.4	3.5	1.4	2.9	3.2	n.p.	109.4
August	39.5	4.6	n.p.	6.5	13.3	8.2	13.7	2.0	1.5	5.0	3.2	1.4	3.0	3.2	n.p.	110.6
September	36.8	4.5	n.p.	6.3	13.1	8.2	12.1	2.3	1.7	5.0	3.3	1.6	3.1	3.3	n.p.	106.6
Standard Error— Level(b)	0.8	0.3	n.p.	0.6	0.6	0.2	0.0	0.0	0.1	0.3	0.1	0.1	0.2	0.3	n.p.	1.5
Movement(c)	0.2	0.1	n.p.	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	n.p.	0.5
AUSTRALIAN CAPITAL TERRITORY																
1984—																
July	18.1	1.5	n.p.	4.6	4.9	5.7	10.8	1.3	1.6	4.8	2.3	0.5	1.9	2.7	n.p.	64.2
August	18.8	1.5	n.p.	5.1	5.4	5.4	10.3	1.2	1.7	4.4	2.0	0.5	2.0	2.8	n.p.	65.1
September	17.5	1.7	n.p.	4.9	5.3	4.1	10.4	1.2	1.8	3.6	2.7	0.5	2.0	2.9	n.p.	62.7
October	19.3	1.7	n.p.	4.5	5.7	5.8	11.4	1.2	1.9	4.3	3.1	0.7	2.3	2.5	n.p.	69.0
November	19.4	1.7	n.p.	4.6	5.6	6.0	12.3	1.4	2.3	4.6	2.8	0.9	2.5	3.0	n.p.	72.1
December	19.1	2.0	n.p.	4.6	6.6	7.1	21.1	1.3	4.3	5.4	2.4	0.5	2.6	3.8	n.p.	57.5
1985—																
January	18.6	1.6	n.p.	4.0	5.3	4.2	9.6	1.1	1.9	4.9	1.9	0.7	2.3	2.3	n.p.	62.5
February	18.1	1.3	n.p.	3.7	5.1	4.2	9.0	0.9	1.8	4.6	1.8	0.8	2.1	2.3	n.p.	59.5
March	19.5	1.8	n.p.	3.6	5.6	5.2	10.4	1.1	1.7	5.6	2.1	0.8	2.2	2.6	n.p.	66.0
April r	21.0	1.9	n.p.	3.5	5.2	6.3	12.6	1.2	1.6	5.1	2.0	0.9	2.5	2.2	n.p.	71.3
May r	21.5	1.9	n.p.	3.4	5.7	7.2	14.2	1.4	1.9	6.5	2.2	1.0	2.8	2.5	n.p.	77.7
June r	20.7	1.6	n.p.	3.2	5.4	6.3	11.0	1.2	1.6	5.4	2.1	0.9	2.7	2.3	n.p.	69.8
July	22.1	1.7	n.p.	4.4	5.6	6.7	12.0	1.0	1.8	6.3	3.3	0.9	3.0	2.5	n.p.	76.4
August	21.2	1.6	n.p.	4.6	5.5	5.7	11.2	1.0	1.9	5.3	2.4	0.9	3.1	2.4	n.p.	73.8
September	21.5	1.6	n.p.	4.5	5.3	5.5	11.0	1.0	1.8	5.4	2.3	1.0	3.0	2.5	n.p.	73.0
Standard Error— Level(b)	0.9	0.2	n.p.	0.8	0.5	0.3	0.0	0.1	0.1	0.5	0.1	0.1	0.1	0.2	n.p.	1.7
Movement(c)	0.2	0.0	n.p.	0.1	0.1	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	n.p.	0.6

(a) Excludes Northern Territory. (b) The standard error of the estimate for the latest month—see paragraphs 9 to 14 of Explanatory notes. (c) The standard error of the movement between the latest and preceding month—see paragraphs 9 to 14 of Explanatory notes.