## RETAIL TRADE

EMBARGO: 11:30AM (CANBERRA TIME) THURS 6 MAY 1999




TAKE CARE!
Trend estimates are revised as new monthly data become available.

- For further information about these and related statistics, contact Margaret Keenan on 026252 5451. For information about the volume estimates contact Leon Ting on 0262526807.


## MARCH KEY FIGURES

## TREND ESTIMATES

| Turnover at current prices | Feb 1999 | Mar 1999 | \% change |
| :---: | ---: | ---: | ---: | ---: |
| (\$ millions) | 12108.4 | 12236.6 | 1.1 |
|  | Mar 1998 | Mar 1999 | \% change |
|  | 11298.3 | 12236.6 | 8.3 |

## SEASONALLYADJUSTED ESTIMATES

| Turnover at current prices | Feb 1999 | Mar 1999 | \% change |
| :---: | ---: | ---: | ---: |
| (\$ millions) | 12083.2 | 12358.5 | 2.3 |
|  | Mar 1998 | Mar 1999 | \% change |
|  | 11299.7 | 12358.5 | 9.4 |

## MARCHKEY POINTS

## TREND ESTIMATES

- Trend estimates are revised as new monthly data become available and the trend estimate for March 1999 is likely to be revised downwards when data for April and succeeding months become available. The strong increase in trend in the most recent months (an increase of $1.1 \%$ for both February and March) has been influenced by Easter commencing very early in April this year (2 April) leading to increased spending in late March, possibly of the order of $1.0 \%$ to $1.5 \%$, which is likely to be followed by an offset in spending in early April. A detailed analysis of this Easter proximity effect can be found in a feature article in Australian Economic Indicators May 1999 (Cat no 1350.0) which was released on 30 April 1999. The article is also located on the ABS's internet web page.


## SEASONALLY ADJUSTED

- The seasonally adjusted series rose by $2.3 \%$ in March 1999. As indicated above, this strong increase may be due to the Easter proximity effect. All States and Territories and most industry groups recorded strong growth in March 1999.


## ORIGINALESTIMATES

- In original terms, Australian turnover increased by 10.8\% over March 1998. Chains and other large retailers increased turnover by $10.9 \%$ while the increase for small retailers was $10.7 \%$.


## VOLUMEMEASURES

- The seasonally adjusted volume estimate of turnover for March quarter 1999 rose by $3.7 \%$ over December quarter 1998.


## SAMPLING ERRORS

WHAT IF?


CHANGES IN THIS ISSUE

ISSUE
April 1999
May 1999
June 1999

## RELEASE DATE

1 June 1999
1 July 1999
4 August 1999


[^0]
## MONTHLY PERCENTAGE CHANGE IN TREND ESTIMATES

NEW SOUTH WALES


VICTORIA

## QUEENSLAND

SOUTH AUSTRALIA


WESTERN AUSTRALIA


TASMANIA


The New South Wales trend estimate remained strong at $0.9 \%$. The major contributors to this growth were the Hospitality and services and Recreational good retailing groups.

Consistent strong growth has been recorded in recent months. The Clothing and Other retailing and Hospitality and services groups showed very strong growth for the same period.

The monthly growth rate has been strong for the last three months. The Food, Clothing and Household good retailing groups recorded the strongest growth over this period.

Growth was moderate over the last four months. In March 1999 only two industry groups were in decline. The Clothing retailing group had the strongest growth.

The growth rate has accelerated over the last five months. In March 1999 the Clothing, Household good, Recreational good and Other retailing groups recorded strong growth.

Tasmanian trend estimate growth remained strong in March 1999. Most industry groups recorded strong growth.

## MONTHLY PERCENTAGE CHANGE IN TREND ESTIMATES

FOOD RETAILING

## DEPARTMENT STORES



HOUSEHOLD GOOD RETAILING

(a) Possible break in series.

The trend estimate growth rate has been strong over the last three months. All States recorded moderate to strong growth in March 1999 with Tasmania, the Nothern Territory and Queensland showing strongest growth.

The growth rate for Department stores has eased in recent months falling from $0.7 \%$ in August 1998 to $0.3 \%$ for March 1999. New South Wales, Western Australia and the Australian Capital Territory fell into decline in March 1999.

Victoria, Queensland, South Australia and Western Australia all recorded growth of $1.3 \%$ or more in March 1999, contributing to the increasing strong growth for this industry group. New South Wales and Tasmania were the only States in decline.

Growth in this industry has eased over recent months. Declines in South Australia and the Northern Territory have offset the growth in the remaining States.

## MONTHLY PERCENTAGE CHANGE IN TREND ESTIMATES

RECREATIONAL GOOD
RETAILING


OTHER RETAILING

TOTAL RETAIL (excluding Hospitality and Services)


In recent months growth in the trend estimate for Total retail (excluding the Hospitality and services group) has been slightly weaker than that observed for Total Industries (including the Hospitality and services group).
(a) Possible break in series.


The trend estimate growth rate has been steady at $0.8 \%$ for each of the past two months. For March 1999 South Australia was the only State in decline, while Victoria recorded weak growth. The remaining States observed strong growth.

The growth rate for this industry group has remained consistent at $1.5 \%$ for each of the past three months. The strongest growth for March 1999 was in Victoria and the Australian Capital Territory. The growth rate for most other States was moderate to strong.

Growth in the trend estimate has strengthened over the recent months. New South Wales, Victoria and Tasmania recorded strong growth in March 1999. Only Western Australia and the Northern Territory were in decline for the same period.

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality and senvices | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ORIGINAL (\$ million) |  |  |  |  |  |  |  |  |
| 1998 |  |  |  |  |  |  |  |  |
| January | 4765.8 | 917.4 | 708.3 | 1261.4 | 622.6 | 1077.4 | 1883.8 | 11236.7 |
| February | 4282.5 | 716.4 | 577.6 | 1126.4 | 565.6 | 1009.3 | 1667.9 | 9945.5 |
| March | 4553.2 | 823.1 | 655.4 | 1227.3 | 600.7 | 1073.6 | 1840.6 | 10773.8 |
| April | 4543.4 | 981.0 | 730.2 | 1165.9 | 584.2 | 1105.1 | 1858.6 | 10968.3 |
| May | 4595.1 | 981.7 | 797.1 | 1228.8 | 582.4 | 1117.5 | 1905.1 | 11207.8 |
| June | 4393.5 | 860.4 | 740.4 | 1231.5 | 590.0 | 1084.3 | 1817.4 | 10717.5 |
| July | 4672.9 | 1053.7 | 787.2 | 1241.9 | 620.7 | 1151.8 | 1940.6 | 11468.6 |
| August | 4584.1 | 881.0 | 719.4 | 1202.2 | 618.9 | 1130.2 | 1966.5 | 11102.5 |
| September | 4598.5 | 950.5 | 762.2 | 1207.7 | 654.8 | 1167.9 | 1933.0 | 11274.6 |
| October | 4958.7 | 1032.9 | 821.9 | 1278.8 | 666.8 | 1221.4 | 2106.0 | 12086.5 |
| November | 4707.9 | 1150.2 | 805.4 | 1266.9 | 692.4 | 1247.7 | 2066.4 | 11936.7 |
| December | 5478.9 | 1994.2 | 1163.1 | 1632.4 | 983.0 | 1686.4 | 2313.7 | 15251.8 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 4947.7 | 956.8 | 776.4 | 1286.1 | 652.7 | 1125.3 | 2135.0 | 11880.0 |
| February | 4497.4 | 748.5 | 644.0 | 1165.8 | 603.7 | r 1067.6 | 1953.1 | r 10680.3 |
| March | 4968.1 | 915.3 | 775.6 | 1256.2 | 680.7 | 1192.4 | 2147.7 | 11936.0 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |
| January | 4623.1 | 1016.9 | 715.2 | 1298.9 | 640.9 | 1155.4 | 1830.5 | 11280.8 |
| February | 4612.6 | 988.7 | 732.8 | 1279.2 | 632.4 | 1161.3 | 1843.9 | 11251.0 |
| March | 4621.6 | 1000.7 | 728.5 | 1273.1 | 632.8 | 1174.5 | 1868.6 | 11299.7 |
| April | 4603.2 | 1017.4 | 737.7 | 1280.2 | 631.2 | 1180.8 | 1893.6 | 11344.1 |
| May | 4634.1 | 1008.9 | 759.2 | 1262.7 | 624.3 | 1169.1 | 1930.7 | 11389.0 |
| June | 4658.6 | 951.6 | 752.9 | 1244.8 | 633.3 | 1185.9 | 1919.5 | 11346.7 |
| July | 4684.5 | 1119.8 | 790.3 | 1239.6 | 645.6 | 1187.9 | 1974.9 | 11642.5 |
| August | 4664.6 | 1004.8 | 804.3 | 1253.6 | 653.2 | 1159.6 | 2005.6 | 11545.6 |
| September | 4748.8 | 1040.0 | 790.6 | 1257.9 | 669.5 | 1152.9 | 1973.7 | 11633.5 |
| October | 4768.0 | 1013.8 | 806.7 | 1255.4 | 680.3 | 1184.2 | 2042.8 | 11751.2 |
| November | 4749.6 | 1097.5 | 812.6 | 1219.5 | 674.4 | 1193.6 | 2045.1 | 11792.3 |
| December | 4728.0 | 1007.0 | 798.1 | 1226.0 | 648.2 | 1169.5 | 1973.0 | 11549.8 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 4893.0 | 1122.5 | 795.3 | 1354.5 | 683.0 | 1224.9 | 2076.1 | 12149.4 |
| February | 4844.3 | 1033.2 | 817.0 | 1324.8 | 676.2 | 1230.1 | 2157.5 | 12083.2 |
| March | 4998.2 | 1088.9 | 856.0 | 1266.8 | 704.5 | 1274.4 | 2169.8 | 12358.5 |



| Month | Food retailing | Department stores | Clothing and soft good retailing | Household <br> good <br> retailing | Recreational <br> good <br> retailing | Other retailing | Hospitality <br> and <br> senvices | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ORIGINAL (\% change from preceding month) |  |  |  |  |  |  |  |  |
| 1998 |  |  |  |  |  |  |  |  |
| January | -7.7 | -51.2 | -32.0 | -27.6 | -33.9 | -34.2 | -13.3 | -22.9 |
| February | -10.1 | -21.9 | -18.5 | -10.7 | -9.2 | -6.3 | -11.5 | -11.5 |
| March | 6.3 | 14.9 | 13.5 | 9.0 | 6.2 | 6.4 | 10.4 | 8.3 |
| April | -0.2 | 19.2 | 11.4 | -5.0 | -2.7 | 2.9 | 1.0 | 1.8 |
| May | 1.1 | 0.1 | 9.2 | 5.4 | -0.3 | 1.1 | 2.5 | 2.2 |
| June | -4.4 | -12.4 | -7.1 | 0.2 | 1.3 | -3.0 | -4.6 | -4.4 |
| July | 6.4 | 22.5 | 6.3 | 0.8 | 5.2 | 6.2 | 6.8 | 7.0 |
| August | -1.9 | -16.4 | -8.6 | -3.2 | -0.3 | -1.9 | 1.3 | -3.2 |
| September | 0.3 | 7.9 | 5.9 | 0.5 | 5.8 | 3.3 | -1.7 | 1.6 |
| October | 7.8 | 8.7 | 7.8 | 5.9 | 1.8 | 4.6 | 9.0 | 7.2 |
| November | -5.1 | 11.4 | -2.0 | -0.9 | 3.8 | 2.1 | -1.9 | -1.2 |
| December | 16.4 | 73.4 | 44.4 | 28.9 | 42.0 | 35.2 | 12.0 | 27.8 |
| 1999 |  |  |  |  |  |  |  |  |
| January | -9.7 | -52.0 | -33.3 | -21.2 | -33.6 | -33.3 | -7.7 | -22.1 |
| February | -9.1 | -21.8 | -17.1 | -9.4 | -7.5 | -5.1 | -8.5 | -10.1 |
| March | 10.5 | 22.3 | 20.4 | 7.8 | 12.7 | 11.7 | 10.0 | 11.8 |

SEASONALLY ADJUSTED (\% change from preceding month)

## 1998

| January | 2.0 | 2.4 | -2.3 | 0.6 | 1.2 | 1.6 | -1.5 | 0.9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| February | -0.2 | -2.8 | 2.5 | -1.5 | -1.3 | 0.5 | 0.7 | -0.3 |
| March | 0.2 | 1.2 | -0.6 | -0.5 | 0.1 | 1.1 | 1.3 | 0.4 |
| April | -0.4 | 1.7 | 1.3 | 0.6 | -0.3 | 0.5 | 1.3 | 0.4 |
| May | 0.7 | -0.8 | 2.9 | -1.4 | -1.1 | -1.0 | 2.0 | 0.4 |
| June | 0.5 | -5.7 | -0.8 | -1.4 | 1.4 | 1.4 | -0.6 | -0.4 |
| July | 0.6 | 17.7 | 5.0 | -0.4 | 1.9 | 0.2 | 2.9 | 2.6 |
| August | -0.4 | -10.3 | 1.8 | 1.1 | 1.2 | -2.4 | 1.6 | -0.8 |
| September | 1.8 | 3.5 | -1.7 | 0.3 | 2.5 | -0.6 | -1.6 | 0.8 |
| October | 0.4 | -2.5 | 2.0 | -0.2 | 1.6 | 2.7 | 3.5 | 1.0 |
| November | -0.4 | 8.3 | 0.7 | -2.9 | -0.9 | 0.8 | 0.1 | 0.3 |
| December | -0.5 | -8.2 | -1.8 | 0.5 | -3.9 | -2.0 | -3.5 | -2.1 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 3.5 | 11.5 | -0.3 | 10.5 | 5.4 | 4.7 | 5.2 | 5.2 |
| February | -1.0 | -7.9 | 2.7 | -2.2 | -1.0 | 0.4 | 3.9 | -0.5 |
| March | 3.2 | 5.4 | 4.8 | -4.4 | 4.2 | 3.6 | 0.6 | 2.3 |


| TREND ESTIMATES (\% change from preceding month) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |
| January | 0.6 | -0.3 | 0.0 | -0.3 | -0.6 | 1.0 | 0.0 | 0.2 |
| February | 0.5 | -0.2 | 0.1 | -0.5 | -0.6 | 1.0 | 0.3 | 0.2 |
| March | 0.4 | 0.0 | 0.6 | -0.7 | -0.4 | 0.8 | 0.7 | 0.3 |
| April | -0.3 | 0.5 | 1.1 | -0.7 | -0.1 | 0.5 | 1.0 | 0.4 |
| May | 0.4 | 0.6 | 1.6 | -0.6 | 0.3 | 0.1 | 1.2 | 0.4 |
| June | 0.5 | 0.8 | 1.9 | -0.4 | 0.9 | -0.1 | 1.4 | 0.6 |
| July | 0.5 | 0.7 | 1.8 | -0.5 | 1.4 | -0.3 | 1.3 | 0.6 |
| August | 0.5 | 0.7 | 1.4 | -0.5 | 1.4 | -0.3 | 0.9 | 0.5 |
| September | 0.4 | 0.6 | 0.8 | -0.1 | 1.1 | -0.1 | 0.7 | 0.4 |
| October | 0.4 | 0.6 | 0.4 | 0.4 | 0.7 | 0.3 | 0.6 | 0.5 |
| November | 0.6 | 0.5 | 0.2 | 0.9 | 0.4 | 0.8 | 0.9 | 0.6 |
| December | 0.7 | 0.6 | 0.4 | 1.0 | 0.4 | 1.3 | 1.2 | 0.8 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 0.8 | 0.7 | 0.7 | 1.1 | 0.6 | 1.5 | 1.4 | 1.0 |
| February | 0.9 | 0.7 | 0.9 | 0.9 | 0.8 | 1.5 | 1.6 | 1.1 |
| March | 0.9 | 0.3 | 1.0 | 0.7 | 0.8 | 1.5 | 1.7 | 1.1 |

[^1]CLOTHING AND
SOFT GOOD
RETAILING. $\qquad$ HOUSEHOLD GOOD RETAILING...

| Month | Super- <br> markets <br> and <br> grocery <br> stores | Takeaway food retailing | Other food retailing | Total | Total <br> Department <br> stores | Clothing retailing | Other clothing related retailing | Total | Furniture and floor covering retailing | Domestic hardware \& houseware retailing | Domestic appliance retailing | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | \$ MILLION |  |  |  |  |  |  |  |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 3257.1 | 656.4 | 852.3 | 4765.8 | 917.4 | 482.1 | 226.2 | 708.3 | 300.1 | 318.5 | 642.7 | 1261.4 |
| February | 2918.3 | 590.4 | 773.9 | 4282.5 | 716.4 | 406.2 | 171.4 | 577.6 | 288.5 | 284.8 | 553.1 | 1126.4 |
| March | 3114.0 | 624.7 | 814.5 | 4553.2 | 823.1 | 460.2 | 195.2 | 655.4 | 302.0 | 308.5 | 616.8 | 1227.3 |
| April | 3142.8 | 583.7 | 816.9 | 4543.4 | 981.0 | 524.3 | 205.9 | 730.2 | 286.0 | 295.8 | 584.0 | 1165.9 |
| May | 3186.7 | 584.0 | 824.5 | 4595.1 | 981.7 | 583.3 | 213.8 | 797.1 | 320.8 | 297.7 | 610.3 | 1228.8 |
| June | 3039.6 | 566.9 | 786.9 | 4393.5 | 860.4 | 538.7 | 201.7 | 740.4 | 328.5 | 285.4 | 617.7 | 1231.5 |
| July | 3247.6 | 593.1 | 832.1 | 4672.9 | 1053.7 | 566.1 | 221.0 | 787.2 | 341.1 | 283.6 | 617.2 | 1241.9 |
| August | 3200.5 | 574.6 | 809.0 | 4584.1 | 881.0 | 521.8 | 197.6 | 719.4 | 321.2 | 305.8 | 575.2 | 1202.2 |
| September | 3189.0 | 574.3 | 835.1 | 4598.5 | 950.5 | 544.4 | 217.8 | 762.2 | 320.2 | 333.3 | 554.2 | 1207.7 |
| October | 3467.9 | 618.3 | 872.5 | 4958.7 | 1032.9 | 578.8 | 243.1 | 821.9 | 338.1 | 343.4 | 597.3 | 1278.8 |
| November | 3275.5 | 583.6 | 848.8 | 4707.9 | 1150.2 | 568.0 | 237.3 | 805.4 | 344.7 | 337.1 | 585.0 | 1266.9 |
| December | 3723.7 | 634.3 | 1120.9 | 5478.9 | 1994.2 | 850.8 | 312.3 | 1163.1 | 343.4 | 415.0 | 874.1 | 1632.4 |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 3488.4 | 607.0 | 852.4 | 4947.7 | 956.8 | 519.8 | 256.6 | 776.4 | 321.9 | 317.5 | 646.8 | 1286.1 |
| February | 3160.9 | 535.9 | 800.6 | 4497.4 | 748.5 | 453.1 | 190.9 | 644.0 | 297.8 | 291.6 | 576.5 | 1165.8 |
| March | 3500.7 | 586.9 | 880.5 | 4968.1 | 915.3 | 552.4 | 223.2 | 775.6 | 340.5 | 319.8 | 595.9 | 1256.2 |

\% CHANGE FROM PRECEDING MONTH

| 1998 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January | -5.6 | -3.9 | -17.2 | -7.7 | -51.2 | -35.8 | -22.1 | -32.0 | -6.5 | -29.3 | -33.8 | -27.6 |
| February | -10.4 | -10.1 | -9.2 | -10.1 | -21.9 | -15.7 | -24.2 | -18.5 | -3.9 | -10.6 | -13.9 | -10.7 |
| March | 6.7 | 5.8 | 5.2 | 6.3 | 14.9 | 13.3 | 13.9 | 13.5 | 4.7 | 8.3 | 11.5 | 9.0 |
| April | 0.9 | -6.6 | 0.3 | -0.2 | 19.2 | 13.9 | 5.5 | 11.4 | -5.3 | -4.1 | -5.3 | -5.0 |
| May | 1.4 | 0.0 | 0.9 | 1.1 | 0.1 | 11.2 | 3.8 | 9.2 | 12.2 | 0.6 | 4.5 | 5.4 |
| June | -4.6 | -2.9 | -4.6 | -4.4 | -12.4 | -7.6 | -5.6 | -7.1 | 2.4 | -4.1 | 1.2 | 0.2 |
| July | 6.8 | 4.6 | 5.7 | 6.4 | 22.5 | 5.1 | 9.6 | 6.3 | 3.9 | -0.6 | -0.1 | 0.8 |
| August | -1.4 | -3.1 | -2.8 | -1.9 | -16.4 | -7.8 | -10.6 | -8.6 | -5.8 | 7.9 | -6.8 | -3.2 |
| September | -0.4 | 0.0 | 3.2 | 0.3 | 7.9 | 4.3 | 10.2 | 5.9 | -0.3 | 9.0 | -3.7 | 0.5 |
| October | 8.7 | 7.6 | 4.5 | 7.8 | 8.7 | 6.3 | 11.6 | 7.8 | 5.6 | 3.0 | 7.8 | 5.9 |
| November | -5.5 | -5.6 | -2.7 | -5.1 | 11.4 | -1.9 | -2.4 | -2.0 | 1.9 | -1.8 | -2.0 | -0.9 |
| December | 13.7 | 8.7 | 32.1 | 16.4 | 73.4 | 49.8 | 31.6 | 44.4 | -0.4 | 23.1 | 49.4 | 28.9 |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | -6.3 | -4.3 | -24.0 | -9.7 | -52.0 | -38.9 | -17.8 | -33.3 | -6.3 | -23.5 | -26.0 | -21.2 |
| February | -9.4 | -11.7 | -6.1 | -9.1 | -21.8 | -12.8 | -25.6 | -17.1 | -7.5 | -8.2 | -10.9 | -9.4 |
| March | 10.7 | 9.5 | 10.0 | 10.5 | 22.3 | 21.9 | 16.9 | 20.4 | 14.4 | 9.7 | 3.4 | 7.8 |

\% CHANGE FROM CORRESPONDING MONTH OF PREVIOUS YEAR

| 1998 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January | 4.9 | -0.5 | 22.9 | 6.9 | 9.1 | 2.7 | -2.1 | 1.1 | 8.8 | 1.5 | -3.0 | 0.7 |
| February | 3.5 | 1.7 | 20.5 | 5.9 | -1.5 | 8.0 | 0.2 | 5.6 | 8.7 | -1.1 | -12.9 | -5.2 |
| March | 0.8 | -1.0 | 17.2 | 3.1 | -4.1 | 9.6 | -0.2 | 6.5 | 16.1 | -1.9 | -0.8 | 2.6 |
| April | 8.6 | -6.2 | 16.5 | 7.7 | 15.5 | 7.9 | -2.3 | 4.8 | 8.1 | -0.5 | -7.2 | -2.2 |
| May | 3.5 | -8.9 | 15.0 | 3.6 | -1.3 | 8.3 | -2.7 | 5.1 | 14.0 | -1.0 | -11.9 | -3.6 |
| June | 7.0 | -7.8 | 15.1 | 6.1 | 3.6 | 15.2 | 1.2 | 11.0 | 14.6 | 2.6 | -9.7 | -1.4 |
| July | 7.8 | -5.9 | 8.8 | 6.0 | 8.5 | 15.5 | 1.7 | 11.2 | 13.8 | 2.0 | -10.2 | -1.8 |
| August | 5.8 | -7.4 | 6.0 | 4.0 | 5.4 | 15.9 | 0.4 | 11.2 | 12.2 | 8.0 | -13.7 | -2.8 |
| September | 8.0 | -7.8 | 11.8 | 6.4 | 1.2 | 14.0 | 7.8 | 12.2 | 14.5 | 4.2 | -12.4 | -2.0 |
| October | 8.4 | -4.1 | 9.0 | 6.8 | 5.7 | 13.8 | 7.2 | 11.7 | 3.1 | 4.9 | -11.6 | -3.9 |
| November | 5.4 | -6.9 | 5.6 | 3.7 | 3.5 | 7.7 | 9.3 | 8.2 | 8.0 | -1.9 | -14.0 | -5.6 |
| December | 7.9 | -7.2 | 8.9 | 6.1 | 6.1 | 13.3 | 7.5 | 11.7 | 6.9 | -7.9 | -9.9 | -6.3 |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 7.1 | -7.5 | 0.0 | 3.8 | 4.3 | 7.8 | 13.4 | 9.6 | 7.3 | -0.3 | 0.6 | 2.0 |
| February | 8.3 | -9.2 | 3.5 | 5.0 | 4.5 | 11.5 | 11.4 | 11.5 | 3.2 | 2.4 | 4.2 | 3.5 |
| March | 12.4 | -6.0 | 8.1 | 9.1 | 11.2 | 20.0 | 14.4 | 18.3 | 12.7 | 3.6 | -3.4 | 2.4 |

(a) See paragraph 3 of the Explanatory Notes

|  | RECREATIONAL GOOD RETAILING. |  |  | OTHER <br> RETAILING. |  |  | HOSPITALITY AND SERVICES. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Month | News- <br> paper, book <br> and <br> stationery <br> retailing | Other recreation good retailing | Total | Pharmaceutical cosmetic \& toiletry retailing | Other retailing | Total | Hotels and licensed clubs | Cafes and <br> restau- <br> rants | Selected services | Total | Total all industries |
| \$ MILLION |  |  |  |  |  |  |  |  |  |  |  |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |
| January | 410.9 | 211.7 | 622.6 | 473.4 | 604.0 | 1077.4 | 1161.7 | 547.2 | 174.9 | 1883.8 | 11236.7 |
| February | 392.2 | 173.4 | 565.6 | 439.7 | 569.6 | 1009.3 | 1025.3 | 478.4 | 164.2 | 1667.9 | 9945.5 |
| March | 416.9 | 183.7 | 600.7 | 488.4 | 585.1 | 1073.6 | 1129.4 | 537.1 | 174.1 | 1840.6 | 10773.8 |
| April | 386.5 | 197.7 | 584.2 | 488.9 | 616.1 | 1105.1 | 1130.6 | 542.1 | 185.9 | 1858.6 | 10968.3 |
| May | 403.6 | 178.8 | 582.4 | 512.9 | 604.7 | 1117.5 | 1150.6 | 574.9 | 179.6 | 1905.1 | 11207.8 |
| June | 397.4 | 192.6 | 590.0 | 504.7 | 579.6 | 1084.3 | 1102.6 | 538.9 | 175.9 | 1817.4 | 10717.5 |
| July | 403.9 | 216.8 | 620.7 | 531.6 | 620.2 | 1151.8 | 1161.0 | 591.0 | 188.6 | 1940.6 | 11468.6 |
| August | 400.7 | 218.2 | 618.9 | 532.8 | 597.5 | 1130.2 | 1199.7 | 591.2 | 175.6 | 1966.5 | 11102.5 |
| September | 407.7 | 247.1 | 654.8 | 543.1 | 624.8 | 1167.9 | 1159.8 | 594.2 | 179.0 | 1933.0 | 11274.6 |
| October | 413.7 | 253.0 | 666.8 | 572.5 | 649.0 | 1221.4 | 1259.1 | 661.3 | 185.6 | 2106.0 | 12086.5 |
| November | 421.4 | 271.0 | 692.4 | 557.9 | 689.7 | 1247.7 | 1244.8 | 638.8 | 182.9 | 2066.4 | 11936.7 |
| December | 528.2 | 454.8 | 983.0 | 680.9 | 1005.5 | 1686.4 | 1405.3 | 700.9 | 207.5 | 2313.7 | 15251.8 |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |
| January | 428.9 | 223.8 | 652.7 | 540.0 | 585.4 | 1125.3 | 1285.5 | 657.5 | 192.0 | 2135.0 | 11880.0 |
| February | 417.9 | 185.8 | 603.7 | 525.7 | r 542.0 | r 1067.6 | 1174.2 | 606.9 | 172.1 | 1953.1 | r 10680.3 |
| March | 472.1 | 208.6 | 680.7 | 612.1 | 580.4 | 1192.4 | 1279.3 | 679.3 | 189.1 | 2147.7 | 11936.0 |

## \% CHANGE FROM PRECEDING MONTH

| \% CHANGE FROM PRECEDING MONTH |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |
| January | -22.5 | -48.5 | -33.9 | -23.7 | -40.7 | -34.2 | -12.0 | -14.7 | -16.9 | -13.3 | -22.9 |
| February | -4.6 | -18.1 | -9.2 | -7.1 | -5.7 | -6.3 | -11.7 | -12.6 | -6.1 | -11.5 | -11.5 |
| March | 6.3 | 5.9 | 6.2 | 11.1 | 2.7 | 6.4 | 10.1 | 12.3 | 6.1 | 10.4 | 8.3 |
| April | -7.3 | 7.6 | -2.7 | 0.1 | 5.3 | 2.9 | 0.1 | 0.9 | 6.8 | 1.0 | 1.8 |
| May | 4.4 | -9.5 | -0.3 | 4.9 | -1.9 | 1.1 | 1.8 | 6.0 | -3.4 | 2.5 | 2.2 |
| June | -1.5 | 7.7 | 1.3 | -1.6 | -4.1 | -3.0 | -4.2 | -6.3 | -2.0 | -4.6 | -4.4 |
| July | 1.6 | 12.6 | 5.2 | 5.3 | 7.0 | 6.2 | 5.3 | 9.7 | 7.2 | 6.8 | 7.0 |
| August | -0.8 | 0.7 | -0.3 | 0.2 | -3.7 | -1.9 | 3.3 | 0.0 | -6.9 | 1.3 | -3.2 |
| September | 1.8 | 13.2 | 5.8 | 1.9 | 4.6 | 3.3 | -3.3 | 0.5 | 2.0 | -1.7 | 1.6 |
| October | 1.5 | 2.4 | 1.8 | 5.4 | 3.9 | 4.6 | 8.6 | 11.3 | 3.7 | 9.0 | 7.2 |
| November | 1.8 | 7.1 | 3.8 | -2.5 | 6.3 | 2.1 | -1.1 | -3.4 | -1.5 | -1.9 | -1.2 |
| December | 25.3 | 67.8 | 42.0 | 22.0 | 45.8 | 35.2 | 12.9 | 9.7 | 13.5 | 12.0 | 27.8 |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |
| January | -18.8 | -50.8 | -33.6 | -20.7 | -41.8 | -33.3 | -8.5 | -6.2 | -7.5 | -7.7 | -22.1 |
| February | -2.6 | -17.0 | -7.5 | -2.6 | -7.4 | -5.1 | -8.7 | -7.7 | -10.4 | -8.5 | -10.1 |
| March | 12.9 | 12.3 | 12.7 | 16.4 | 7.1 | 11.7 | 9.0 | 11.9 | 9.9 | 10.0 | 11.8 |

\% CHANGE FROM CORRESPONDING MONTH OF PREVIOUS YEAR

## 1998

|  |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| January | 3.4 | 15.8 | 7.3 | 7.6 | 9.4 | 8.6 | 4.4 | 1.8 | -9.9 | 2.1 |
| February | 3.8 | 7.2 | 4.8 | 4.2 | 8.0 | 6.3 | 3.2 | -2.9 | 2.7 | 1.3 |
| March | 7.1 | -0.7 | 4.6 | 8.3 | 8.9 | 8.6 | 3.2 | 0.4 | 1.3 | 2.2 |
| April | -1.9 | 7.9 | 1.2 | 0.5 | 13.5 | 7.3 | 6.4 | 1.2 | 6.4 | 4.8 |
| May | 0.8 | -2.3 | -0.2 | 1.6 | 4.8 | 3.3 | 6.6 | 5.3 | -0.4 | 5.5 |
| June | 5.4 | -0.6 | 3.4 | 5.4 | 9.2 | 7.4 | 3.6 | 5.0 | 0.4 | 3.7 |
| July | 3.3 | 3.4 | 3.3 | 0.5 | 9.6 | 5.2 | 7.5 | 7.7 | 2.2 | 7.0 |
| August | 0.1 | 7.5 | 2.6 | 0.1 | 4.4 | 2.3 | 8.9 | 3.9 | -3.0 | 6.2 |
| September | 1.2 | 10.0 | 4.4 | 5.2 | 5.5 | 5.3 | 7.5 | 8.4 | 1.0 | 7.1 |
| October | 1.4 | 9.1 | 4.1 | 10.4 | -0.3 | 4.5 | 10.1 | 14.6 | -0.8 | 10.4 |
| November | 3.3 | 6.4 | 4.5 | 10.9 | 1.0 | 5.2 | 8.3 | 11.3 | 0.4 | 8.5 |
| December | -0.4 | 10.6 | 4.4 | 9.8 | -1.2 | 2.9 | 6.4 | 9.3 | -1.5 | 6.9 |
| 999 |  |  |  |  |  |  |  | 3.9 |  |  |
| January | 4.4 | 5.7 | 4.8 | 14.1 | -3.1 | 4.4 | 10.7 | 20.2 | 9.8 | 13.9 |
| February | 6.6 | 7.1 | 6.7 | 19.6 | -4.8 | 5.8 | 14.5 | 26.9 | 4.8 | 17.1 |
| March | 13.2 | 13.5 | 13.3 | 25.3 | -0.8 | 11.1 | 13.3 | 26.5 | 8.6 | 16.9 |

(a) See paragraph 3 of the Explanatory Notes

RETAIL TURNOVER, By State: All series


SEASONALLY ADJUSTED (\$ million)

| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |  |
| January | 4026.8 | 2581.6 | 2082.7 | 868.3 | 1126.0 | 260.6 | 119.3 | 215.5 | 11280.8 |
| February | 3976.9 | 2589.3 | 2098.7 | 845.7 | 1132.3 | 269.7 | 120.5 | 217.9 | 11251.0 |
| March | 3970.3 | 2631.0 | 2111.2 | 849.7 | 1136.8 | 265.0 | 120.9 | 214.8 | 11299.7 |
| April | 3971.5 | 2622.0 | 2144.4 | 865.4 | 1139.0 | 262.2 | 123.0 | 216.6 | 11344.1 |
| May | 3991.0 | 2634.9 | 2154.5 | 867.4 | 1138.0 | 261.6 | 124.0 | 217.6 | 11389.0 |
| June | 3951.0 | 2622.9 | 2156.0 | 870.8 | 1144.3 | 262.0 | 122.7 | 216.8 | 11346.7 |
| July | 4046.0 | 2765.5 | 2166.2 | 884.4 | 1165.3 | 264.8 | 122.8 | 227.5 | 11642.5 |
| August | 3931.4 | 2764.5 | 2211.3 | 863.4 | 1165.8 | 262.7 | 128.0 | 218.6 | 11545.6 |
| September | 4019.1 | 2771.5 | 2199.9 | 882.4 | 1142.4 | 269.1 | 124.2 | 224.9 | 11633.5 |
| October | 4049.2 | 2767.2 | 2239.0 | 898.4 | 1180.4 | 264.4 | 131.0 | 221.8 | 11751.2 |
| November | 4064.6 | 2830.2 | 2205.8 | 881.1 | 1198.0 | 267.0 | 126.6 | 219.1 | 11792.3 |
| December | 4001.5 | 2758.7 | 2157.9 | 860.2 | 1164.8 | 259.9 | 125.1 | 221.8 | 11549.8 |
| 1999 |  |  |  |  |  |  |  |  |  |
| January | 4264.3 | 2851.7 | 2296.5 | 909.4 | 1190.1 | 275.9 | 133.6 | 227.8 | 12149.4 |
| February | 4175.5 | 2881.2 | 2281.7 | 890.0 | 1217.8 | 276.8 | 129.4 | 230.8 | 12083.2 |
| March | 4247.8 | 2970.5 | 2332.9 | 919.8 | 1232.0 | 285.4 | 132.3 | 237.8 | 12358.5 |

TREND ESTIMATES (\$ million)

| TREND ESTIMATES (\$ million) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |  |
| January | 3986.0 | 2600.1 | 2082.4 | 840.7 | 1129.3 | 267.7 | 119.6 | 215.5 | 11241.3 |
| February | 3987.0 | 2599.3 | 2099.3 | 849.2 | 1130.9 | 265.5 | 120.3 | 216.0 | 11267.4 |
| March | 3984.3 | 2605.4 | 2116.2 | 856.7 | 1134.3 | 263.9 | 121.2 | 216.3 | 11298.3 |
| April | 3979.9 | 2622.0 | 2132.6 | 862.6 | 1138.6 | 263.0 | 122.1 | 217.1 | 11337.9 |
| May | 3976.3 | 2647.5 | 2149.2 | 867.2 | 1143.0 | 262.7 | 123.0 | 218.3 | 11387.3 |
| June | 3978.9 | 2680.3 | 2166.8 | 871.7 | 1148.2 | 263.1 | 123.8 | 219.8 | 11452.6 |
| July | 3983.6 | 2714.1 | 2181.5 | 875.4 | 1154.0 | 263.6 | 124.7 | 221.0 | 11517.9 |
| August | 3991.6 | 2744.0 | 2192.3 | 878.6 | 1159.7 | 264.0 | 125.5 | 221.7 | 11577.4 |
| September | 4005.3 | 2766.2 | 2199.4 | 879.8 | 1165.1 | 264.4 | 126.4 | 221.7 | 11628.3 |
| October | 4029.8 | 2782.9 | 2206.8 | 881.0 | 1171.0 | 265.1 | 127.2 | 221.7 | 11685.5 |
| November | 4065.4 | 2799.0 | 2217.8 | 883.4 | 1178.3 | 266.6 | 128.0 | 222.6 | 11760.5 |
| December | 4107.6 | 2820.7 | 2233.9 | 887.3 | 1187.5 | 269.1 | 128.8 | 224.4 | 11858.7 |
| 1999 |  |  |  |  |  |  |  |  |  |
| January | 4152.6 | 2849.9 | 2255.2 | 892.6 | 1198.2 | 272.4 | 129.7 | 227.2 | 11977.8 |
| February | 4198.5 | 2882.2 | 2279.4 | 899.2 | 1209.8 | 276.1 | 130.6 | 230.4 | 12108.4 |
| March | 4237.2 | 2913.0 | 2306.2 | 904.9 | 1222.5 | 279.5 | 131.7 | 233.4 | 12236.6 |



SEASONALLY ADJUSTED (\% change from preceding month)

TREND ESTIMATES (\% change from preceding month)

| 1998 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January | 0.1 | -0.1 | 0.8 | 1.0 | 0.1 | -0.9 | 0.5 | 0.2 | 0.2 |
| February | 0.0 | 0.0 | 0.8 | 1.0 | 0.1 | -0.8 | 0.6 | 0.2 | 0.2 |
| March | -0.1 | 0.2 | 0.8 | 0.9 | 0.3 | -0.6 | 0.8 | 0.2 | 0.3 |
| April | -0.1 | 0.6 | 0.8 | 0.7 | 0.4 | -0.3 | 0.7 | 0.3 | 0.4 |
| May | -0.1 | 1.0 | 0.8 | 0.5 | 0.4 | -0.1 | 0.7 | 0.6 | 0.4 |
| June | 0.1 | 1.2 | 0.8 | 0.5 | 0.5 | 0.1 | 0.7 | 0.7 | 0.6 |
| July | 0.1 | 1.3 | 0.7 | 0.4 | 0.5 | 0.2 | 0.7 | 0.6 | 0.6 |
| August | 0.2 | 1.1 | 0.5 | 0.4 | 0.5 | 0.2 | 0.7 | 0.3 | 0.5 |
| September | 0.3 | 0.8 | 0.3 | 0.1 | 0.5 | 0.2 | 0.7 | 0.0 | 0.4 |
| October | 0.6 | 0.6 | 0.3 | 0.1 | 0.5 | 0.2 | 0.7 | 0.0 | 0.5 |
| November | 0.9 | 0.6 | 0.5 | 0.3 | 0.6 | 0.6 | 0.7 | 0.4 | 0.6 |
| December | 1.0 | 0.8 | 0.7 | 0.4 | 0.8 | 0.9 | 0.6 | 0.8 | 0.8 |
| 1999 |  |  |  |  |  |  |  |  |  |
| January | 1.1 | 1.0 | 1.0 | 0.6 | 0.9 | 1.2 | 0.7 | 1.2 | 1.0 |
| February | 1.1 | 1.1 | 1.1 | 0.7 | 1.0 | 1.4 | 0.7 | 1.4 | 1.1 |
| March | 0.9 | 1.1 | 1.2 | 0.6 | 1.1 | 1.2 | 0.8 | 1.3 | 1.1 |


|  |  |  | Clothing and | Household | Recreational |  | Hospitality |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Month | Food | Department | soft good | good | good | Other | and | and |
|  | retailing | stores | retailing | retailing | retailing | retailing | services |  |


| ORIGINAL (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |
| January | 1608.4 | 321.2 | 264.9 | 419.2 | 213.9 | 375.4 | 786.0 | 3989.1 |
| February | 1445.6 | 237.1 | 213.3 | 384.5 | 203.3 | 357.8 | 689.2 | 3530.9 |
| March | 1527.2 | 278.7 | 236.0 | 432.5 | 219.5 | 362.2 | 750.6 | 3806.7 |
| April | 1493.8 | 335.7 | 265.9 | 398.2 | 208.0 | 380.1 | 744.9 | 3826.7 |
| May | 1499.2 | 348.4 | 304.1 | 424.2 | 207.7 | 378.1 | 772.8 | 3934.5 |
| June | 1444.2 | 286.4 | 265.8 | 422.0 | 210.0 | 369.5 | 739.1 | 3737.0 |
| July | 1497.2 | 371.9 | 283.8 | 425.3 | 216.7 | 396.5 | 782.9 | 3974.3 |
| August | 1469.0 | 298.8 | 259.8 | 404.6 | 205.3 | 385.7 | 783.9 | 3807.2 |
| September | 1470.3 | 331.4 | 280.3 | 397.2 | 218.6 | 407.3 | 773.4 | 3878.5 |
| October | 1616.1 | 353.6 | 309.8 | 402.4 | 215.6 | 403.1 | 832.6 | 4133.2 |
| November | 1531.1 | 401.3 | 291.2 | 407.9 | 237.3 | 418.7 | 858.2 | 4145.7 |
| December | r 1778.1 | 703.3 | 435.6 | 519.9 | 320.5 | 570.3 | 930.9 | r 5258.7 |
| 1999 |  |  |  |  |  |  |  |  |
| January | r 1596.5 | 346.6 | 290.5 | 408.9 | 212.1 | 383.2 | 925.6 | r 4163.2 |
| February | r 1446.5 | 258.8 | 228.8 | 359.7 | 203.7 | r 363.3 | 847.1 | r 3708.0 |
| March | 1594.7 | 310.9 | 262.6 | 393.5 | 239.8 | 382.6 | 935.2 | 4119.2 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |
| January | 1560.2 | 367.4 | 267.4 | 438.8 | 234.4 | 398.3 | 760.3 | 4026.8 |
| February | 1558.1 | 328.7 | 266.5 | 437.4 | 224.7 | 407.0 | 754.4 | 3976.9 |
| March | 1547.6 | 334.2 | 265.2 | 444.7 | 224.0 | 394.2 | 760.3 | 3970.3 |
| April | 1515.9 | 354.9 | 269.6 | 434.1 | 229.8 | 405.0 | 762.3 | 3971.5 |
| May | 1510.2 | 362.3 | 286.9 | 426.9 | 221.5 | 407.7 | 775.4 | 3991.0 |
| June | 1532.2 | 312.4 | 271.8 | 422.6 | 224.5 | 412.4 | 775.2 | 3951.0 |
| July | 1514.5 | 395.7 | 281.4 | 426.9 | 219.5 | 406.0 | 801.9 | 4046.0 |
| August | 1483.1 | 348.5 | 286.4 | 425.6 | 205.2 | 397.3 | 785.4 | 3931.4 |
| September | 1530.0 | 355.6 | 296.4 | 416.2 | 221.5 | 405.1 | 794.3 | 4019.1 |
| October | 1552.4 | 358.9 | 310.6 | 400.4 | 224.5 | 393.5 | 808.8 | 4049.2 |
| November | 1528.5 | 381.2 | 294.9 | 391.4 | 221.3 | 395.7 | 851.7 | 4064.6 |
| December | 1535.5 | 341.4 | 296.0 | 389.2 | 222.5 | 395.8 | 821.1 | 4001.5 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 1575.2 | 417.2 | 298.5 | 435.2 | 235.2 | 409.9 | 893.0 | 4264.3 |
| February | 1557.1 | 358.2 | 285.0 | 409.1 | 226.5 | 416.6 | 922.9 | 4175.5 |
| March | 1613.0 | 361.0 | 290.5 | 395.9 | 244.7 | 403.9 | 938.9 | 4247.8 |


| TREND ESTIMATES (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 (\$ mion) |  |  |  |  |  |  |  |  |
| January | 1548.5 | 343.8 | 271.6 | 429.4 | 227.2 | 403.3 | 761.9 | 3986.0 |
| February | 1547.4 | 343.1 | 270.1 | 434.0 | 227.2 | 403.7 | 759.6 | 3987.0 |
| March | 1541.4 | 343.6 | 269.8 | 436.3 | 226.4 | 403.9 | 759.3 | 3984.3 |
| April | 1531.4 | 345.7 | 271.0 | 435.7 | 224.6 | 404.5 | 762.1 | 3979.9 |
| May | 1520.9 | 348.5 | 274.1 | 432.8 | 222.0 | 405.8 | 767.0 | 3976.3 |
| June | 1513.9 | 352.4 | 278.9 | 428.7 | 219.7 | 406.3 | 774.4 | 3978.9 |
| July | 1511.9 | 355.3 | 284.5 | 423.2 | 218.0 | 405.1 | 782.7 | 3983.6 |
| August | 1514.8 | 358.1 | 290.1 | 416.8 | 217.4 | 402.3 | 790.9 | 3991.6 |
| September | 1520.4 | 361.0 | 295.0 | 410.9 | 217.8 | 399.5 | 800.8 | 4005.3 |
| October | 1528.4 | 364.7 | 298.0 | 406.7 | 219.7 | 398.2 | 814.8 | 4029.8 |
| November | 1538.6 | 368.3 | 298.7 | 404.5 | 222.8 | 399.1 | 834.0 | 4065.4 |
| December | 1550.6 | 370.6 | 297.2 | 404.3 | 226.5 | 401.6 | 857.5 | 4107.6 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 1562.9 | 372.3 | 294.7 | 405.3 | 230.2 | 404.5 | 882.7 | 4152.6 |
| February | 1575.4 | 373.4 | 292.2 | 406.2 | 233.8 | 407.3 | 907.0 | 4198.5 |
| March | 1584.9 | 372.2 | 289.5 | 407.2 | 236.3 | 409.3 | 927.7 | 4237.2 |

(a) See paragraph 3 of the Explanatory Notes

RETAIL TURNOVER, By Industry Group(a)—Victoria: All series


SEASONALLY ADJUSTED (\$ million)

| 1998 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January | 1085.8 | 247.2 | 156.4 | 318.0 | 159.3 | 284.6 | 330.4 | 2581.6 |
| February | 1088.1 | 242.0 | 175.0 | 315.9 | 158.3 | 277.3 | 332.7 | 2589.3 |
| March | 1097.4 | 246.7 | 176.3 | 316.0 | 163.9 | 292.2 | 338.4 | 2631.0 |
| April | 1087.7 | 242.1 | 179.1 | 317.1 | 155.1 | 300.4 | 340.7 | 2622.0 |
| May | 1101.1 | 243.7 | 188.6 | 317.8 | 149.2 | 283.9 | 350.7 | 2634.9 |
| June | 1114.6 | 231.2 | 189.1 | 306.0 | 147.8 | 289.9 | 344.3 | 2622.9 |
| July | 1155.9 | 276.3 | 203.6 | 310.8 | 163.6 | 302.0 | 353.3 | 2765.5 |
| August | 1149.2 | 241.9 | 208.8 | 318.7 | 173.6 | 299.6 | 372.7 | 2764.5 |
| September | 1158.0 | 254.1 | 198.2 | 332.5 | 178.2 | 291.2 | 359.3 | 2771.5 |
| October | 1154.5 | 263.8 | 191.7 | 328.9 | 165.6 | 296.8 | 365.9 | 2767.2 |
| November | 1188.3 | 263.1 | 213.9 | 314.6 | 171.6 | 314.7 | 364.0 | 2830.2 |
| December | 1158.9 | 255.4 | 210.7 | 334.0 | 165.7 | 279.7 | 354.2 | 2758.7 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 1195.5 | 272.1 | 191.2 | 327.9 | 172.1 | 314.4 | 378.4 | 2851.7 |
| February | 1173.7 | 258.7 | 217.1 | 338.4 | 163.4 | 316.5 | 413.3 | 2881.2 |
| March | 1216.6 | 274.4 | 230.3 | 324.5 | 173.4 | 347.6 | 403.6 | 2970.5 |

TREND ESTIMATES (\$ million)

| 1998 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January | 1091.3 | 245.3 | 169.3 | (b)320.6 | 161.6 | (b)281.9 | (b) 330.2 |
| February | 1089.3 | 243.8 | 171.1 | 318.8 | 159.3 | 284.4 | 333.1 |
| March | 1090.6 | 243.0 | 175.0 | 316.2 | 156.5 | 287.6 | 336.9 |
| April | 1097.1 | 243.4 | 181.0 | 313.8 | 154.8 | 290.6 | 341.4 |
| May | 1107.8 | 244.7 | 187.7 | 313.2 | 155.1 | 292.6 | 346.5 |
| June | 1121.7 | 247.2 | 193.4 | 314.0 | 157.7 | 294.3 | 351.9 |
| July | 1135.7 | 250.3 | 198.0 | 316.0 | 161.9 | 295.6 | 356.5 |
| August | 1148.5 | 253.7 | 200.9 | 318.8 | 166.5 | 296.3 | 359.3 |
| September | 1158.3 | 256.7 | 202.2 | 322.0 | 170.0 | 296.3 | 360.7 |
| October | 1165.1 | 259.0 | 202.6 | 325.2 | 171.3 | 297.2 | 362.6 |
| November | 1170.4 | 260.7 | 203.6 | 327.5 | 170.6 | 299.7 | 366.6 |
| December | 1176.6 | 262.5 | 205.9 | 328.7 | 169.3 | 304.5 | 373.2 |
| 1999 |  |  |  |  |  |  |  |
| January | 1183.9 | 264.7 | 209.6 | 329.6 | 168.6 | 311.6 | 381.9 |
| February | 1191.4 | 267.2 | 213.9 | 330.3 | 168.5 | 319.7 | 391.2 |
| March | 1198.1 | 268.4 | 218.8 | 330.3 | 168.6 | 328.1 | 400.8 |
| (a) See paragraph 3 of the Explanatory Notes |  |  |  |  | (b) Possible break in series. See paragraph 10 of the Explanatory Notes. |  |  |



| ORIGINAL (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 (\$ milion) |  |  |  |  |  |  |  |  |
| January | 877.7 | 153.2 | 157.6 | 188.0 | 125.1 | 208.0 | 400.7 | 2110.4 |
| February | 784.4 | 116.1 | 125.3 | 168.7 | 103.5 | 196.9 | 345.6 | 1840.3 |
| March | 841.4 | 129.0 | 133.8 | 172.6 | 106.8 | 208.5 | 387.7 | 1979.9 |
| April | 847.3 | 153.1 | 141.1 | 167.2 | 116.2 | 210.6 | 405.5 | 2041.1 |
| May | 868.8 | 155.2 | 154.9 | 177.2 | 116.4 | 224.3 | 409.5 | 2106.2 |
| June | 820.1 | 143.2 | 160.4 | 181.4 | 124.2 | 220.2 | 399.7 | 2049.2 |
| July | 870.5 | 167.3 | 164.0 | 194.0 | 123.9 | 227.5 | 426.2 | 2173.6 |
| August | 856.0 | 151.1 | 154.5 | 199.2 | 129.6 | 219.9 | 439.5 | 2149.9 |
| September | 872.1 | 165.6 | 167.0 | 196.6 | 140.3 | 221.0 | 409.3 | 2172.0 |
| October | 916.1 | 175.9 | 176.8 | 204.5 | 150.5 | 232.7 | 463.9 | 2320.6 |
| November | 857.4 | 187.5 | 162.0 | 206.0 | 142.4 | 230.8 | 434.9 | 2221.0 |
| December | 975.3 | 324.3 | 222.6 | 259.1 | 202.0 | 314.1 | 497.0 | 2794.5 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 928.3 | 160.2 | 165.4 | 229.1 | 149.6 | 218.2 | 424.9 | 2275.8 |
| February | 837.2 | 122.8 | 136.3 | 208.3 | 129.7 | r 197.8 | 369.6 | r 2001.7 |
| March | 933.1 | 146.5 | 161.6 | 223.4 | 141.5 | 217.0 | 399.2 | 2222.4 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 ( 10 |  |  |  |  |  |  |  |  |
| January | 849.0 | 164.3 | 152.2 | 190.2 | 118.8 | 223.3 | 384.7 | 2082.7 |
| February | 853.3 | 160.9 | 155.9 | 187.5 | 116.7 | 226.8 | 397.5 | 2098.7 |
| March | 860.2 | 163.5 | 154.1 | 181.1 | 117.6 | 226.2 | 408.5 | 2111.2 |
| April | 861.4 | 165.5 | 154.2 | 189.3 | 125.4 | 232.0 | 416.6 | 2144.4 |
| May | 870.0 | 163.4 | 155.8 | 184.4 | 122.6 | 232.6 | 425.7 | 2154.5 |
| June | 855.2 | 154.3 | 168.1 | 182.2 | 133.1 | 233.1 | 429.8 | 2156.0 |
| July | 849.6 | 186.4 | 168.6 | 190.2 | 126.5 | 228.0 | 416.8 | 2166.2 |
| August | 861.3 | 168.0 | 168.3 | 213.4 | 140.0 | 217.5 | 442.9 | 2211.3 |
| September | 887.9 | 171.6 | 157.8 | 200.2 | 145.4 | 217.5 | 419.6 | 2199.9 |
| October | 877.2 | 169.9 | 164.8 | 201.6 | 157.2 | 223.5 | 444.8 | 2239.0 |
| November | 876.1 | 175.7 | 158.3 | 198.3 | 141.6 | 224.3 | 431.6 | 2205.8 |
| December | 882.1 | 164.7 | 159.9 | 193.8 | 131.5 | 228.3 | 397.7 | 2157.9 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 919.5 | 181.3 | 161.9 | 239.6 | 141.1 | 240.5 | 412.5 | 2296.5 |
| February | 910.4 | 170.8 | 169.8 | 230.0 | 146.2 | 228.4 | 426.1 | 2281.7 |
| March | 938.8 | 181.7 | 180.9 | 229.0 | 153.1 | 229.9 | 419.5 | 2332.9 |


| TREND ESTIMATES (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |
| January | (b) 849.1 | 163.5 | 151.9 | 188.3 | 118.0 | 223.9 | 395.9 | 2082.4 |
| February | 855.6 | 162.9 | 153.2 | 187.1 | 117.5 | 226.6 | 400.4 | 2099.3 |
| March | 859.0 | 162.6 | 155.0 | 185.3 | 118.9 | 229.0 | 407.0 | 2116.2 |
| April | 859.8 | 163.4 | 157.6 | 184.8 | 121.4 | 230.5 | 414.2 | 2132.6 |
| May | 859.9 | 165.0 | 160.6 | 186.5 | 125.0 | 230.5 | 420.8 | 2149.2 |
| June | 860.7 | 167.3 | 163.2 | 190.2 | 129.7 | 228.8 | 426.5 | 2166.8 |
| July | 862.2 | 169.4 | 164.8 | 193.8 | 135.0 | 225.8 | 430.5 | 2181.5 |
| August | 865.1 | 171.0 | 164.9 | 196.7 | 139.7 | 223.1 | 431.8 | 2192.3 |
| September | 869.7 | 171.8 | 163.4 | 199.3 | 142.6 | 221.9 | 430.7 | 2199.4 |
| October | 876.5 | 172.0 | 161.6 | 202.3 | 143.7 | 222.9 | 427.7 | 2206.8 |
| November | 885.3 | 172.2 | 161.1 | 206.5 | 143.6 | 225.6 | 423.8 | 2217.8 |
| December | 895.1 | 172.7 | 162.5 | 212.0 | 143.2 | 228.5 | 420.2 | 2233.9 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 905.5 | 174.1 | 165.4 | 218.6 | 143.3 | 230.8 | 417.5 | 2255.2 |
| February | 915.9 | 175.9 | 168.8 | 225.1 | 144.2 | 232.4 | 415.9 | 2279.4 |
| March | 924.8 | 177.2 | 172.6 | 231.6 | 145.5 | 233.2 | 416.2 | 2306.2 |
|  | (a) See paragraph 3 of the Explanatory Notes |  |  |  | (b) Possible break in series. See paragraph 10 of the Explanatory Notes. |  |  |  |


|  |  |  | Clothing and | Household | Recreational |  | Hospitality |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Month | Food | Department | soft good | good | good | Other | and |  |
|  | retailing | stores | retailing | retailing | retailing | retailing | services | Total |


| ORIGINAL (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 (\$ milion) |  |  |  |  |  |  |  |  |
| January | 396.1 | 93.8 | 45.3 | 94.2 | 33.4 | 77.0 | 116.1 | 856.0 |
| February | 344.9 | 76.0 | 33.0 | 81.9 | 29.1 | 69.3 | 107.4 | 741.5 |
| March | 373.6 | 78.4 | 42.9 | 85.2 | 34.2 | 75.8 | 120.4 | 810.5 |
| April | 385.7 | 91.6 | 49.7 | 81.6 | 31.8 | 80.9 | 127.3 | 848.6 |
| May | 381.2 | 86.6 | 50.0 | 89.3 | 31.7 | 86.1 | 131.0 | 855.8 |
| June | 365.4 | 80.0 | 46.6 | 89.8 | 32.5 | 76.8 | 124.3 | 815.5 |
| July | 390.1 | 96.3 | 48.9 | 84.2 | 34.6 | 77.9 | 133.9 | 865.8 |
| August | 380.6 | 79.8 | 43.2 | 82.7 | 32.0 | 76.6 | 130.8 | 825.5 |
| September | 387.9 | 82.6 | 45.1 | 81.0 | 35.4 | 80.8 | 136.9 | 849.8 |
| October | 421.8 | 89.7 | 50.5 | 91.8 | 36.0 | 84.6 | 150.5 | 925.0 |
| November | 399.1 | 101.1 | 48.1 | 91.5 | 35.2 | 86.7 | 135.8 | 897.4 |
| December | 473.0 | 170.9 | 64.8 | 116.3 | 51.8 | 118.3 | 162.4 | 1157.4 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 420.2 | 78.0 | 43.0 | 94.3 | 30.0 | 79.4 | 134.6 | 879.5 |
| February | 376.7 | 65.5 | 36.3 | 77.2 | 28.1 | r 75.7 | 120.5 | r 780.0 |
| March | 415.5 | 83.4 | 49.6 | 83.0 | 31.9 | 85.7 | 136.1 | 885.3 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 ( 10 er |  |  |  |  |  |  |  |  |
| January | 387.1 | 108.1 | 46.0 | 98.2 | 33.3 | 81.3 | 114.4 | 868.3 |
| February | 375.7 | 102.8 | 43.7 | 93.8 | 33.2 | 78.8 | 117.6 | 845.7 |
| March | 382.2 | 92.4 | 46.4 | 87.1 | 36.3 | 80.8 | 124.4 | 849.7 |
| April | 386.0 | 93.0 | 46.7 | 90.3 | 33.5 | 85.7 | 130.1 | 865.4 |
| May | 385.1 | 89.6 | 48.0 | 92.5 | 34.7 | 84.2 | 133.3 | 867.4 |
| June | 390.7 | 88.7 | 47.4 | 90.3 | 36.3 | 80.5 | 137.1 | 870.8 |
| July | 391.9 | 100.8 | 47.9 | 86.6 | 36.9 | 80.3 | 140.1 | 884.4 |
| August | 391.6 | 88.3 | 47.7 | 84.7 | 35.0 | 79.7 | 136.3 | 863.4 |
| September | 393.9 | 92.8 | 49.6 | 85.4 | 37.5 | 79.6 | 143.4 | 882.4 |
| October | 405.0 | 89.0 | 49.4 | 89.6 | 35.2 | 83.5 | 146.8 | 898.4 |
| November | 403.4 | 93.3 | 48.9 | 87.1 | 33.9 | 87.7 | 126.7 | 881.1 |
| December | 395.4 | 88.8 | 44.4 | 85.0 | 32.9 | 85.7 | 127.9 | 860.2 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 421.3 | 94.6 | 45.2 | 100.1 | 31.8 | 85.0 | 131.4 | 909.4 |
| February | 412.7 | 89.0 | 48.4 | 88.5 | 32.2 | 86.5 | 132.7 | 890.0 |
| March | 420.6 | 95.5 | 52.3 | 84.4 | 33.0 | 90.4 | 143.6 | 919.8 |


| TREND ESTIMATES (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 l |  |  |  |  |  |  |  |  |
| January | 373.5 | 93.5 | 44.4 | 93.2 | 33.4 | 80.7 | 117.9 | 840.7 |
| February | 378.4 | 93.8 | 45.0 | 92.9 | 33.6 | 81.9 | 120.0 | 849.2 |
| March | 382.4 | 93.7 | 45.8 | 92.1 | 34.1 | 82.5 | 123.7 | 856.7 |
| April | 385.3 | 93.5 | 46.5 | 91.0 | 34.7 | 82.5 | 128.0 | 862.6 |
| May | 387.2 | 92.9 | 47.3 | 89.7 | 35.3 | 82.2 | 132.7 | 867.2 |
| June | 389.1 | 92.4 | 47.9 | 88.6 | 35.9 | 81.5 | 136.8 | 871.7 |
| July | 391.2 | 92.0 | 48.4 | 87.5 | 36.2 | 81.0 | 139.5 | 875.4 |
| August | 393.7 | 91.9 | 48.7 | 86.7 | 36.2 | 81.0 | 140.4 | 878.6 |
| September | 396.2 | 91.8 | 48.5 | 86.6 | 35.9 | 81.6 | 139.3 | 879.8 |
| October | 399.3 | 91.4 | 48.0 | 87.3 | 35.1 | 82.9 | 137.0 | 881.0 |
| November | 403.0 | 91.2 | 47.6 | 88.5 | 34.2 | 84.4 | 134.7 | 883.4 |
| December | 407.0 | 91.3 | 47.3 | 89.5 | 33.3 | 85.7 | 133.2 | 887.3 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 411.1 | 91.8 | 47.5 | 89.9 | 32.7 | 86.8 | 132.8 | 892.6 |
| February | 415.0 | 92.4 | 48.0 | 89.9 | 32.2 | 87.7 | 133.6 | 899.2 |
| March | 418.1 | 92.8 | 48.6 | 89.4 | 31.9 | 88.5 | 134.5 | 904.9 |

(a) See paragraph 3 of the Explanatory Notes

RETAIL TURNOVER, By Industry Group(a)—Western Australia: All series

|  |  |  | Clothing and | Household | Recreational |  | Hospitality |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Month | Food | Department | soft good | good | good | Other | and |
| retailing | stores | retailing | retailing | retailing | retailing | services |  |


| ORIGINAL (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |
| January | 503.8 | 87.6 | 54.0 | 184.5 | 56.4 | 96.4 | 155.0 | 1137.8 |
| February | 451.5 | 72.9 | 42.6 | 156.5 | 52.1 | 87.0 | 145.0 | 1007.6 |
| March | 475.8 | 83.4 | 48.1 | 176.8 | 51.9 | 88.5 | 153.2 | 1077.7 |
| April | 488.5 | 101.7 | 48.7 | 171.9 | 54.7 | 87.0 | 148.7 | 1101.1 |
| May | 497.4 | 100.5 | 52.2 | 172.5 | 54.4 | 90.4 | 152.5 | 1120.0 |
| June | 465.8 | 92.0 | 49.3 | 180.8 | 53.4 | 88.4 | 139.6 | 1069.3 |
| July | 511.0 | 106.7 | 54.0 | 159.7 | 60.9 | 93.3 | 156.3 | 1142.0 |
| August | 506.3 | 90.6 | 48.5 | 153.1 | 57.6 | 91.1 | 161.1 | 1108.2 |
| September | 505.7 | 92.3 | 49.9 | 150.5 | 58.5 | 98.6 | 161.2 | 1116.6 |
| October | 536.8 | 108.9 | 55.7 | 175.1 | 62.0 | 107.8 | 184.4 | 1230.7 |
| November | 510.0 | 116.0 | 56.1 | 172.1 | 63.8 | 111.7 | 171.8 | 1201.5 |
| December | 605.6 | 195.2 | 74.8 | 219.7 | 94.4 | 155.3 | 197.6 | 1542.6 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 535.3 | 92.7 | 56.0 | 161.1 | 57.8 | 101.7 | 169.3 | 1173.9 |
| February | 490.1 | 75.0 | 45.6 | 159.7 | 57.9 | r 94.6 | 160.5 | r 1083.4 |
| March | 536.2 | 92.3 | 53.3 | 171.0 | 62.9 | 103.5 | 165.4 | 1184.7 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |
| January | 481.2 | 99.5 | 54.4 | 177.7 | 58.0 | 101.6 | 153.7 | 1126.0 |
| February | 484.5 | 99.6 | 54.2 | 175.4 | 59.6 | 101.4 | 157.6 | 1132.3 |
| March | 480.4 | 99.5 | 53.4 | 192.1 | 57.1 | 100.1 | 154.2 | 1136.8 |
| April | 493.6 | 104.5 | 49.9 | 184.2 | 57.6 | 94.8 | 154.4 | 1139.0 |
| May | 502.8 | 99.8 | 49.2 | 181.0 | 57.2 | 92.1 | 156.0 | 1138.0 |
| June | 504.8 | 99.5 | 48.4 | 186.7 | 58.8 | 95.8 | 150.3 | 1144.3 |
| July | 513.3 | 115.6 | 55.1 | 166.6 | 62.2 | 95.4 | 157.1 | 1165.3 |
| August | 523.6 | 101.4 | 54.4 | 163.7 | 62.3 | 97.7 | 162.7 | 1165.8 |
| September | 518.5 | 104.4 | 52.5 | 154.5 | 60.1 | 93.2 | 159.2 | 1142.4 |
| October | 518.6 | 104.5 | 52.7 | 164.0 | 61.4 | 101.1 | 178.1 | 1180.4 |
| November | 522.0 | 111.3 | 55.9 | 163.9 | 64.2 | 109.9 | 171.0 | 1198.0 |
| December | 506.6 | 100.6 | 53.0 | 164.6 | 61.4 | 108.8 | 169.9 | 1164.8 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 523.4 | 110.8 | 58.0 | 160.6 | 60.5 | 108.7 | 168.1 | 1190.1 |
| February | 526.5 | 102.5 | 58.2 | 179.3 | 66.3 | 110.4 | 174.6 | 1217.8 |
| March | 535.4 | 107.7 | 57.6 | 185.4 | 67.5 | 112.9 | 165.5 | 1232.0 |

TREND ESTIMATES (\$ million)

| 1998 |  | TREND ESTIMATES |  |  |
| :--- | ---: | ---: | ---: | ---: |
| January | 477.1 | 100.5 | 52.7 | 179.2 |
| February | 482.0 | 100.0 | 53.0 | 181.6 |
| March | 487.4 | 100.3 | 53.0 | 183.8 |
| April | 493.7 | 101.5 | (b)50.4 | 184.2 |
| May | 500.5 | 102.7 | 50.6 | 181.9 |
| June | 507.4 | 104.0 | 51.1 | 177.2 |
| July | 513.4 | 104.9 | 51.9 | 171.3 |
| August | 517.2 | 105.6 | 52.7 | 165.7 |
| September | 518.5 | 105.9 | 53.4 | 161.6 |
| October | 518.4 | 106.0 | 54.0 | 160.4 |
| November | 518.5 | 106.0 | 54.6 | 162.0 |
| December | 519.5 | 106.0 | 55.4 | 165.5 |
| 1999 |  |  |  |  |
| January | 521.8 | 106.2 | 56.3 | 169.7 |
| February | 524.8 | 106.4 | 57.3 | 174.0 |
| March | 528.2 | 106.3 | 58.1 | 178.5 |

(a) See paragraph 3 of the Explanatory Notes

| 58.2 | 102.6 | 156.7 | 1129.3 |
| ---: | ---: | ---: | ---: |
| 57.8 | 100.4 | 155.5 | 1130.9 |
| 57.7 | 98.3 | 154.6 | 1134.3 |
| 58.0 | 96.4 | 153.9 | 1138.6 |
| 58.5 | 94.9 | 153.8 | 1143.0 |
| 59.4 | 94.2 | 155.0 | 1148.2 |
| 60.3 | 94.6 | 157.7 | 1154.0 |
| 61.1 | 96.2 | 161.3 | 1159.7 |
| 61.6 | 98.8 | 165.2 | 1165.1 |
| 61.8 | 101.9 | 168.5 | 1171.0 |
| 62.0 | 104.9 | 170.5 | 1178.3 |
| 62.6 | 107.6 | 171.1 | 1187.5 |
|  |  |  |  |
| 63.5 | 109.8 | 170.9 | 1198.2 |
| 64.5 | 111.5 | 170.4 | 1209.8 |
| 65.6 | 113.0 | 169.8 | 1222.5 |

(b) Possible break in series. See paragraph 10 of the Explanatory Notes.

|  |  |  | Clothing and | Household | Recreational |  | Hospitality |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Month | Food | Department | soft good | good | good | Other | and |
| retailing | stores | retailing | retailing | retailing | retailing | services |  |


| ORIGINAL (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 (\$ minion) |  |  |  |  |  |  |  |  |
| January | 117.0 | n.p. | 15.2 | 20.8 | 18.0 | n.p. | 39.5 | 260.4 |
| February | 108.2 | n.p. | 14.4 | 20.9 | 17.5 | n.p. | 37.1 | 245.1 |
| March | 113.9 | n.p. | 15.0 | 22.8 | 16.8 | n.p. | 38.7 | 258.3 |
| April | 113.5 | n.p. | 17.7 | 23.3 | 15.8 | n.p. | 37.3 | 257.2 |
| May | 114.3 | n.p. | 17.5 | 24.0 | 15.6 | n.p. | 36.9 | 259.5 |
| June | 108.2 | n.p. | 16.3 | 24.1 | 15.0 | n.p. | 34.1 | 245.5 |
| July | 112.9 | n.p. | 15.0 | 27.5 | 14.0 | n.p. | 34.4 | 256.7 |
| August | 110.9 | n.p. | 13.9 | 22.8 | 14.3 | n.p. | 33.2 | 246.0 |
| September | 109.6 | n.p. | 16.4 | 24.5 | 14.7 | n.p. | 34.9 | 252.8 |
| October | 118.6 | n.p. | 15.3 | 25.7 | 15.8 | n.p. | 38.4 | 269.1 |
| November | 113.6 | n.p. | 17.1 | 26.2 | 16.4 | n.p. | 39.2 | 272.0 |
| December | 133.4 | n.p. | 23.7 | 35.7 | 25.3 | n.p. | 44.7 | 348.4 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 118.1 | n.p. | 15.2 | 25.3 | 16.4 | n.p. | 42.7 | 270.5 |
| February | 109.6 | n.p. | 14.1 | 25.3 | 16.9 | n.p. | 37.9 | r 251.5 |
| March | 121.1 | n.p. | 15.7 | 27.5 | 17.1 | n.p. | 41.6 | 277.4 |


|  | SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 ( 1 |  |  |  |  |  |  |  |  |
| January | 113.3 | n.p. | 15.9 | 24.4 | 17.7 | n.p. | 37.3 | 260.6 |
| February | 116.3 | n.p. | 17.0 | 25.6 | 17.4 | n.p. | 37.4 | 269.7 |
| March | 115.5 | n.p. | 15.4 | 24.4 | 17.4 | n.p. | 38.4 | 265.0 |
| April | 114.1 | n.p. | 17.1 | 24.0 | 16.6 | n.p. | 37.8 | 262.2 |
| May | 114.3 | n.p. | 17.2 | 23.8 | 16.4 | n.p. | 37.8 | 261.6 |
| June | 115.0 | n.p. | 16.7 | 23.7 | 17.1 | n.p. | 36.9 | 262.0 |
| July | 112.1 | n.p. | 15.4 | 28.1 | 14.8 | n.p. | 37.4 | 264.8 |
| August | 114.5 | n.p. | 15.4 | 24.7 | 16.0 | n.p. | 36.6 | 262.7 |
| September | 114.5 | n.p. | 18.4 | 25.5 | 15.8 | n.p. | 37.7 | 269.1 |
| October | 114.9 | n.p. | 16.0 | 24.7 | 16.8 | n.p. | 36.8 | 264.4 |
| November | 114.0 | n.p. | 17.2 | 24.7 | 16.4 | n.p. | 38.8 | 267.0 |
| December | 114.6 | n.p. | 15.8 | 24.9 | 16.4 | n.p. | 35.8 | 259.9 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 116.3 | n.p. | 16.3 | 30.8 | 16.0 | n.p. | 40.4 | 275.9 |
| February | 117.6 | n.p. | 16.7 | 30.9 | 16.8 | n.p. | 38.1 | 276.8 |
| March | 122.5 | n.p. | 16.1 | 29.6 | 17.7 | n.p. | 41.8 | 285.4 |


| TREND ESTIMATES (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |
| January | 115.7 | n.p. | 16.4 | 26.1 | 18.1 | n.p. | 37.6 | 267.7 |
| February | 115.0 | n.p. | 16.5 | 25.3 | 17.7 | n.p. | 37.5 | 265.5 |
| March | 114.6 | n.p. | 16.5 | 24.6 | 17.3 | n.p. | 37.6 | 263.9 |
| April | 114.4 | n.p. | 16.5 | 24.3 | 16.8 | n.p. | 37.7 | 263.0 |
| May | 114.3 | n.p. | 16.5 | 24.4 | 16.4 | n.p. | 37.6 | 262.7 |
| June | 114.1 | n.p. | 16.4 | 24.8 | 16.1 | n.p. | 37.4 | 263.1 |
| July | 113.9 | n.p. | 16.4 | 25.1 | 16.0 | n.p. | 37.2 | 263.6 |
| August | 113.9 | n.p. | 16.5 | 25.1 | 16.0 | n.p. | 37.1 | 264.0 |
| September | 113.9 | n.p. | 16.5 | 25.1 | 16.0 | n.p. | 37.1 | 264.4 |
| October | 114.2 | n.p. | 16.6 | 25.3 | 16.1 | n.p. | 37.3 | 265.1 |
| November | 114.7 | n.p. | 16.6 | 25.9 | 16.3 | n.p. | 37.6 | 266.6 |
| December | 115.6 | n.p. | 16.5 | 27.0 | 16.5 | n.p. | 38.1 | 269.1 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 116.8 | n.p. | 16.4 | 28.2 | 16.6 | n.p. | 38.8 | 272.4 |
| February | 118.1 | n.p. | 16.3 | 29.4 | 16.8 | n.p. | 39.4 | 276.1 |
| March | 119.4 | n.p. | 16.2 | 30.4 | 17.0 | n.p. | 40.0 | 279.5 |

(a) See paragraph 3 of the Explanatory Notes

|  |  |  | Clothing and | Household | Recreational |  | Hospitality |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Month | Food | Department | soft good | good | good | Other | and |
| retailing | stores | retailing | retailing | retailing | retailing | services |  |


| ORIGINAL (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |
| January | 53.6 | n.p. | 3.9 | 10.0 | 7.1 | n.p. | 17.1 | 106.8 |
| February | 49.9 | n.p. | 3.6 | 11.2 | 7.2 | n.p. | 16.1 | 102.6 |
| March | 53.9 | n.p. | 4.0 | 13.0 | 8.0 | n.p. | 17.5 | 112.8 |
| April | 55.9 | n.p. | 4.3 | 12.3 | 6.9 | n.p. | 18.3 | 116.9 |
| May | 58.8 | n.p. | 4.6 | 13.0 | 6.9 | n.p. | 20.8 | 123.1 |
| June | 57.7 | n.p. | 5.1 | 12.9 | 6.6 | n.p. | 21.0 | 123.1 |
| July | 64.2 | n.p. | 5.6 | 12.3 | 6.6 | n.p. | 23.8 | 134.2 |
| August | 63.1 | n.p. | 5.9 | 11.8 | 7.0 | n.p. | 25.3 | 136.2 |
| September | 59.3 | n.p. | 5.5 | 12.5 | 6.7 | n.p. | 23.6 | 129.1 |
| October | 64.6 | n.p. | 6.2 | 13.0 | 7.0 | n.p. | 24.1 | 137.5 |
| November | 58.1 | n.p. | 5.8 | 12.3 | 6.3 | n.p. | 21.1 | 124.5 |
| December | 64.7 | n.p. | 6.4 | 13.7 | 7.9 | n.p. | 21.9 | 144.1 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 56.6 | n.p. | 5.0 | 11.4 | 6.1 | n.p. | 17.9 | 118.2 |
| February | 55.0 | n.p. | 4.2 | 11.2 | 5.7 | n.p. | 15.9 | r 110.2 |
| March | 62.5 | n.p. | 4.8 | 12.2 | 6.3 | n.p. | 19.1 | 124.8 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |
| January | 57.8 | n.p. | 4.6 | 11.2 | 8.4 | n.p. | 19.5 | 119.3 |
| February | 56.9 | n.p. | 5.0 | 12.6 | 8.6 | n.p. | 19.3 | 120.5 |
| March | 56.0 | n.p. | 4.9 | 12.9 | 9.1 | n.p. | 19.2 | 120.9 |
| April | 57.7 | n.p. | 4.7 | 13.3 | 6.8 | n.p. | 19.7 | 123.0 |
| May | 58.9 | n.p. | 4.7 | 13.1 | 6.9 | n.p. | 20.7 | 124.0 |
| June | 57.4 | n.p. | 4.7 | 12.7 | 6.5 | n.p. | 20.2 | 122.7 |
| July | 59.2 | n.p. | 4.9 | 11.8 | 6.0 | n.p. | 20.5 | 122.8 |
| August | 60.0 | n.p. | 5.5 | 11.7 | 6.5 | n.p. | 22.9 | 128.0 |
| September | 57.3 | n.p. | 5.2 | 12.3 | 6.3 | n.p. | 22.0 | 124.2 |
| October | 62.0 | n.p. | 6.0 | 12.4 | 6.6 | n.p. | 22.3 | 131.0 |
| November | 59.4 | n.p. | 6.0 | 12.3 | 6.4 | n.p. | 22.2 | 126.6 |
| December | 60.1 | n.p. | 4.6 | 11.7 | 6.9 | n.p. | 21.2 | 125.1 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 61.7 | n.p. | 6.0 | 12.9 | 7.2 | n.p. | 20.5 | 133.6 |
| February | 62.9 | n.p. | 5.9 | 12.7 | 7.0 | n.p. | 19.1 | 129.4 |
| March | 64.2 | n.p. | 5.8 | 12.0 | 7.2 | n.p. | 20.7 | 132.3 |

## TREND ESTIMATES (\$ million)

|  |  |  |  | AT | million) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |
| January | 56.8 | n.p. | 5.1 | 12.0 | 8.5 | n.p. | 19.3 | 119.6 |
| February | (b) 57.0 | n.p. | 4.9 | 12.4 | 8.7 | n.p. | 19.4 | 120.3 |
| March | 57.2 | n.p. | 4.8 | 12.7 | 8.8 | n.p. | 19.5 | 121.2 |
| April | 57.5 | n.p. | 4.7 | 12.9 | (b)6.8 | n.p. | 19.8 | 122.1 |
| May | 57.9 | n.p. | 4.7 | 12.8 | 6.7 | n.p. | 20.2 | 123.0 |
| June | 58.3 | n.p. | 4.9 | 12.6 | 6.5 | n.p. | 20.7 | 123.8 |
| July | 58.7 | n.p. | 5.1 | 12.3 | 6.4 | n.p. | 21.3 | 124.7 |
| August | 59.1 | n.p. | 5.2 | 12.1 | 6.3 | n.p. | 21.8 | 125.5 |
| September | 59.4 | n.p. | 5.4 | 12.1 | 6.4 | n.p. | 22.1 | 126.4 |
| October | 59.7 | n.p. | 5.5 | 12.1 | 6.5 | n.p. | 22.1 | 127.2 |
| November | 60.3 | n.p. | 5.6 | 12.2 | 6.7 | n.p. | 21.7 | 128.0 |
| December | 61.0 | n.p. | 5.6 | 12.3 | 6.8 | n.p. | 21.2 | 128.8 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 61.7 | n.p. | 5.7 | 12.4 | 7.0 | n.p. | 20.7 | 129.7 |
| February | 62.5 | n.p. | 5.7 | 12.4 | 7.1 | n.p. | 20.2 | 130.6 |
| March | 63.3 | n.p. | 5.8 | 12.4 | 7.2 | n.p. | 19.9 | 131.7 |
| (a) See paragraph 3 of the Explanatory Notes |  |  |  | (b) Possible break in series. See paragraph 10 of the Explanatory Notes. |  |  |  |  |


|  |  |  | Clothing and | Household | Recreational |  | Hospitality |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Month | Food | Department | soft good | good | good |  |  |
| retailing | stores | retailing | retailing | retailing | Other | retailing | and |


| ORIGINAL (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 ( |  |  |  |  |  |  |  |  |
| January | 80.2 | 23.0 | 11.7 | 24.5 | 9.9 | 25.3 | 30.0 | 204.6 |
| February | 75.4 | 17.3 | 10.8 | 22.1 | 10.2 | 23.0 | 30.5 | 189.3 |
| March | 81.5 | 19.8 | 11.7 | 23.9 | 12.6 | 23.1 | 33.2 | 205.9 |
| April | 79.6 | 24.8 | 13.6 | 22.6 | 11.3 | 23.3 | 36.5 | 211.8 |
| May | 81.5 | 24.5 | 15.1 | 23.9 | 12.2 | 24.7 | 37.0 | 218.9 |
| June | 77.3 | 20.3 | 13.4 | 22.5 | 12.3 | 23.7 | 35.4 | 204.8 |
| July | 82.8 | 27.2 | 15.4 | 26.0 | 12.2 | 26.5 | 34.5 | 224.5 |
| August | 80.0 | 19.8 | 13.0 | 24.5 | 11.7 | 26.6 | 35.4 | 211.0 |
| September | 79.7 | 21.5 | 13.8 | 25.7 | 12.5 | 26.0 | 36.9 | 216.1 |
| October | 83.4 | 23.9 | 14.2 | 26.7 | 13.0 | 28.5 | 39.5 | 229.3 |
| November | 79.9 | 25.8 | 14.1 | 27.0 | 14.1 | 27.0 | 37.5 | 225.4 |
| December | r 91.4 | 46.8 | 22.1 | 35.8 | 21.0 | 35.8 | 40.2 | r 293.2 |
| 1999 |  |  |  |  |  |  |  |  |
| January | r 82.3 | 24.6 | 13.4 | 26.5 | 12.9 | 20.4 | 33.5 | r 213.5 |
| February | r 77.7 | 17.0 | 12.1 | 24.6 | 14.1 | r 22.0 | 32.9 | r 200.4 |
| March | 85.9 | 21.3 | 13.9 | 28.4 | 17.1 | 24.8 | 37.9 | 229.2 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |
| January | 80.2 | 26.3 | 12.7 | 25.0 | 11.1 | 27.6 | 32.5 | 215.5 |
| February | 80.9 | 23.6 | 13.7 | 25.2 | 11.7 | 28.4 | 34.4 | 217.9 |
| March | 81.6 | 23.4 | 12.8 | 25.0 | 12.8 | 25.6 | 33.4 | 214.8 |
| April | 81.7 | 24.1 | 12.9 | 24.5 | 12.3 | 25.0 | 36.1 | 216.6 |
| May | 80.6 | 24.3 | 13.6 | 25.3 | 12.6 | 25.1 | 36.1 | 217.6 |
| June | 81.5 | 22.0 | 13.2 | 24.2 | 13.0 | 25.7 | 37.3 | 216.8 |
| July | 83.2 | 29.3 | 15.5 | 25.5 | 12.3 | 29.1 | 32.6 | 227.5 |
| August | 79.2 | 23.3 | 14.8 | 26.1 | 12.3 | 27.4 | 35.3 | 218.6 |
| September | 83.1 | 24.7 | 14.3 | 27.2 | 13.2 | 25.7 | 36.7 | 224.9 |
| October | 79.7 | 23.9 | 14.7 | 25.8 | 13.8 | 26.3 | 37.5 | 221.8 |
| November | 79.2 | 25.0 | 14.9 | 25.4 | 13.2 | 24.7 | 36.7 | 219.1 |
| December | 81.1 | 23.9 | 15.0 | 25.3 | 13.8 | 24.8 | 37.9 | 221.8 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 83.4 | 28.9 | 14.6 | 27.4 | 14.6 | 22.4 | 36.6 | 227.8 |
| February | 83.5 | 23.2 | 15.4 | 28.2 | 16.2 | 27.1 | 37.2 | 230.8 |
| March | 85.5 | 25.2 | 15.2 | 29.0 | 17.2 | 27.3 | 38.4 | 237.8 |

TREND ESTIMATES (\$ million)

| 1998 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January | 80.9 | 24.2 | 13.5 | 25.9 | 12.0 | 24.9 | 33.2 | 215.5 |
| February | 81.0 | 24.1 | 13.2 | 25.4 | 12.1 | 25.3 | 33.9 | 216.0 |
| March | 81.2 | 24.0 | 13.1 | 24.9 | 12.2 | 25.5 | 34.5 | 216.3 |
| April | 81.3 | 24.1 | 13.2 | 24.7 | 12.4 | 25.7 | 35.1 | 217.1 |
| May | 81.5 | 24.3 | 13.5 | 24.8 | 12.5 | 26.0 | 35.4 | 218.3 |
| June | 81.6 | 24.5 | 13.9 | 25.1 | 12.6 | 26.4 | 35.5 | 219.8 |
| July | 81.4 | 24.7 | 14.3 | 25.5 | 12.7 | 26.9 | 35.6 | 221.0 |
| August | 81.1 | 24.8 | 14.6 | 25.8 | 12.8 | 26.9 | 35.8 | 221.7 |
| September | 80.8 | 24.8 | 14.8 | 25.9 | 12.9 | 26.4 | 36.1 | 221.7 |
| October | 80.6 | 24.8 | 14.8 | 26.0 | 13.2 | 25.7 | 36.6 | 221.7 |
| November | 80.9 | 24.9 | 14.8 | 26.1 | 13.7 | 25.1 | 37.0 | 222.6 |
| December | 81.6 | 25.1 | 14.9 | 26.5 | 14.3 | 24.9 | 37.3 | 224.4 |
| 1999 |  |  |  |  |  |  |  |  |
| January | 82.5 | 25.3 | 15.0 | 27.0 | 15.0 | 25.0 | 37.5 | 227.2 |
| February | 83.5 | 25.4 | 15.1 | 27.6 | 15.7 | 25.4 | 37.6 | 230.4 |
| March | 84.2 | 25.4 | 15.2 | 28.2 | 16.3 | 25.9 | 37.7 | 233.4 |

(a) See paragraph 3 of the Explanatory Notes

QUARTERLY TURNOVER, Chain Volume Measures(a) by Industry Group(b): All series

Food Department
Quarter retailing gores good retailing good retailing good retailing retailing services Total

| ORIGINAL (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997 |  |  |  |  |  |  |  |  |
| December | 14145.5 | 3949.0 | 2499.5 | 4456.3 | 2196.4 | 3997.9 | 5913.4 | 37157.9 |
| 1998 |  |  |  |  |  |  |  |  |
| March | 13298.3 | 2445.3 | 1932.3 | 3640.5 | 1733.2 | 3164.8 | 5298.9 | 31513.2 |
| June | 13132.0 | 2803.4 | 2258.9 | 3637.2 | 1696.9 | 3289.9 | 5454.9 | 32273.2 |
| September | 13277.6 | 2860.0 | 2265.9 | 3663.9 | 1809.5 | 3422.2 | 5693.8 | 32992.9 |
| December | 14426.6 | 4138.8 | 2784.6 | 4205.9 | 2239.4 | 4136.9 | 6295.9 | 38228.1 |
| 1999 |  |  |  |  |  |  |  |  |
| March | 13592.8 | 2603.9 | 2201.2 | 3763.8 | 1816.2 | 3369.0 | 6001.2 | 33348.1 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997 |  |  |  |  |  |  |  |  |
| December | 13334.9 | 2981.8 | 2179.9 | 3934.5 | 1868.0 | 3385.1 | 5502.2 | 33186.4 |
| 1998 |  |  |  |  |  |  |  |  |
| March | 13538.7 | 2987.8 | 2165.9 | 3875.9 | 1852.5 | 3493.2 | 5442.8 | 33356.7 |
| June | 13477.2 | 2965.6 | 2251.1 | 3804.4 | 1834.3 | 3519.8 | 5613.7 | 33466.2 |
| September | 13491.1 | 3139.1 | 2384.1 | 3764.5 | 1882.3 | 3473.1 | 5802.9 | 33937.1 |
| December | 13557.4 | 3091.8 | 2421.3 | 3727.6 | 1903.4 | 3530.5 | 5877.9 | 34109.8 |
| 1999 |  |  |  |  |  |  |  |  |
| March | 13875.5 | 3218.0 | 2472.4 | 4001.4 | 1943.1 | 3707.0 | 6154.4 | 35371.8 |

TREND ESTIMATES (\$ million)

| 1997 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 13373.1 | 2976.8 | 2152.4 | 3902.8 | 1863.3 | 3419.6 | 5488.8 | 33177.7 |
| 1998 |  |  |  |  |  |  |  |  |
| March | 13472.7 | 2992.2 | 2194.2 | 3877.0 | 1852.1 | 3468.7 | 5511.3 | 33367.4 |
| June | 13484.3 | 3013.9 | 2265.4 | 3800.0 | 1851.4 | 3489.1 | 5600.5 | 33504.6 |
| September | 13523.2 | 3074.9 | 2352.1 | 3771.5 | 1874.1 | 3512.8 | 5765.6 | 33870.3 |
| December | 13624.1 | 3138.6 | 2426.6 | 3813.8 | 1906.5 | 3565.1 | 5938.8 | 34411.5 |
| 1999 |  |  |  |  |  |  |  |  |
| March | 13762.8 | 3191.7 | 2472.5 | 3893.4 | 1935.6 | 3634.2 | 6080.2 | 35015.3 |


| 1997 ORIGINAL (\% change from preceding qua |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997 |  |  |  |  |  |  |  |  |
| December | 8.4 | 43.7 | 23.1 | 18.1 | 22.3 | 20.8 | 8.8 | 15.6 |
| 1998 |  |  |  |  |  |  |  |  |
| March | -6.0 | -38.1 | -22.7 | -18.3 | -21.1 | -20.8 | -10.4 | -15.2 |
| June | -1.3 | 14.6 | 16.9 | -0.1 | -2.1 | 4.0 | 2.9 | 2.4 |
| September | 1.1 | 2.0 | 0.3 | 0.7 | 6.6 | 4.0 | 4.4 | 2.2 |
| December | 8.7 | 44.7 | 22.9 | 14.8 | 23.8 | 20.9 | 10.6 | 15.9 |
| 1999 |  |  |  |  |  |  |  |  |
| March | -5.8 | -37.1 | -20.9 | -10.5 | -18.9 | -18.6 | -4.7 | -12.8 |

SEASONALLY ADJUSTED (\% change from preceding quarter)

## 1997

| December | 0.5 | -1.0 | 2.6 | 1.1 | 0.0 | 0.6 | -0.7 | 0.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |
| March | 1.5 | 0.2 | -0.6 | -1.5 | -0.8 | 3.2 | -1.1 | 0.5 |
| June | -0.5 | -0.7 | 3.9 | -1.8 | -1.0 | 0.8 | 3.1 | 0.3 |
| September | 0.1 | 5.8 | 5.9 | -1.1 | 2.6 | -1.3 | 3.4 | 1.4 |
| December | 0.5 | -1.5 | 1.6 | -1.0 | 1.1 | 1.7 | 1.3 | 0.5 |
| 1999 |  |  |  |  |  |  |  |  |
| March | 2.3 | 4.1 | 2.1 | 7.3 | 2.1 | 5.0 | 4.7 | 3.7 |

TREND ESTIMATES (\% change from preceding quarter)

## 1997

| December | 1.1 | 0.7 | 1.2 | 0.0 | 0.1 | 1.7 | -0.2 | 0.7 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{9 9 8}$ | 0.7 | 0.5 | 1.9 | -0.7 | -0.6 | 1.4 | 0.4 | 0.6 |
| March | 0.1 | 0.7 | 3.2 | -2.0 | 0.0 | 0.6 | 1.6 | 0.4 |
| June | 0.3 | 2.0 | 3.8 | -0.7 | 1.2 | 0.7 | 2.9 | 1.1 |
| September | 0.7 | 2.1 | 3.2 | 1.1 | 1.7 | 1.5 | 3.0 | 1.6 |
| December | 1.0 | 1.7 | 1.9 | 2.1 | 1.5 | 1.9 | 2.4 | 1.8 |

(a) See paragraph 11 of the Explanatory Notes.
(b) See paragraph 3 of the Explanatory Notes.

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QUARTERLY TURNOVER, Chain Volume Measures(a) by State: All series


| Quarter | New South <br> Wales | Victoria | Queens/and | South Australia | Western Australia | Tasmania | Northern Territory | Australian <br> Capital Territory | Australia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ORIGINAL (\$ million) |  |  |  |  |  |  |  |  |
| 1997 |  |  |  |  |  |  |  |  |  |
| December | 13187.3 | 8722.2 | 6728.4 | 2749.0 | 3771.3 | 908.0 | 373.2 | 718.6 | 37157.9 |
| 1998 |  |  |  |  |  |  |  |  |  |
| March | 11189.7 | 7290.7 | 5784.4 | 2381.5 | 3201.3 | 759.0 | 316.2 | 590.3 | 31513.2 |
| June | 11309.2 | 7499.8 | 6017.4 | 2479.7 | 3237.3 | 755.2 | 355.4 | 619.2 | 32273.2 |
| September | 11407.6 | 7783.4 | 6263.8 | 2482.6 | 3289.8 | 741.6 | 389.9 | 634.1 | 32992.9 |
| December | 13228.6 | 9188.4 | 7042.0 | 2898.2 | 3875.8 | 873.0 | 396.6 | 725.6 | 38228.1 |
| 1999 |  |  |  |  |  |  |  |  |  |
| March | 11597.1 | 7981.0 | 6204.1 | 2471.7 | 3343.6 | 782.9 | 345.1 | 622.5 | 33348.1 |
| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |  |
| 1997 |  |  |  |  |  |  |  |  |  |
| December | 11789.8 | 7752.8 | 6040.8 | 2437.2 | 3363.1 | 814.5 | 350.9 | 637.3 | 33186.4 |
| 1998 |  |  |  |  |  |  |  |  |  |
| March | 11822.6 | 7700.4 | 6144.8 | 2532.2 | 3373.7 | 791.2 | 353.9 | 637.8 | 33356.7 |
| June | 11735.0 | 7750.3 | 6275.3 | 2559.4 | 3370.8 | 778.2 | 362.7 | 634.5 | 33466.2 |
| September | 11725.1 | 8099.9 | 6348.8 | 2565.4 | 3398.1 | 782.4 | 366.1 | 651.2 | 33937.1 |
| December | 11818.7 | 8148.1 | 6350.9 | 2558.6 | 3444.5 | 775.6 | 372.4 | 640.9 | 34109.8 |
| 1999 |  |  |  |  |  |  |  |  |  |
| March | 12255.9 | 8434.5 | 6629.7 | 2635.4 | 3535.6 | 821.3 | 385.9 | 673.4 | 35371.8 |

TREND ESTIMATES (\$ million)

| 1997 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 11788.1 | 7710.5 | 6058.8 | 2462.8 | 3362.5 | 806.4 | 351.6 | 637.1 | 33177.7 |
| 1998 |  |  |  |  |  |  |  |  |  |
| March | 11793.7 | 7736.7 | 6160.1 | 2516.5 | 3370.1 | 796.2 | 355.8 | 638.9 | 33367.4 |
| June | 11734.6 | 7822.7 | 6244.3 | 2549.1 | 3374.3 | 780.9 | 360.3 | 638.5 | 33504.6 |
| September | 11768.1 | 8008.1 | 6333.3 | 2566.4 | 3405.3 | 779.5 | 367.0 | 643.8 | 33870.3 |
| December | 11909.5 | 8211.9 | 6434.3 | 2583.7 | 3455.3 | 790.0 | 374.7 | 652.9 | 34411.5 |
| 1999 |  |  |  |  |  |  |  |  |  |
| March | 12108.9 | 8376.3 | 6543.7 | 2609.0 | 3511.3 | 805.5 | 382.2 | 663.8 | 35015.3 |


| ORIGINAL (\% change from previous quarter) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997 |  |  |  |  |  |  |  |  |  |
| December | 15.6 | 17.5 | 13.4 | 17.0 | 15.7 | 17.7 | -0.1 | 16.0 | 15.6 |
| 1998 |  |  |  |  |  |  |  |  |  |
| March | -15.1 | -16.4 | -14.0 | -13.4 | -15.1 | -16.4 | -15.3 | -17.8 | -15.2 |
| June | 1.1 | 2.9 | 4.0 | 4.1 | 1.1 | -0.5 | 12.4 | 4.9 | 2.4 |
| September | 0.9 | 3.8 | 4.1 | 0.1 | 1.6 | -1.8 | 9.7 | 2.4 | 2.2 |
| December | 16.0 | 18.1 | 12.4 | 16.7 | 17.8 | 17.7 | 1.7 | 14.4 | 15.9 |
| 1999 |  |  |  |  |  |  |  |  |  |
| March | -12.3 | -13.1 | -11.9 | -14.7 | -13.7 | -10.3 | -13.0 | -14.2 | -12.8 |

SEASONALLY ADJUSTED (\% change from previous quarter)

## 1997

| December | 0.4 | 0.3 | 0.6 | 0.3 | 0.0 | 0.6 | -0.1 | -0.1 | 0.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998 |  |  |  |  |  |  |  |  |  |
| March | 0.3 | -0.7 | 1.7 | 3.9 | 0.3 | -2.9 | 0.9 | 0.1 | 0.5 |
| June | -0.7 | 0.6 | 2.1 | 1.1 | -0.1 | -1.6 | 2.5 | -0.5 | 0.3 |
| September | -0.1 | 4.5 | 1.2 | 0.2 | 0.8 | 0.5 | 0.9 | 2.6 | 1.4 |
| December | 0.8 | 0.6 | 0.0 | -0.3 | 1.4 | -0.9 | 1.7 | -1.6 | 0.5 |
| 1999 |  |  |  |  |  |  |  |  |  |
| March | 3.7 | 3.5 | 4.4 | 3.0 | 2.6 | 5.9 | 3.6 | 5.1 | 3.7 |

TREND ESTIMATES (\% change from previous quarter)

## 1997

| December | 0.7 | 0.1 | 1.4 | 2.1 | 0.2 | 0.3 | 1.2 | 1.1 | 0.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 998 |  |  |  |  |  |  |  |  |  |
| March | 0.0 | 0.3 | 1.7 | 2.2 | 0.2 | -1.3 | 1.2 | 0.3 | 0.6 |
| June | -0.5 | 1.1 | 1.4 | 1.3 | 0.1 | -1.9 | 1.3 | -0.1 | 0.4 |
| September | 0.3 | 2.4 | 1.4 | 0.7 | 0.9 | -0.2 | 1.9 | 0.8 | 1.1 |
| December | 1.2 | 2.5 | 1.6 | 0.7 | 1.5 | 1.3 | 2.1 | 1.4 | 1.6 |
| 999 |  |  |  |  |  |  |  |  |  |
| March | 1.7 | 2.0 | 1.7 | 1.0 | 1.6 | 2.0 | 2.0 | 1.7 | 1.8 |

(a) Reference year for chain volume measures is 1996-97. See paragraph 11 of the Explanatory Notes.

## EXPLANATORYNOTES

| INTRODUCTION | 1 This publication presents monthly estimates of the value of turnover of retail businesses classified by industry, and by State. The principal objective of the Retail Trade survey is to show month to month movement of retail turnover. <br> 2 Estimates of turnover contained in this publication are based on a survey of about 7,000 retail and selected service businesses (covering 20,000 outlets). All 'large' businesses are included in the survey, while a sample of about 4,400 'smaller' businesses is selected. The 'large' business' contribution of approximately $54 \%$ of the total estimate ensures a highly reliable Australian total turnover estimate. |
| :---: | :---: |
| Scope and coverage | 3 The Retail Trade survey covers all employing businesses, with at least one retail establishment. The scope of the survey (classified according to the Australian and New Zealand Standard Industrial Classification [ANZSIC]) is detailed below: |
|  | - Food Retailing |
|  | Supermarkets and grocery stores (5110) and non-petrol sales of identified convenience stores of petrol stations |
|  | Takeaway food retailing (5125) |
|  | Other food retailing |
|  | Fresh meat, fish and poultry retailing (5121) |
|  | Fruit and vegetable retailing (5122) |
|  | Liquor retailing (5123) |
|  | Bread and cake retailing (5124) |
|  | Specialised food retailing n.e.c. (5129) |
|  | - Department Stores (5210) |
|  | - Clothing and Soft Good Retailing |
|  | Clothing retailing (5221) |
|  | Other clothing related retailing |
|  | Footwear retailing (5222) |
|  | Fabric and other soft good retailing (5223) |
|  | - Household Good Retailing |
|  | Furniture and floorcovering retailing |
|  | Furniture retailing (5231) |
|  | Floor covering retailing (5232) |
|  | Domestic hardware and houseware retailing (5233) |
|  | Domestic appliance retailing |
|  | Domestic appliance retailing (5234) |
|  | Recorded music retailing (5235) |
|  | - Recreational Good Retailing |
|  | Newspaper, book and stationery retailing (5243) |
|  | Other recreational good retailing |
|  | Sport and camping equipment retailing (5241) |
|  | Toy and game retailing (5242) |
|  | Photographic equipment retailing (5244) |
|  | - Other Retailing |
|  | Pharmaceutical, cosmetic and toiletry retailing (5251) |
|  | Other retailing |
|  | Antique and used good retailing (5252) |
|  | Garden supplies retailing (5253) |
|  | Flower retailing (5254) |
|  | Watch and jewellery retailing (5255) |
|  | Retailing n.e.c. (5259) |

## SCOPE AND COVERAGE continued

DEFINITION OF TURNOVER

## SEASONAL ADJUSTMENT

4 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.) and net takings from gaming machines etc.

5 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.
6 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). There is some evidence suggesting possible changes in retail trading patterns, including increased activity on weekends and public holidays. The impact of these changes on the seasonal pattern and trading day component of the data is being investigated and can only be confirmed once sufficient data becomes available. While these changes may impact on the unadjusted and seasonally adjusted data, the trend estimate is less likely to be affected. Further, the seasonal adjustment does not remove from the series the effect of irregular influences (e.g. abnormal weather, industrial disputes). The seasonally adjusted estimates still reflect the sampling and non-sampling errors to which the original estimates are subject.

7 The State component series have been seasonally adjusted independently. Therefore, the adjusted components may not add to the Australian Group totals.
8 As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's data. For Retail Trade, the results of the latest review are shown in the July issue each year.

9 Most monthly trend estimates in this publication have been obtained by smoothing the seasonally adjusted series using a centred 13-term Henderson weighted moving average (7-term for quarterly series). However, to estimate the last six monthly trend values (or the last three quarters) a set of asymmetric moving averages have been designed to reduce a small bias associated with estimating these recent values when the trend growth is increasing or decreasing. Overall, revision to the estimates should be reduced, however, there may be a greater revision to the estimates whenever there are large irregular movements in the seasonally adjusted series.
10 For further information, see A Guide to Interpreting Time Series-Monitoring 'Trends': an Overview (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on (02) 62526345 .

CHAIN VOLUME MEASURES 11 The chain volume measures of retail turnover appearing in the quarterly issue of this publication are annually reweighted chain Laspeyres indexes referenced to current price values in a chosen reference year (currently 1996-1997). The reference year will be updated in the June quarter publication each year. Each year's data in the Retail chain volume series are based on the prices of the previous year, except for the quarters of the latest incomplete year (i.e. for the 1998-1999 financial year) which are based upon the 1996-1997 financial year. Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series.

12 There are two types of error possible in estimates of retail turnover:
Sampling error which occurs because a sample, rather than the entire population, is surveyed. One measure of the likely difference resulting from not including all establishments in the survey is given by the standard error, see below.

Non sampling error which arises from inaccuracies in collecting, recording and processing the data. The most significant of these errors are: misreporting of data items; deficiencies in coverage; non-response; and processing errors. Every effort is made to minimise reporting error by the careful design of questionnaires, intensive training and supervision of interviewers, and efficient data processing procedures.

13 Seasonally adjusted and trend estimates and chain volume measures are also subject to sampling variability. For seasonally adjusted estimates, the standard errors are approximately the same as for the original estimates. For trend estimates, the standard errors are likely to be smaller. For chain volume measures, the standard errors may be up to $10 \%$ 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.

14 To assist users in assessing the reliability of estimates, each data series has been given a grading of A to D . Where:

- A represents a relative standard error on level of less than $2 \%$. The published estimates are highly reliable for movement analysis;
- B represents a relative standard error on level between 2 and 5\%, meaning the estimate is reliable for movement analysis purposes;
- C represents a relative standard error on level between 5 and $10 \%$, meaning users are advised to exercise some caution in interpreting movements for such series; and
- D represents a relative standard error on level greater than $10 \%$ (mainly affects unpublished state by industry series).

15 The table below provides an indicator of reliability for key retail turnover estimates.

|  | Food retailing | Department stores | $\begin{aligned} & \text { Clothing } \\ & \text { and } \\ & \text { soft good } \\ & \text { retailing } \end{aligned}$ | Household good retailing | Recreationa good retailing | Other retailing | Hospitality and services | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSW | B | A | B | C | C | C | C | A |
| Vic | B | A | B | C | C | C | C | A |
| Qld | B | A | B | C | C | C | C | A |
| SA | B | A | B | C | C | C | C | A |
| WA | B | A | B | C | C | C | C | A |
| Tas | B | n.p. | B | c | c | n.p. | C | B |
| NT | B | n.p. | B | C | C | n.p. | C | B |
| ACT | B | A | B | C | C | C | C | A |
| Australia | A | A | A | B | B | B | B | A |

## EXPLANATORYNOTES

| IMPROVEMENTS TO COVERAGE | 16 The Retail Trade survey, like most ABS economic surveys, takes its frame (i.e. the retail business population) from the ABS Business Register. The frame is updated quarterly to take account of new businesses, cessations and other general business changes. The Business Register primarily sources its information about new businesses from those businesses applying for group employer (GE) registration with the Australian Taxation Office (ATO). |
| :---: | :---: |
| BACKCASTING OF SERIES | 17 Improvements to coverage were undertaken and introduced to the retail trade series from the July 1997 issue. The series was backcast to 1982. <br> 18 The improvements focused on accounting for the impact of businesses known to be missing from the Business Register, and the inclusion of an allowance for the time it takes for a newly registered business to get on to a survey frame. |
| FURTHER INFORMATION | 19 For more information on these adjustments see any one of the July to October 1997 issues of this publication, or the ABS Information paper-Improvements to ABS Economic Statistics 1997 (Cat. no. 1357.0). |
| UNPUBLISHED DATA | 20 The Retail Survey Special Data Service provides additional retail trade statistics which include further State industry dissections through to 'top ten' industry reports. For more information, contact the Retail Trade Special Data Services manager on (02) 62525220. |
| RELATED PUBLICATIONS | 21 Current publications produced by the ABS are listed in the Catalogue of Publications and Products, Australia (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a Release Advice (Cat. no. 1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office. |
| SYMBOLS AND OTHER USAGES | $\begin{array}{ll}\text { n.p. } & \text { not available for publication, but included in totals where applicable } \\ \text { r } & \text { revised }\end{array}$ |

## SELF-HELP ACCESS TO STATISTICS

DIAL-A-STATISTIC For current and historical Consumer Price Index data, call 1902981074.
For the latest figures for National Accounts, Balance of Payments, Labour Force, Average Weekly Earnings,
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| Adelaide | 0882377400 | 0882377566 |  |
| Hobart | 0362225800 | 0362225995 |  |
| Darwin | 0889432111 | 0889811218 |  |


[^0]:    W. McLennan

    Australian Statistician

[^1]:    (a) See paragraph 3 of the Explanatory Notes

