
(a) Refer to Appendix.


- For further information about these and related statistics, contact Graham Phillips on 026252 5625, or the National Information Service on 1300135070.


## DECEMBER KEY FIGURES

TREND ESTIMATES

| Turnover at current prices | Nov 2000 | Dec 2000 | \% change |
| :---: | ---: | ---: | ---: |
| (\$ millions) | 12720.0 | 12747.5 | 0.2 |

## SEASONALLY ADJUSTED ESTIMATES

| Turnover at current prices | Nov 2000 | Dec 2000 | \% change |
| :---: | ---: | ---: | ---: |
| (\$ millions) | 12680.7 | 12778.9 | 0.8 |
|  | Dec 1999 | Dec 2000 | \% change |
|  | 12227.7 | 12778.9 | 4.5 |
| Turnover, in volume terms | Sep 2000 | Dec 2000 | \% change |
|  | qtr qtr | qtr qtr |  |
| (reference year 1998-99 in \$ millions) | 35843.3 | 36471.8 | 1.8 |

## D ECEMBERKEY POINTS

## TREND ESTIMATES

- Reintroduction of current price trend estimates. Trend estimates from July 2000 have been reintroduced in this issue. Refer to the Appendix, "Impact of The New Tax System on the Retail Trade Trend Series", on page 27.
- The trend estimate of turnover for the Australian Retail and Hospitality/Services series recorded an increase of $0.2 \%$ for December 2000; the fifth consecutive month of growth since the break in the series in July 2000.
- The largest trend increases were recorded in South Australia, the Australian Capital Territory and Victoria.
- The Food retailing, Clothing and soft good retailing and Other retailing industries recorded increases in the trend estimate in each of the five months since July 2000.


## SEASONALLYADJUSTED

- The seasonally adjusted estimate of turnover for the Australian Retail and Hospitality/Services series rose by $0.8 \%$ in December 2000 over November 2000. This follows revised decreases in November ( $-0.2 \%$ ) and October ( $-0.6 \%$ ).


## ORIGINALESTIMATES

- In original terms, Australian turnover increased by 3.4\% in December 2000 over December 1999. For this period, chains and other large retailers increased by $5.4 \%$, while small retailers increased by $0.6 \%$.


## VOLUME MEASURES

- The trend volume measure of turnover rose by $0.2 \%$ in the December quarter 2000. This follows increases of $0.2 \%$ in the September quarter and $0.1 \%$ in the June quarter 2000.

FORTHCOMING ISSUES

CHANGES IN THIS ISSUE

SAMPLING ERRORS

TREND REVISIONS


ISSUE
January 2001
February 2001
March 2001

RELEASE DATE
5 March 2001
2 April 2001
7 May 2001

Current price trend estimates have been reintroduced from July 2000. This has resulted in revisions to the current price seasonally adjusted series and the chain volume seasonally adjusted and trend series. Refer to the Appendix, "Impact of The New Tax System on the Retail Trade Trend Series", on page 27. Quarterly chain volume data are shown in Tables 14 and 15 of this issue.

Standard errors for the Australian estimates (original data) for December 2000 contained in this publication are:

| DATA SERIES | ESTIMATE | STANDARD ERROR |
| :--- | ---: | :---: |
| Level of retail turnover $(\$ \mathrm{~m})$ | 16700.5 | 141.3 |
| Change from November to December $(\$ \mathrm{~m})$ | 3518.3 | 51.4 |
| \% change from November to December | 26.7 | 0.4 |

For more information see the Explanatory notes, paragraphs 17-20, or contact Graham Phillips on 0262525625.

With the introduction of concurrent seasonal adjustment the trend 'What if ?' analysis has been replaced with a trend revisions analysis. Trend estimates can be revised as a result of revisions to the original and seasonally adjusted estimates, and due to the trending methodology itself. The extent of revisions to the trend series that have occurred due to the seasonal adjustment and trending methodologies can be used to assess the likely extent of revisions to the series. The graph below presents the expected range within which, based on past performance of the series, it is expected that the final trend estimates will fall around $90 \%$ of the time.


Dennis Trewin
Australian Statistician

## STATE TRENDS

## MONTHLY SEASONALLY ADJUSTED AND TREND(a) ESTIMATES

NEW SOUTH WALES


The trend estimate fell $0.2 \%$ in December 2000 following flat growth for the previous four months. The largest falls were in the Hospitality/services and Department store industries.

The trend estimate rose by $0.7 \%$ for December 2000, the fifth consecutive month of growth. All industries except Recreational good retailing and Hospitality/services recorded increases.

After four months of moderate trend growth, Queensland recorded weak growth in December 2000. All industries recorded increases except Department stores and Household good retailing.

There has been moderate to strong growth in the trend for the last five months. All industries recorded increases in December 2000 except Recreational good retailing.

In December 2000, the trend estimate decreased by $0.4 \%$. All industries except for Clothing and soft good retailing and Hospitality and services recorded declines.

The trend estimate rose for the fifth month in a row. For December 2000, the largest increases were recorded in the Food retailing and Clothing and soft good retailing industries.
(a) A break in the trend series occurred between June and July 2000 because of the impact of The New Tax System on Retail turnover. Refer to the Appendix.

## MONTHLY SEASONALLY ADJUSTED AND TREND(a) ESTIMATES

FOOD RETAILING

DEPARTMENT STORES


CLOTHING AND SOFT GOOD RETAILING


HOUSEHOLD GOOD RETAILING

(a) A break in the trend series occurred between June and July 2000 because of the impact of The New Tax System on Retail turnover. Refer to the Appendix.

Excluding July 2000, the trend for Food retailing has increased each month by $0.1 \%$ or $0.2 \%$ since April 2000. In recent months, the largest percentage increases were recorded in Tasmania and Victoria while New South Wales and Western Australia recorded flat growth.

The trend growth rate for Department stores has been in decline for five months. Only Victoria recorded growth in each of these months. In December 2000, growth was also recorded in the Australian Capital Territory and South Australia.

The Clothing and soft good retailing industry recorded its fifth consecutive month of strong trend growth following several months of decline. All states except New South Wales and Tasmania recorded strong growth.

The trend estimate for Household good retailing was flat for December 2000. Increases were recorded in New South Wales, Victoria and South Australia. This was offset by flat or decreased growth for the other states and territories.

## INDUSTRY TRENDS continued

## MONTHLY SEASONALLY ADJUSTED AND TREND(a) ESTIMATES



OTHER RETAILING

(a) A break in the trend series occurred between June and July 2000 because of the impact of The New Tax System on Retail turnover. Refer to the Appendix.


Recreational good retailing recorded its fifth consecutive monthly decline in trend growth in December 2000. Only Queensland and the Northern Territory recorded increases in December.

For the fifth month in a row, the trend estimate recorded strong growth. Victoria, Queensland, South Australia and the Australian Capital Territory recorded strong growth in each of the five months.

In recent months, the increase in the trend estimate for Total retail (excluding Hospitality and services) has been slightly greater than that recorded for Total industries (including the Hospitality and services group).

The trend estimate fell by $0.3 \%$ in December 2000. Decreases were recorded in New South Wales and Victoria, whilst Queensland was flat. All other states and territories recorded a rise. The largest percentage increases were recorded in the two territories.


SEASONALLY ADJUSTED (\$ million)

| 1999 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| October | 4904.2 | 1077.6 | 839.2 | 1429.3 | 603.1 | 1272.9 | 2089.5 | 12215.8 |
| November | 4950.8 | 1083.1 | 859.4 | 1409.8 | 607.3 | 1293.6 | 2101.3 | 12305.4 |
| December | 4932.4 | 1075.5 | 839.7 | 1383.2 | 599.3 | 1299.3 | 2098.2 | 12227.7 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 4841.5 | 1056.1 | 833.2 | 1407.3 | 595.6 | 1255.2 | 2079.9 | 12068.8 |
| February | 4846.4 | 1068.3 | 786.6 | 1444.3 | 609.3 | 1250.4 | 2127.6 | 12132.8 |
| March | 4885.7 | 1072.7 | 827.3 | 1420.8 | 607.6 | 1290.7 | 2131.2 | 12236.0 |
| April | 4896.8 | 1097.3 | 801.6 | 1413.5 | 602.4 | 1302.1 | 2063.3 | 12177.0 |
| May | 4882.8 | 1089.8 | 838.3 | 1463.2 | 606.7 | 1317.7 | 2065.4 | 12263.8 |
| June | 4964.2 | 1309.2 | 1001.7 | 1791.0 | 610.0 | 1395.7 | 2107.8 | 13179.6 |
| July | 4987.4 | 878.9 | 715.6 | 1390.0 | 601.1 | 1264.2 | 2166.8 | 12003.9 |
| August | 5042.1 | 1122.8 | 799.9 | 1489.2 | 601.0 | 1311.2 | 2262.4 | 12628.6 |
| September | 5048.7 | 1091.7 | 877.5 | 1477.6 | 602.2 | 1369.2 | 2323.1 | 12789.9 |
| October | 5057.0 | 1103.5 | 821.1 | 1478.5 | 592.3 | 1400.8 | 2258.7 | 12711.9 |
| November | 5044.2 | 1071.7 | 845.2 | 1489.1 | 592.7 | 1396.3 | 2241.5 | 12680.7 |
| December | 5093.5 | 1119.2 | 877.3 | 1476.9 | 586.0 | 1413.2 | 2212.8 | 12778.9 |

TREND ESTIMATES (\$ million)

| 1999 |  | TREND ESTIMATES |  |  |
| :--- | :--- | :--- | :--- | :--- |
| October | 4915.2 | 1073.3 | 844.1 | 1404.3 |
| November | 4912.1 | 1074.2 | 845.7 | 1411.0 |
| December | 4900.6 | 1072.7 | 843.0 | 1414.2 |
| 2000 |  |  |  |  |
| January | 4887.4 | 1071.5 | 836.7 | 1414.8 |
| February | 4878.3 | 1072.9 | 828.8 | 1414.7 |
| March | 4876.3 | 1077.3 | 821.9 | 1416.7 |
| April | 4881.0 | 1084.0 | 817.0 | 1421.2 |
| May | 4890.6 | 1091.3 | 815.2 | 1427.8 |
| June | 4899.9 | 1095.8 | 816.4 | 1435.8 |
| July(b) | 5036.8 | 1107.8 | 804.9 | 1466.9 |
| August | 5040.6 | 1105.1 | 812.7 | 1476.0 |
| September | 5046.6 | 1101.9 | 822.8 | 1481.9 |
| October | 5054.4 | 1099.5 | 833.9 | 1484.4 |
| November | 5063.2 | 1098.1 | 845.2 | 1485.2 |
| December | 5070.7 | 1097.4 | 856.5 | 1484.4 |

(a) See paragraph 3 of the Explanatory Notes

| 603.0 | 1286.5 | 2087.0 | 12213.8 |
| :--- | :--- | :--- | :--- |
| 602.8 | 1282.7 | 2096.8 | 12222.4 |
| 602.6 | 1277.2 | 2103.2 | 12206.5 |
| 602.7 |  |  |  |
| 603.4 | 1273.8 | 2104.5 | 12180.9 |
| 604.8 | 1284.9 | 2102.3 | 12164.0 |
| 606.5 | 1296.1 | 2098.4 | 12168.7 |
| 608.2 | 1310.5 | 2094.3 | 12195.0 |
| 609.1 | 1326.4 | 2091.2 | 12237.8 |
| 601.1 | 1314.1 | 2232.3 | 12286.0 |
| 599.7 | 1331.6 | 2237.6 | 12569.5 |
| 597.4 | 1351.9 | 2241.0 | 12610.6 |
| 594.5 | 1373.4 | 2240.4 | 12650.2 |
| 591.5 | 1394.6 | 2237.8 | 12685.9 |
| 588.2 | 1414.6 | 2231.9 | 12720.0 |
|  |  |  |  |

(b) A break in the trend series occurred between June and July 2000 because of the impact of The New Tax System on Retail turnover. Refer to the Appendix.

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality and senvices | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ORIGINAL (\% change from preceding month) |  |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |
| October | 4.3 | 4.1 | 5.2 | 5.6 | -1.5 | 0.1 | 5.3 | 3.9 |
| November | -2.1 | 15.7 | 3.2 | 1.2 | 8.6 | 6.5 | -2.1 | 1.6 |
| December | 17.7 | 71.4 | 41.2 | 23.7 | 39.7 | 35.8 | 17.2 | 28.2 |
| 2000 |  |  |  |  |  |  |  |  |
| January | -15.5 | -55.3 | -36.1 | -23.5 | -35.5 | -38.7 | -15.4 | -26.9 |
| February | -5.3 | -13.7 | -19.1 | -4.5 | -2.5 | -0.8 | -4.8 | -6.1 |
| March | 7.2 | 13.0 | 17.4 | 5.6 | 5.0 | 6.9 | 7.6 | 7.9 |
| April | -3.8 | 13.6 | 3.3 | -9.0 | -8.4 | -1.6 | -6.9 | -3.2 |
| May | -0.3 | 2.7 | 11.2 | 13.0 | 4.3 | 7.2 | -0.4 | 3.2 |
| June | 0.1 | 10.8 | 12.6 | 20.7 | -1.0 | 2.2 | 2.0 | 4.9 |
| July | 2.0 | -27.3 | -27.9 | -21.7 | 2.1 | -7.9 | 4.1 | -7.0 |
| August | 2.9 | 17.0 | 4.9 | 7.5 | 2.7 | 9.5 | 4.3 | 5.5 |
| September | -0.6 | 4.5 | 16.3 | -1.7 | 0.9 | 1.6 | 3.4 | 1.7 |
| October | 2.1 | 1.4 | -4.7 | 3.6 | -2.0 | 6.3 | 0.7 | 1.7 |
| November | 0.8 | 15.0 | 6.9 | 5.2 | 8.6 | 5.4 | -0.4 | 3.5 |
| December | 15.7 | 77.4 | 46.6 | 22.1 | 35.3 | 32.7 | 13.7 | 26.7 |

SEASONALLY ADJUSTED (\% change from preceding month)

| 1999 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| October | 0.1 | 0.8 | -0.2 | 1.9 | 0.0 | -1.9 | -0.5 | 0.0 |
| November | 0.9 | 0.5 | 2.4 | -1.4 | 0.7 | 1.6 | 0.6 | 0.7 |
| December | -0.4 | -0.7 | -2.3 | -1.9 | -1.3 | 0.4 | -0.1 | -0.6 |
| 2000 |  |  |  |  |  |  |  |  |
| January | -1.8 | -1.8 | -0.8 | 1.7 | -0.6 | -3.4 | -0.9 | -1.3 |
| February | 0.1 | 1.2 | -5.6 | 2.6 | 2.3 | -0.4 | 2.3 | 0.5 |
| March | 0.8 | 0.4 | 5.2 | -1.6 | -0.3 | 3.2 | 0.2 | 0.9 |
| April | 0.2 | 2.3 | -3.1 | -0.5 | -0.9 | 0.9 | -3.2 | -0.5 |
| May | -0.3 | -0.7 | 4.6 | 3.5 | 0.7 | 1.2 | 0.1 | 0.7 |
| June | 1.7 | 20.1 | 19.5 | 22.4 | 0.6 | 5.9 | 2.1 | 7.5 |
| July | 0.5 | -32.9 | -28.6 | -22.4 | -1.5 | -9.4 | 2.8 | -8.9 |
| August | 1.1 | 27.8 | 11.8 | 7.1 | 0.0 | 3.7 | 4.4 | 5.2 |
| September | 0.1 | -2.8 | 9.7 | -0.8 | 0.2 | 4.4 | 2.7 | 1.3 |
| October | 0.2 | 1.1 | -6.4 | 0.1 | -1.6 | 2.3 | -2.8 | -0.6 |
| November | -0.3 | -2.9 | 2.9 | 0.7 | 0.1 | -0.3 | -0.8 | -0.2 |
| December | 1.0 | 4.4 | 3.8 | -0.8 | -1.1 | 1.2 | -1.3 | 0.8 |


| 1999 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| October | 0.2 | 0.6 | 0.7 | 0.8 | 0.0 | 0.1 | 0.5 | 0.3 |
| November | -0.1 | 0.1 | 0.2 | 0.5 | 0.0 | -0.3 | 0.5 | 0.1 |
| December | -0.2 | -0.1 | -0.3 | 0.2 | 0.0 | -0.4 | 0.3 | -0.1 |
| 2000 |  |  |  |  |  |  |  |  |
| January | -0.3 | -0.1 | -0.8 | 0.0 | 0.0 | -0.3 | 0.1 | -0.2 |
| February | -0.2 | 0.1 | -0.9 | 0.0 | 0.1 | 0.2 | -0.1 | -0.1 |
| March | 0.0 | 0.4 | -0.8 | 0.1 | 0.2 | 0.6 | -0.2 | 0.0 |
| April | 0.1 | 0.6 | -0.6 | 0.3 | 0.3 | 0.9 | -0.2 | 0.2 |
| May | 0.2 | 0.7 | -0.2 | 0.5 | 0.3 | 1.1 | -0.1 | 0.4 |
| June | 0.2 | 0.4 | 0.1 | 0.6 | 0.1 | 1.2 | 0.0 | 0.4 |
| July(b) | 2.8 | 1.1 | -1.4 | 2.2 | -1.3 | -0.9 | 6.7 | 2.3 |
| August | 0.1 | -0.2 | 1.0 | 0.6 | -0.2 | 1.3 | 0.2 | 0.3 |
| September | 0.1 | -0.3 | 1.2 | 0.4 | -0.4 | 1.5 | 0.2 | 0.3 |
| October | 0.2 | -0.2 | 1.3 | 0.2 | -0.5 | 1.6 | 0.0 | 0.3 |
| November | 0.2 | -0.1 | 1.4 | 0.1 | -0.5 | 1.5 | -0.1 | 0.3 |
| December | 0.1 | -0.1 | 1.3 | -0.1 | -0.5 | 1.4 | -0.3 | 0.2 |
| (a) See paragraph 3 of the Explanatory Notes |  |  |  |  | (b) A break in the trend series occurred between June and July 2000 because of the impact of The New Tax System on Retail turnover. Refer to the Appendix. |  |  |  |



| \$ MILLION |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |  |
| October | 3525.6 | 542.1 | 956.9 | 5024.6 | 1043.9 | 594.9 | 257.5 | 852.3 | 443.1 | 416.5 | 588.8 | 1448.5 |
| November | 3438.0 | 542.8 | 939.3 | 4920.0 | 1207.5 | 608.7 | 270.8 | 879.4 | 443.6 | 412.5 | 609.9 | 1466.0 |
| December | 3973.2 | 565.2 | 1250.7 | 5789.1 | 2070.1 | 904.3 | 337.7 | 1242.0 | 446.3 | 490.1 | 876.5 | 1812.9 |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 3492.7 | 539.5 | 858.4 | 4890.6 | 925.1 | 517.6 | 275.6 | 793.2 | 392.0 | 401.0 | 594.0 | 1387.0 |
| February | 3345.5 | 474.5 | 813.2 | 4633.2 | 798.3 | 429.4 | 212.0 | 641.4 | 371.0 | 371.6 | 581.4 | 1324.0 |
| March | 3591.3 | 518.3 | 855.6 | 4965.2 | 902.1 | 513.3 | 240.0 | 753.3 | 411.3 | 383.4 | 603.4 | 1398.1 |
| April | 3448.1 | 520.3 | 808.0 | 4776.4 | 1024.9 | 541.1 | 237.3 | 778.4 | 365.0 | 367.5 | 540.1 | 1272.6 |
| May | 3451.9 | 519.8 | 791.9 | 4763.6 | 1052.5 | 592.7 | 273.2 | 865.8 | 405.6 | 374.1 | 658.1 | 1437.9 |
| June | 3443.9 | 514.4 | 810.6 | 4768.8 | 1165.8 | 670.5 | 304.8 | 975.3 | 542.9 | 421.1 | 771.3 | 1735.3 |
| July | 3496.6 | 547.4 | 820.8 | 4864.7 | 847.2 | 477.5 | 225.4 | 703.0 | 356.4 | 352.4 | 650.2 | 1359.0 |
| August | 3605.4 | 544.1 | 854.7 | 5004.2 | 990.8 | 508.1 | 229.6 | 737.7 | 394.5 | 385.8 | 679.9 | 1460.3 |
| September | 3545.1 | 557.4 | 869.2 | 4971.7 | 1035.4 | 601.8 | 256.4 | 858.3 | 374.8 | 414.4 | 646.0 | 1435.2 |
| October | 3635.5 | 601.0 | 838.1 | 5074.6 | 1050.1 | 548.1 | 269.6 | 817.6 | 401.6 | 444.3 | 640.8 | 1486.7 |
| November | 3683.9 | 580.7 | 850.7 | 5115.3 | 1207.6 | 597.7 | 276.2 | 873.9 | 417.9 | 465.0 | 680.5 | 1563.4 |
| December | 4172.2 | 627.1 | 1121.0 | 5920.3 | 2142.3 | 898.4 | 382.9 | 1281.3 | 415.5 | 577.9 | 914.8 | 1908.3 |


| \% CHANGE FROM PRECEDING MONTH |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 ( 1 |  |  |  |  |  |  |  |  |  |  |  |  |
| October | 4.2 | 3.3 | 5.6 | 4.3 | 4.1 | 4.3 | 7.2 | 5.2 | 6.6 | 9.5 | 2.2 | 5.6 |
| November | -2.5 | 0.1 | -1.8 | -2.1 | 15.7 | 2.3 | 5.2 | 3.2 | 0.1 | -1.0 | 3.6 | 1.2 |
| December | 15.6 | 4.1 | 33.1 | 17.7 | 71.4 | 48.6 | 24.7 | 41.2 | 0.6 | 18.8 | 43.7 | 23.7 |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | -12.1 | -4.5 | -31.4 | -15.5 | -55.3 | -42.8 | -18.4 | -36.1 | -12.2 | -18.2 | -32.2 | -23.5 |
| February | -4.2 | -12.1 | -5.3 | -5.3 | -13.7 | -17.0 | -23.1 | -19.1 | -5.4 | -7.3 | -2.1 | -4.5 |
| March | 7.3 | 9.2 | 5.2 | 7.2 | 13.0 | 19.5 | 13.2 | 17.4 | 10.9 | 3.2 | 3.8 | 5.6 |
| April | -4.0 | 0.4 | -5.6 | -3.8 | 13.6 | 5.4 | -1.1 | 3.3 | -11.3 | -4.2 | -10.5 | -9.0 |
| May | 0.1 | -0.1 | -2.0 | -0.3 | 2.7 | 9.5 | 15.1 | 11.2 | 11.1 | 1.8 | 21.8 | 13.0 |
| June | -0.2 | -1.0 | 2.4 | 0.1 | 10.8 | 13.1 | 11.6 | 12.6 | 33.8 | 12.5 | 17.2 | 20.7 |
| July | 1.5 | 6.4 | 1.3 | 2.0 | -27.3 | -28.8 | -26.0 | -27.9 | -34.4 | -16.3 | -15.7 | -21.7 |
| August | 3.1 | -0.6 | 4.1 | 2.9 | 17.0 | 6.4 | 1.9 | 4.9 | 10.7 | 9.5 | 4.6 | 7.5 |
| September | -1.7 | 2.4 | 1.7 | -0.6 | 4.5 | 18.5 | 11.7 | 16.3 | -5.0 | 7.4 | -5.0 | -1.7 |
| October | 2.5 | 7.8 | -3.6 | 2.1 | 1.4 | -8.9 | 5.1 | -4.7 | 7.1 | 7.2 | -0.8 | 3.6 |
| November | 1.3 | -3.4 | 1.5 | 0.8 | 15.0 | 9.0 | 2.5 | 6.9 | 4.1 | 4.7 | 6.2 | 5.2 |
| December | 13.3 | 8.0 | 31.8 | 15.7 | 77.4 | 50.3 | 38.6 | 46.6 | -0.6 | 24.3 | 34.4 | 22.1 |


| \% CHANGE FROM CORRESPONDING MONTH OF PREVIOUS YEAR |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 ( |  |  |  |  |  |  |  |  |  |  |  |  |
| October | 2.6 | -5.0 | 9.0 | 2.8 | 2.2 | 8.6 | -1.1 | 5.5 | 24.2 | 22.5 | 1.4 | 13.4 |
| November | 5.9 | 1.1 | 10.2 | 6.1 | 6.1 | 13.2 | 6.4 | 11.0 | 22.1 | 23.5 | 7.1 | 15.8 |
| December | 7.7 | -3.1 | 11.6 | 7.4 | 4.8 | 12.3 | 0.7 | 8.9 | 22.9 | 18.9 | 3.2 | 11.6 |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 1.0 | -3.4 | 0.0 | 0.3 | -1.8 | 5.4 | -0.4 | 3.3 | 16.1 | 26.8 | -5.4 | 8.2 |
| February | 6.8 | -3.7 | 0.9 | 4.5 | 8.1 | 0.4 | 3.7 | 1.4 | 18.3 | 27.5 | 3.9 | 13.7 |
| March | 3.5 | -3.8 | -3.4 | 1.4 | -0.1 | -1.6 | 0.5 | -0.9 | 14.4 | 19.2 | 4.4 | 11.0 |
| April | 4.2 | 1.8 | -8.8 | 1.5 | 7.5 | -5.2 | -7.0 | -5.8 | 12.8 | 21.1 | -6.7 | 5.5 |
| May | 3.9 | 1.5 | -7.2 | 1.6 | 4.1 | 2.8 | 9.1 | 4.7 | 8.9 | 23.8 | 8.1 | 12.0 |
| June | 6.8 | 1.4 | -2.9 | 4.5 | 30.3 | 16.8 | 28.4 | 20.2 | 44.2 | 39.4 | 23.5 | 33.2 |
| July | 1.7 | 6.9 | -10.0 | 0.1 | -19.7 | -13.0 | -13.1 | -13.0 | -10.7 | 11.9 | 6.8 | 2.8 |
| August | 8.1 | 4.6 | -3.9 | 5.4 | 10.1 | -4.9 | -1.3 | -3.8 | -1.4 | 18.0 | 11.5 | 9.2 |
| September | 4.7 | 6.2 | -4.0 | 3.3 | 3.3 | 5.5 | 6.8 | 5.9 | -9.8 | 8.9 | 12.2 | 4.6 |
| October | 3.1 | 10.9 | -12.4 | 1.0 | 0.6 | -7.9 | 4.7 | -4.1 | -9.4 | 6.7 | 8.8 | 2.6 |
| November | 7.2 | 7.0 | -9.4 | 4.0 | 0.0 | -1.8 | 2.0 | -0.6 | -5.8 | 12.7 | 11.6 | 6.6 |
| December | 5.0 | 11.0 | -10.4 | 2.3 | 3.5 | -0.6 | 13.4 | 3.2 | -6.9 | 17.9 | 4.4 | 5.3 |

(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 | Pharma- <br> ceutical cosmetic \& toiletry retailing | Other retailing | Total | Hotels <br> and <br> licensed <br> clubs | Cafes and restaurants | Selected senvices | Total | Total all industries |
| \$ MILLION |  |  |  |  |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |
| October | 370.0 | 218.7 | 588.7 | 630.9 | 658.0 | 1288.9 | 1288.5 | 683.6 | 193.3 | 2165.4 | 12412.3 |
| November | 398.2 | 241.1 | 639.3 | 661.3 | 711.9 | 1373.2 | 1242.7 | 686.1 | 190.7 | 2119.5 | 12604.9 |
| December | 501.7 | 391.3 | 893.1 | 817.3 | 1048.1 | 1865.4 | 1464.7 | 788.1 | 231.7 | 2484.5 | 16157.1 |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |
| January | 366.1 | 210.3 | 576.4 | 535.9 | 608.2 | 1144.1 | 1231.9 | 675.3 | 194.1 | 2101.3 | 11817.7 |
| February | 378.8 | 183.0 | 561.8 | 539.6 | 595.8 | 1135.4 | 1167.5 | 653.4 | 180.4 | 2001.3 | 11095.4 |
| March | 395.9 | 193.8 | 589.8 | 592.2 | 621.1 | 1213.2 | 1243.1 | 716.8 | 193.9 | 2153.8 | 11975.5 |
| April | 340.4 | 199.9 | 540.2 | 575.6 | 618.3 | 1193.8 | 1170.8 | 651.6 | 181.9 | 2004.3 | 11590.6 |
| May | 372.2 | 191.6 | 563.7 | 618.4 | 661.5 | 1280.0 | 1133.4 | 677.2 | 186.6 | 1997.2 | 11960.7 |
| June | 350.7 | 207.5 | 558.2 | 629.2 | 678.3 | 1307.5 | 1174.7 | 677.0 | 185.4 | 2037.1 | 12547.9 |
| July | 389.5 | 180.6 | 570.1 | 632.6 | 571.2 | 1203.8 | 1216.0 | 686.1 | 218.2 | 2120.3 | 11668.1 |
| August | 383.5 | 202.0 | 585.4 | 695.7 | 621.9 | 1317.6 | 1290.7 | 699.6 | 220.3 | 2210.7 | 12306.8 |
| September | 368.0 | 222.9 | 590.9 | 670.9 | 667.8 | 1338.6 | 1282.9 | 782.7 | 220.6 | 2286.2 | 12516.4 |
| October | 377.6 | 201.8 | 579.4 | 676.7 | 746.3 | 1423.0 | 1302.6 | 769.1 | 230.9 | 2302.7 | 12734.0 |
| November | 400.4 | 228.7 | 629.1 | 698.4 | 801.1 | 1499.5 | 1311.8 | 746.7 | 235.0 | 2293.4 | 13182.2 |
| December | 484.6 | 366.7 | 851.3 | 835.6 | 1154.1 | 1989.7 | 1515.3 | 813.4 | 278.7 | 2607.4 | 16700.5 |


| \% CHANGE FROM PRECEDING MONTH |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |  |  |
| October | 0.1 | -4.2 | -1.5 | -2.3 | 2.5 | 0.1 | 4.7 | 5.4 | 8.9 | 5.3 | 3.9 |
| November | 7.6 | 10.3 | 8.6 | 4.8 | 8.2 | 6.5 | -3.6 | 0.4 | -1.4 | -2.1 | 1.6 |
| December | 26.0 | 62.3 | 39.7 | 23.6 | 47.2 | 35.8 | 17.9 | 14.9 | 21.5 | 17.2 | 28.2 |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |
| January | -27.0 | -46.3 | -35.5 | -34.4 | -42.0 | -38.7 | -15.9 | -14.3 | -16.2 | -15.4 | -26.9 |
| February | 3.5 | -13.0 | -2.5 | 0.7 | -2.1 | -0.8 | -5.2 | -3.2 | -7.1 | -4.8 | -6.1 |
| March | 4.5 | 5.9 | 5.0 | 9.7 | 4.2 | 6.9 | 6.5 | 9.7 | 7.4 | 7.6 | 7.9 |
| April | -14.0 | 3.1 | -8.4 | -2.8 | -0.5 | -1.6 | -5.8 | -9.1 | -6.2 | -6.9 | -3.2 |
| May | 9.3 | -4.1 | 4.3 | 7.4 | 7.0 | 7.2 | -3.2 | 3.9 | 2.5 | -0.4 | 3.2 |
| June | -5.8 | 8.3 | -1.0 | 1.7 | 2.5 | 2.2 | 3.6 | 0.0 | -0.6 | 2.0 | 4.9 |
| July | 11.1 | -13.0 | 2.1 | 0.5 | -15.8 | -7.9 | 3.5 | 1.3 | 17.7 | 4.1 | -7.0 |
| August | -1.5 | 11.8 | 2.7 | 10.0 | 8.9 | 9.5 | 6.1 | 2.0 | 1.0 | 4.3 | 5.5 |
| September | -4.0 | 10.4 | 0.9 | -3.6 | 7.4 | 1.6 | -0.6 | 11.9 | 0.1 | 3.4 | 1.7 |
| October | 2.6 | -9.5 | -2.0 | 0.9 | 11.8 | 6.3 | 1.5 | -1.7 | 4.7 | 0.7 | 1.7 |
| November | 6.0 | 13.3 | 8.6 | 3.2 | 7.3 | 5.4 | 0.7 | -2.9 | 1.7 | -0.4 | 3.5 |
| December | 21.0 | 60.3 | 35.3 | 19.7 | 44.1 | 32.7 | 15.5 | 8.9 | 18.6 | 13.7 | 26.7 |

\% CHANGE FROM CORRESPONDING MONTH OF PREVIOUS YEAR

| 1999 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| October | 4.9 | -7.1 | 0.1 | 11.0 | 2.0 | 6.2 | 9.6 | 12.0 | 2.8 | 9.7 | 5.5 |
| November | 11.0 | -2.9 | 5.3 | 19.1 | 3.8 | 10.6 | 6.9 | 16.2 | 3.2 | 9.4 | 8.5 |
| December | 11.6 | -5.4 | 3.5 | 20.6 | 4.5 | 11.0 | 11.7 | 22.1 | 10.4 | 14.6 | 8.8 |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |
| January | 0.6 | 1.6 | 1.0 | 0.1 | 3.2 | 1.8 | 2.7 | 11.3 | 0.4 | 5.1 | 2.2 |
| February | 6.9 | 6.0 | 6.6 | 3.4 | 10.3 | 6.9 | 6.5 | 16.5 | 4.1 | 9.3 | 6.8 |
| March | -0.8 | 1.0 | -0.2 | -2.7 | 7.8 | 2.4 | 4.1 | 14.2 | 1.6 | 7.0 | 3.2 |
| April | -4.6 | 5.6 | -1.1 | -0.4 | 4.5 | 2.1 | -0.1 | 1.2 | -2.0 | 0.2 | 1.6 |
| May | 1.1 | 6.6 | 2.9 | 3.3 | 11.9 | 7.5 | -0.3 | 0.5 | -4.1 | -0.4 | 3.5 |
| June | -2.2 | 6.7 | 0.9 | 2.8 | 20.3 | 11.2 | 5.4 | 9.5 | -5.9 | 5.6 | 11.7 |
| July | 1.8 | -7.6 | -1.4 | -2.0 | -4.6 | -3.2 | -1.0 | 9.8 | 13.0 | 3.6 | -2.1 |
| August | 3.2 | 0.0 | 2.1 | 9.2 | 0.6 | 5.0 | 9.4 | 11.2 | 26.4 | 11.5 | 6.4 |
| September | -0.4 | -2.3 | -1.1 | 3.9 | 4.0 | 4.0 | 4.3 | 20.6 | 24.2 | 11.1 | 4.8 |
| October | 2.0 | -7.7 | -1.6 | 7.3 | 13.4 | 10.4 | 1.1 | 12.5 | 19.5 | 6.3 | 2.6 |
| November | 0.6 | -5.2 | -1.6 | 5.6 | 12.5 | 9.2 | 5.6 | 8.8 | 23.2 | 8.2 | 4.6 |
| December | -3.4 | -6.3 | -4.7 | 2.2 | 10.1 | 6.7 | 3.5 | 3.2 | 20.3 | 4.9 | 3.4 |

(a) See paragraph 3 of the Explanatory Notes

RETAIL TURNOVER, By State: All series

|  | New |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | Sustralian |  |  |  |  |  |  |  |  |
| Month | South |  |  |  |  | Northern | Capital |  |  |
|  | Wales | Victoria | Queensland | Australia | Australia | Tasmania | Territory | Territory | Australia |


| ORIGINAL (\$ million) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| October | 4237.8 | 3036.6 | 2298.7 | 918.0 | 1283.3 | 272.1 | 135.3 | 230.6 | 12412.3 |
| November | 4300.0 | 3109.6 | 2324.1 | 930.9 | 1294.4 | 279.0 | 131.3 | 235.6 | 12604.9 |
| December | 5555.0 | 4030.0 | 2946.4 | 1169.5 | 1629.6 | 368.9 | 152.3 | 305.3 | 16157.1 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 4057.1 | 2845.5 | 2250.1 | 864.6 | 1205.6 | 260.9 | 115.7 | 218.2 | 11817.7 |
| February | 3808.9 | 2654.2 | 2060.7 | 808.3 | 1179.6 | 257.4 | 115.3 | 211.0 | 11095.4 |
| March | 4107.8 | 2905.5 | 2201.3 | 886.6 | 1245.5 | 272.8 | 125.2 | 230.7 | 11975.5 |
| April | 3993.3 | 2755.3 | 2162.7 | 852.8 | 1210.0 | 256.8 | 126.9 | 232.8 | 11590.6 |
| May | 4158.6 | 2861.3 | 2184.1 | 876.8 | 1241.0 | 258.2 | 134.6 | 246.0 | 11960.7 |
| June | 4359.4 | 3005.8 | 2325.6 | 904.5 | 1279.8 | 264.8 | 141.9 | 266.1 | 12547.9 |
| July | 4042.3 | 2707.6 | 2260.5 | 845.2 | 1185.0 | 247.7 | 142.6 | 237.1 | 11668.1 |
| August | 4288.1 | 2853.6 | 2361.4 | 895.7 | 1253.0 | 261.6 | 148.6 | 244.6 | 12306.8 |
| September | 4490.9 | 2847.6 | 2355.2 | 900.3 | 1269.8 | 264.9 | 140.0 | 247.6 | 12516.4 |
| October | 4452.7 | 2971.6 | 2434.0 | 931.6 | 1271.3 | 274.7 | 138.6 | 259.4 | 12734.0 |
| November | 4520.6 | 3163.0 | 2476.6 | 1000.2 | 1319.4 | 294.1 | 135.6 | 272.6 | 13182.2 |
| December | 5774.1 | 4083.3 | 3071.7 | 1254.1 | 1645.3 | 372.5 | 153.3 | 346.1 | 16700.5 |

SEASONALLY ADJUSTED (\$ million)

| 1999 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| October | 4193.2 | 2998.6 | 2254.3 | 896.8 | 1246.2 | 271.0 | 129.3 | 226.5 | 12215.8 |
| November | 4202.0 | 3022.3 | 2294.3 | 901.6 | 1252.1 | 271.6 | 132.1 | 229.3 | 12305.4 |
| December | 4202.4 | 2978.7 | 2271.3 | 888.2 | 1249.2 | 273.6 | 133.4 | 230.9 | 12227.7 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 4137.4 | 2927.1 | 2261.1 | 885.9 | 1225.6 | 269.2 | 130.8 | 231.7 | 12068.8 |
| February | 4156.4 | 2927.6 | 2265.3 | 889.2 | 1258.2 | 270.4 | 131.6 | 234.1 | 12132.8 |
| March | 4198.9 | 2942.9 | 2278.8 | 901.7 | 1271.2 | 271.9 | 132.8 | 237.8 | 12236.0 |
| April | 4190.2 | 2884.9 | 2295.0 | 888.1 | 1274.9 | 268.6 | 134.3 | 241.1 | 12177.0 |
| May | 4235.6 | 2937.5 | 2274.1 | 906.8 | 1261.5 | 267.5 | 134.0 | 246.6 | 12263.8 |
| June | 4576.2 | 3189.3 | 2403.0 | 947.5 | 1364.0 | 277.9 | 141.0 | 280.7 | 13179.6 |
| July | 4145.6 | 2802.1 | 2315.7 | 871.4 | 1235.8 | 264.4 | 133.4 | 235.6 | 12003.9 |
| August | 4440.3 | 2944.4 | 2367.8 | 922.5 | 1292.4 | 272.1 | 136.1 | 253.0 | 12628.6 |
| September | 4598.9 | 2930.1 | 2366.8 | 924.5 | 1302.7 | 276.9 | 135.4 | 254.7 | 12789.9 |
| October | 4446.8 | 2979.9 | 2435.0 | 926.4 | 1253.8 | 277.3 | 134.2 | 258.5 | 12711.9 |
| November | 4380.6 | 3016.8 | 2387.0 | 948.9 | 1270.1 | 280.3 | 134.7 | 262.2 | 12680.7 |
| December | 4406.2 | 3062.3 | 2396.3 | 960.7 | 1275.0 | 280.1 | 135.3 | 262.9 | 12778.9 |


| TREND ESTIMATES (\$ million) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| October | 4193.2 | 2999.9 | 2260.7 | 892.8 | 1236.5 | 273.0 | 130.1 | 227.5 | 12213.8 |
| November | 4193.3 | 2991.5 | 2269.1 | 894.3 | 1241.5 | 272.4 | 130.9 | 228.9 | 12222.4 |
| December | 4185.2 | 2974.2 | 2273.1 | 893.5 | 1246.2 | 271.6 | 131.6 | 230.5 | 12206.5 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 4176.1 | 2953.0 | 2273.8 | 892.0 | 1250.6 | 270.9 | 132.1 | 232.6 | 12180.9 |
| February | 4173.2 | 2934.4 | 2273.4 | 891.6 | 1255.5 | 270.4 | 132.5 | 235.1 | 12164.0 |
| March | 4180.5 | 2923.6 | 2274.4 | 893.1 | 1260.8 | 269.9 | 133.0 | 237.8 | 12168.7 |
| April | 4195.4 | 2922.1 | 2276.7 | 896.2 | 1267.3 | 269.4 | 133.6 | 240.2 | 12195.0 |
| May | 4214.7 | 2927.6 | 2281.7 | 900.1 | 1274.1 | 269.1 | 134.3 | 242.2 | 12237.8 |
| June | 4233.7 | 2936.6 | 2289.8 | 903.5 | 1278.6 | 269.1 | 134.9 | 243.8 | 12286.0 |
| July (a) | 4421.8 | 2927.1 | 2360.2 | 918.1 | 1287.0 | 273.2 | 135.3 | 252.6 | 12569.5 |
| August | 4426.9 | 2942.8 | 2371.8 | 922.8 | 1285.3 | 274.4 | 135.3 | 254.1 | 12610.6 |
| September | 4426.6 | 2962.4 | 2383.3 | 928.8 | 1282.4 | 275.9 | 135.2 | 256.0 | 12650.2 |
| October | 4422.5 | 2984.3 | 2393.3 | 935.7 | 1278.4 | 277.5 | 135.1 | 258.2 | 12685.9 |
| November | 4416.3 | 3006.7 | 2401.8 | 943.3 | 1274.3 | 278.9 | 135.0 | 260.4 | 12720.0 |
| December | 4407.8 | 3028.4 | 2407.3 | 951.4 | 1269.2 | 280.0 | 134.8 | 262.6 | 12747.5 |
|  | (a) A break in the trend series occurred between June and July 2000 because of the impact of The New Tax System on Retail turnover. Refer to the Appendix. |  |  |  |  |  |  |  |  |


| Month | New <br> South <br> Wales | Victoria | Queensland | South <br> Australia | Western <br> Australia | Tasmania | Northern Territory | Australian <br> Capital <br> Territory | Australia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ORIGINAL (\% change from preceding month) |  |  |  |  |  |  |  |  |
| 1999 ( 10.0 |  |  |  |  |  |  |  |  |  |
| October | 3.0 | 4.1 | 2.1 | 6.0 | 9.0 | 3.2 | 1.6 | 5.6 | 3.9 |
| November | 1.5 | 2.4 | 1.1 | 1.4 | 0.9 | 2.5 | -2.9 | 2.2 | 1.6 |
| December | 29.2 | 29.6 | 26.8 | 25.6 | 25.9 | 32.2 | 16.0 | 29.6 | 28.2 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | -27.0 | -29.4 | -23.6 | -26.1 | -26.0 | -29.3 | -24.0 | -28.6 | -26.9 |
| February | -6.1 | -6.7 | -8.4 | -6.5 | -2.2 | -1.4 | -0.3 | -3.3 | -6.1 |
| March | 7.8 | 9.5 | 6.8 | 9.7 | 5.6 | 6.0 | 8.6 | 9.3 | 7.9 |
| April | -2.8 | -5.2 | -1.8 | -3.8 | -2.8 | -5.9 | 1.3 | 0.9 | -3.2 |
| May | 4.1 | 3.8 | 1.0 | 2.8 | 2.6 | 0.6 | 6.1 | 5.7 | 3.2 |
| June | 4.8 | 5.0 | 6.5 | 3.2 | 3.1 | 2.6 | 5.4 | 8.2 | 4.9 |
| July | -7.3 | -9.9 | -2.8 | -6.6 | -7.4 | -6.5 | 0.5 | -10.9 | -7.0 |
| August | 6.1 | 5.4 | 4.5 | 6.0 | 5.7 | 5.6 | 4.2 | 3.2 | 5.5 |
| September | 4.7 | -0.2 | -0.3 | 0.5 | 1.3 | 1.3 | -5.8 | 1.2 | 1.7 |
| October | -0.9 | 4.4 | 3.3 | 3.5 | 0.1 | 3.7 | -1.0 | 4.8 | 1.7 |
| November | 1.5 | 6.4 | 1.7 | 7.4 | 3.8 | 7.1 | -2.1 | 5.1 | 3.5 |
| December | 27.7 | 29.1 | 24.0 | 25.4 | 24.7 | 26.6 | 13.0 | 27.0 | 26.7 |


| SEASONALLY ADJUSTED (\% change from preceding month) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 ( 10.0 |  |  |  |  |  |  |  |  |  |
| October | -0.7 | 0.1 | 0.0 | 0.9 | 2.0 | -1.0 | 0.4 | 0.4 | 0.0 |
| November | 0.2 | 0.8 | 1.8 | 0.5 | 0.5 | 0.2 | 2.2 | 1.3 | 0.7 |
| December | 0.0 | -1.4 | -1.0 | -1.5 | -0.2 | 0.8 | 0.9 | 0.7 | -0.6 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | -1.5 | -1.7 | -0.4 | -0.3 | -1.9 | -1.6 | -2.0 | 0.4 | -1.3 |
| February | 0.5 | 0.0 | 0.2 | 0.4 | 2.7 | 0.4 | 0.6 | 1.0 | 0.5 |
| March | 1.0 | 0.5 | 0.6 | 1.4 | 1.0 | 0.5 | 0.9 | 1.6 | 0.9 |
| April | -0.2 | -2.0 | 0.7 | -1.5 | 0.3 | -1.2 | 1.1 | 1.4 | -0.5 |
| May | 1.1 | 1.8 | -0.9 | 2.1 | -1.0 | -0.4 | -0.2 | 2.3 | 0.7 |
| June | 8.0 | 8.6 | 5.7 | 4.5 | 8.1 | 3.9 | 5.2 | 13.8 | 7.5 |
| July | -9.4 | -12.1 | -3.6 | -8.0 | -9.4 | -4.9 | -5.4 | -16.0 | -8.9 |
| August | 7.1 | 5.1 | 2.3 | 5.9 | 4.6 | 2.9 | 2.0 | 7.4 | 5.2 |
| September | 3.6 | -0.5 | 0.0 | 0.2 | 0.8 | 1.7 | -0.5 | 0.7 | 1.3 |
| October | -3.3 | 1.7 | 2.9 | 0.2 | -3.8 | 0.2 | -0.9 | 1.5 | -0.6 |
| November | -1.5 | 1.2 | -2.0 | 2.4 | 1.3 | 1.1 | 0.4 | 1.4 | -0.2 |
| December | 0.6 | 1.5 | 0.4 | 1.2 | 0.4 | -0.1 | 0.4 | 0.3 | 0.8 |

TREND ESTIMATES (\% change from preceding month)
1999

| October | 0.3 | 0.1 | 0.6 | 0.7 | 0.5 | -0.1 | 0.7 | 0.7 | 0.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| November | 0.0 | -0.3 | 0.4 | 0.2 | 0.4 | -0.3 | 0.6 | 0.6 | 0.1 |
| December | -0.2 | -0.6 | 0.2 | -0.1 | 0.4 | -0.3 | 0.5 | 0.7 | -0.1 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | -0.2 | -0.7 | 0.0 | -0.2 | 0.4 | -0.2 | 0.4 | 0.9 | -0.2 |
| February | -0.1 | -0.6 | 0.0 | 0.0 | 0.4 | -0.2 | 0.3 | 1.1 | -0.1 |
| March | 0.2 | -0.4 | 0.0 | 0.2 | 0.4 | -0.2 | 0.3 | 1.1 | 0.0 |
| April | 0.4 | -0.1 | 0.1 | 0.4 | 0.5 | -0.2 | 0.5 | 1.0 | 0.2 |
| May | 0.5 | 0.2 | 0.2 | 0.4 | 0.5 | -0.1 | 0.5 | 0.8 | 0.4 |
| June | 0.5 | 0.3 | 0.4 | 0.4 | 0.4 | 0.0 | 0.5 | 0.7 | 0.4 |
| July (a) | 4.4 | -0.3 | 3.1 | 1.6 | 0.7 | 1.5 | 0.3 | 3.6 | 2.3 |
| August | 0.1 | 0.5 | 0.5 | 0.5 | -0.1 | 0.4 | 0.0 | 0.6 | 0.3 |
| September | 0.0 | 0.7 | 0.5 | 0.7 | -0.2 | 0.6 | -0.1 | 0.7 | 0.3 |
| October | -0.1 | 0.7 | 0.4 | 0.8 | -0.3 | 0.6 | -0.1 | 0.8 | 0.3 |
| November | -0.1 | 0.8 | 0.4 | 0.8 | -0.3 | 0.5 | -0.1 | 0.9 | 0.3 |
| December | -0.2 | 0.7 | 0.2 | 0.9 | -0.4 | 0.4 | -0.1 | 0.9 | 0.2 |

(a) A break in the trend series occurred between June and July 2000 because of the
impact of The New Tax System on Retail turnover. Refer to the Appendix.

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality <br> and <br> services | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ORIGINAL (\$ million) |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |
| October | 1623.7 | 361.2 | 319.1 | 460.2 | 178.9 | 431.6 | 863.0 | 4237.8 |
| November | 1588.8 | 418.6 | 337.3 | 444.4 | 195.6 | 462.2 | 853.0 | 4300.0 |
| December | 1872.2 | 733.3 | 490.7 | 547.9 | 263.1 | 647.9 | 999.9 | 5555.0 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 1559.4 | 323.6 | 302.9 | 416.8 | 183.3 | 390.8 | 880.3 | 4057.1 |
| February | 1484.4 | 276.6 | 240.8 | 428.0 | 180.9 | 386.9 | 811.4 | 3808.9 |
| March | 1574.5 | 315.1 | 289.0 | 442.8 | 196.2 | 411.1 | 879.2 | 4107.8 |
| April | 1528.1 | 351.1 | 286.7 | 398.6 | 182.5 | 392.2 | 854.2 | 3993.3 |
| May | 1516.3 | 372.0 | 323.9 | 459.3 | 203.7 | 429.8 | 853.6 | 4158.6 |
| June | 1526.4 | 408.6 | 357.7 | 572.5 | 188.7 | 446.0 | 859.4 | 4359.4 |
| July | 1556.7 | 290.2 | 267.1 | 422.1 | 215.1 | 373.1 | 918.0 | 4042.3 |
| August | 1612.2 | 347.0 | 276.6 | 467.4 | 210.1 | 409.5 | 965.3 | 4288.1 |
| September | 1620.7 | 373.3 | 359.2 | 448.1 | 208.6 | 444.2 | 1036.8 | 4490.9 |
| October | 1653.6 | 367.4 | 310.4 | 473.6 | 203.6 | 456.0 | 988.1 | 4452.7 |
| November | 1628.1 | 422.0 | 312.2 | 499.5 | 222.9 | 471.6 | 964.4 | 4520.6 |
| December | 1903.6 | 761.0 | 472.1 | 628.5 | 282.4 | 647.9 | 1078.6 | 5774.1 |

SEASONALLY ADJUSTED (\$ million)

| 1999 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| October | 1579.7 | 376.2 | 316.4 | 459.9 | 188.8 | 426.1 | 846.0 | 4193.2 |
| November | 1595.1 | 375.2 | 328.7 | 433.8 | 184.2 | 438.5 | 846.5 | 4202.0 |
| December | 1604.0 | 375.0 | 322.2 | 419.2 | 187.2 | 434.2 | 860.6 | 4202.4 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 1539.7 | 372.2 | 313.6 | 438.3 | 198.2 | 423.9 | 851.4 | 4137.4 |
| February | 1540.9 | 375.9 | 292.4 | 456.5 | 196.6 | 431.3 | 862.7 | 4156.4 |
| March | 1553.3 | 373.8 | 320.4 | 451.9 | 200.1 | 426.6 | 872.8 | 4198.9 |
| April | 1561.1 | 376.3 | 302.7 | 447.3 | 201.4 | 428.3 | 873.1 | 4190.2 |
| May | 1555.1 | 382.2 | 312.4 | 462.6 | 208.0 | 440.0 | 875.4 | 4235.6 |
| June | 1586.7 | 464.0 | 374.0 | 580.1 | 204.7 | 479.4 | 887.3 | 4576.2 |
| July | 1598.8 | 298.9 | 277.0 | 427.1 | 221.7 | 394.3 | 927.8 | 4145.6 |
| August | 1639.7 | 398.2 | 299.8 | 471.1 | 214.4 | 424.4 | 992.7 | 4440.3 |
| September | 1649.2 | 393.0 | 365.9 | 466.0 | 207.1 | 461.6 | 1056.1 | 4598.9 |
| October | 1633.3 | 388.2 | 309.8 | 470.9 | 211.9 | 449.7 | 982.9 | 4446.8 |
| November | 1611.8 | 375.6 | 307.8 | 482.3 | 211.6 | 440.3 | 951.2 | 4380.6 |
| December | 1632.2 | 392.4 | 313.5 | 485.4 | 208.1 | 446.1 | 928.5 | 4406.2 |


|  | TREND ESTIMATES (\$ million) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| October | 1588.0 | 372.1 | 320.8 | 444.2 | 189.8 | 430.4 | 852.5 | 4193.2 |
| November | 1588.0 | 374.1 | 321.8 | 447.2 | 187.7 | 431.8 | 853.8 | 4193.3 |
| December | 1586.9 | 374.7 | 321.1 | 447.7 | 186.3 | 431.0 | 855.1 | 4185.2 |
| 2000 |  |  |  |  |  |  |  |  |
| January | (b) 1545.5 | 374.8 | 318.5 | 447.2 | (b) 197.0 | 430.0 | 857.6 | 4176.1 |
| February | 1547.3 | 375.1 | 315.0 | 447.0 | 198.2 | 430.3 | 862.2 | 4173.2 |
| March | 1550.5 | 375.7 | 311.4 | 448.0 | 200.3 | 431.8 | 868.3 | 4180.5 |
| April | 1553.9 | 377.0 | 308.5 | 449.4 | 202.7 | 433.0 | 874.7 | 4195.4 |
| May | 1557.4 | 379.0 | 307.3 | 450.2 | 204.6 | 433.6 | 880.9 | 4214.7 |
| June | 1560.3 | 380.6 | 307.6 | 450.4 | 206.0 | 433.6 | 887.1 | 4233.7 |
| July(c) | 1634.4 | 392.4 | 308.3 | 466.2 | 210.4 | 433.1 | 970.0 | 4421.8 |
| August | 1634.2 | 391.7 | 309.8 | 468.6 | 210.3 | 433.2 | 970.9 | 4426.9 |
| September | 1633.3 | 390.3 | 311.0 | 471.7 | 210.0 | 434.7 | 968.4 | 4426.6 |
| October | 1631.8 | 388.6 | 311.5 | 474.9 | 209.7 | 437.4 | 963.1 | 4422.5 |
| November | 1629.9 | 387.1 | 311.6 | 478.2 | 209.5 | 440.5 | 956.4 | 4416.3 |
| December | 1627.6 | 386.0 | 311.7 | 481.3 | 209.4 | 443.5 | 948.6 | 4407.8 |
|  | (a) See parag <br> (c) A break in 2000 beca Retail turno | 3 of the rend ser the imp Refer to | y Notes d betwe New Tax ix. | d July | (b) Possible | series. S | ph 14 of |  |

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

| Month | Food retailing | Department stores | Clothing and <br> soft good <br> retailing | Household <br> good <br> retailing | Recreational <br> good <br> retailing | Other retailing | Hospitality and services | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ORIGINAL (\$ million) |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |
| October | 1242.0 | 259.3 | 234.5 | 379.3 | 148.5 | 324.2 | 448.9 | 3036.6 |
| November | 1231.9 | 304.1 | 243.3 | 392.3 | 157.8 | 338.4 | 441.7 | 3109.6 |
| December | 1463.8 | 528.1 | 339.8 | 498.2 | 233.8 | 439.8 | 526.4 | 4030.0 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 1219.9 | 228.0 | 221.5 | 358.1 | 138.2 | 267.6 | 412.3 | 2845.5 |
| February | 1155.2 | 195.9 | 181.7 | 326.1 | 120.7 | 268.1 | 406.6 | 2654.2 |
| March | 1244.7 | 224.2 | 217.4 | 342.8 | 132.1 | 292.6 | 451.7 | 2905.5 |
| April | 1163.1 | 260.6 | 224.2 | 309.6 | 117.4 | 291.9 | 388.4 | 2755.3 |
| May | 1180.1 | 265.3 | 248.2 | 349.8 | 118.9 | 305.2 | 393.8 | 2861.3 |
| June | 1173.5 | 298.6 | 279.7 | 416.3 | 124.1 | 313.6 | 399.9 | 3005.8 |
| July | 1211.9 | 202.4 | 173.1 | 316.4 | 115.5 | 294.2 | 394.1 | 2707.6 |
| August | 1236.0 | 234.6 | 189.4 | 340.4 | 124.0 | 315.0 | 414.1 | 2853.6 |
| September | 1216.2 | 245.9 | 193.9 | 341.3 | 130.7 | 311.2 | 408.4 | 2847.6 |
| October | 1253.7 | 264.7 | 202.4 | 353.7 | 124.5 | 354.3 | 418.4 | 2971.6 |
| November | 1296.2 | 302.9 | 240.8 | 385.8 | 136.9 | 375.1 | 425.2 | 3163.0 |
| December | 1515.4 | 543.4 | 350.2 | 481.6 | 207.5 | 504.7 | 480.6 | 4083.3 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| October | 1221.5 | 271.1 | 240.0 | 365.9 | 149.4 | 311.0 | 439.7 | 2998.6 |
| November | 1236.0 | 272.3 | 234.8 | 373.1 | 149.6 | 313.5 | 443.1 | 3022.3 |
| December | 1223.4 | 268.2 | 227.3 | 368.6 | 147.0 | 301.9 | 442.4 | 2978.7 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 1205.7 | 264.0 | 240.0 | 356.7 | 139.6 | 306.3 | 414.9 | 2927.1 |
| February | 1209.8 | 264.4 | 226.4 | 352.3 | 134.5 | 304.5 | 435.8 | 2927.6 |
| March | 1214.4 | 260.4 | 227.6 | 354.8 | 141.0 | 306.3 | 438.5 | 2942.9 |
| April | 1210.0 | 269.6 | 222.1 | 339.1 | 132.6 | 317.8 | 393.6 | 2884.9 |
| May | 1217.1 | 275.1 | 234.4 | 359.5 | 133.1 | 316.2 | 402.1 | 2937.5 |
| June | 1221.4 | 336.9 | 290.2 | 442.7 | 137.8 | 338.5 | 421.8 | 3189.3 |
| July | 1236.0 | 213.8 | 178.8 | 337.2 | 126.4 | 304.5 | 405.4 | 2802.1 |
| August | 1249.3 | 274.2 | 203.7 | 352.4 | 131.2 | 317.4 | 416.2 | 2944.4 |
| September | 1247.7 | 267.6 | 210.2 | 350.0 | 131.1 | 309.7 | 413.8 | 2930.1 |
| October | 1256.8 | 276.5 | 210.4 | 349.7 | 128.1 | 342.3 | 416.1 | 2979.9 |
| November | 1266.2 | 267.3 | 224.4 | 362.7 | 127.7 | 351.5 | 417.0 | 3016.8 |
| December | 1287.9 | 280.8 | 238.0 | 360.5 | 131.1 | 353.9 | 410.2 | 3062.3 |

TREND ESTIMATES (\$ million)

## 1999

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| October | 1221.5 | 270.2 | 236.2 | 364.4 | 149.5 | 316.4 | 441.3 | 2999.9 |
| November | 1221.4 | 269.1 | 236.0 | 366.8 | 150.1 | 311.0 | 440.0 | 2991.5 |
| December | 1219.4 | 267.3 | 234.1 | 367.3 | 151.0 | 306.9 | 437.3 | 2974.2 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 1216.4 | 265.8 | 231.9 | 365.7 | (b) 135.4 | 305.3 | 433.8 | 2953.0 |
| February | 1214.3 | 265.4 | 230.2 | 363.0 | 135.8 | 306.0 | 429.8 | 2934.4 |
| March | 1214.9 | 266.4 | 228.9 | 360.1 | 136.1 | 309.0 | 425.3 | 2923.6 |
| April | (b) 1207.0 | 268.5 | 227.3 | 357.7 | 136.2 | 313.0 | 420.5 | 2922.1 |
| May | 1214.4 | 271.3 | 224.9 | 355.9 | 136.3 | 316.6 | 415.3 | 2927.6 |
| June | 1223.2 | 273.5 | 221.7 | 354.5 | 136.3 | 320.2 | 410.4 | 2936.6 |
| July(c) | 1233.8 | 271.3 | 210.2 | 352.5 | 130.3 | 312.4 | 420.1 | 2927.1 |
| August | 1242.8 | 271.7 | 209.8 | 352.7 | 130.3 | 318.6 | 417.5 | 2942.8 |
| September | 1251.9 | 272.0 | 211.8 | 353.6 | 130.2 | 326.3 | 416.2 | 2962.4 |
| October | 1260.9 | 272.6 | 215.7 | 354.9 | 129.8 | 334.9 | 414.8 | 2984.3 |
| November | 1269.3 | 273.6 | 220.7 | 356.6 | 129.5 | 343.4 | 413.6 | 3006.7 |
| December | 1276.9 | 274.7 | 226.2 | 358.7 | 129.1 | 350.8 | 411.8 | 3028.4 |

(a) See paragraph 3 of the Explanatory Notes
(b) Possible break in series. See paragraph 14 of the

Explanatory Notes.
(c) A break in the trend series occurred between June and July 2000 because of the impact of The New Tax System on Retail turnover. Refer to the Appendix.

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


|  | ORIGINAL (\$ million) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| October | 929.4 | 173.1 | 149.2 | 231.2 | 136.9 | 254.6 | 424.3 | 2298.7 |
| November | 897.4 | 195.7 | 142.4 | 243.6 | 146.6 | 279.0 | 419.4 | 2324.1 |
| December | 1035.6 | 332.2 | 196.9 | 303.0 | 207.2 | 374.6 | 496.8 | 2946.4 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 941.0 | 155.1 | 133.8 | 254.6 | 129.5 | 220.3 | 415.8 | 2250.1 |
| February | 858.4 | 134.3 | 99.9 | 226.8 | 134.7 | 214.5 | 392.2 | 2060.7 |
| March | 923.2 | 144.0 | 111.1 | 249.1 | 129.5 | 224.1 | 420.3 | 2201.3 |
| April | 901.1 | 168.7 | 118.9 | 227.3 | 114.6 | 242.1 | 390.0 | 2162.7 |
| May | 882.1 | 162.3 | 128.8 | 262.5 | 112.0 | 252.9 | 383.5 | 2184.1 |
| June | 895.0 | 189.3 | 151.0 | 318.2 | 115.5 | 257.2 | 399.4 | 2325.6 |
| July | 931.7 | 146.1 | 124.7 | 270.6 | 113.2 | 256.5 | 417.8 | 2260.5 |
| August | 946.5 | 173.5 | 129.8 | 285.4 | 116.1 | 278.4 | 431.7 | 2361.4 |
| September | 944.9 | 176.7 | 150.4 | 276.1 | 116.9 | 262.6 | 427.7 | 2355.2 |
| October | 959.8 | 175.6 | 144.4 | 290.0 | 127.5 | 282.5 | 454.3 | 2434.0 |
| November | 953.8 | 194.1 | 147.4 | 287.6 | 132.0 | 298.8 | 463.1 | 2476.6 |
| December | 1087.1 | 348.0 | 214.8 | 331.1 | 172.1 | 389.4 | 529.3 | 3071.7 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| October | 913.8 | 176.6 | 138.8 | 230.9 | 136.1 | 254.5 | 403.6 | 2254.3 |
| November | 916.2 | 176.2 | 140.5 | 238.1 | 141.7 | 270.8 | 410.7 | 2294.3 |
| December | 914.2 | 171.2 | 135.1 | 232.4 | 141.8 | 270.1 | 406.4 | 2271.3 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 930.8 | 173.1 | 133.3 | 250.7 | 125.2 | 236.9 | 411.1 | 2261.1 |
| February | 903.4 | 181.4 | 121.7 | 242.8 | 147.1 | 241.2 | 427.7 | 2265.3 |
| March | 911.2 | 177.0 | 124.7 | 252.9 | 138.6 | 244.7 | 429.8 | 2278.8 |
| April | 915.7 | 189.7 | 131.3 | 256.5 | 129.1 | 266.7 | 405.9 | 2295.0 |
| May | 904.0 | 175.9 | 136.3 | 272.0 | 124.8 | 257.2 | 404.0 | 2274.1 |
| June | 913.9 | 203.1 | 153.0 | 325.5 | 122.8 | 267.4 | 417.2 | 2403.0 |
| July | 952.1 | 153.0 | 130.6 | 276.7 | 120.6 | 262.0 | 420.7 | 2315.7 |
| August | 934.8 | 191.1 | 136.0 | 288.0 | 118.0 | 267.1 | 432.8 | 2367.8 |
| September | 943.8 | 177.0 | 141.2 | 282.4 | 116.5 | 269.4 | 436.6 | 2366.8 |
| October | 963.3 | 182.4 | 138.8 | 296.9 | 128.9 | 282.2 | 442.6 | 2435.0 |
| November | 951.9 | 173.0 | 140.7 | 274.9 | 124.4 | 281.6 | 440.5 | 2387.0 |
| December | 971.5 | 182.2 | 151.0 | 255.3 | 122.5 | 279.2 | 434.7 | 2396.3 |

TREND ESTIMATES (\$ million)

| $\mathbf{1 9 9 9}$ |  |  | TREND ESTIMATES |  |
| :--- | ---: | ---: | :--- | :--- |
| October | 910.6 | 175.2 | 137.9 | 234.4 |
| November | 913.4 | 175.0 | 137.2 | 236.1 |
| December | 916.0 | 175.4 | 135.7 | 238.8 |
| $\mathbf{2 0 0 0}$ | 918.4 |  |  |  |
| January | (b) 905.9 | 176.5 | 133.6 | 242.5 |
| February | 908.2 | 179.9 | 131.6 | 247.0 |
| March | 909.9 | 180.3 | 130.3 | 252.4 |
| April | 911.7 | 180.9 | 130.4 | 258.1 |
| May | 913.2 | 180.7 | 132.0 | 264.0 |
| June | 941.1 | 182.9 | 134.2 | 270.3 |
| July(c) | 944.4 | 182.1 | 137.8 | 282.5 |
| August | 948.9 | 181.2 | 139.4 | 285.1 |
| September | 953.9 | 180.3 | 141.5 | 284.6 |
| October | 958.9 | 179.6 | 143.7 | 281.8 |
| November | 963.0 | 178.8 | 145.8 | 277.6 |
| December |  |  |  | 272.6 |


| 138.7 | 264.5 | 400.7 | $\mathbf{2} 260.7$ |
| ---: | ---: | ---: | ---: |
| 139.0 | 265.8 | 406.4 | 2269.1 |
| 139.0 | 268.1 | 412.0 | 2273.1 |
| 138.3 | (b) 239.3 | 416.5 | 2273.8 |
| 136.9 | 243.9 | 418.8 | 2273.4 |
| 134.6 | 249.2 | 418.1 | 2274.4 |
| 131.2 | 254.4 | 414.7 | 2276.7 |
| 127.4 | 259.1 | 410.1 | 2281.7 |
| 124.1 | 263.8 | 406.0 | 2289.8 |
| 120.7 | 264.1 | 433.6 | 2360.2 |
| 120.5 | 268.2 | 434.0 | 2371.8 |
| 121.4 | 272.4 | 435.6 | 2383.3 |
| 122.4 | 276.4 | 437.0 | 2393.3 |
| 123.3 | 280.0 | 438.1 | 2401.8 |
| 124.0 | 282.4 | 438.5 | 2407.3 |

(a) See paragraph 3 of the Explanatory Notes
(b) Possible break in series. See paragraph 14 of the Explanatory Notes.
(c) A break in the trend series occurred between June and July 2000 because of the impact of The New Tax System on Retai turnover. Refer to the Appendix.

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


| 999 ORIGINAL (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| October | 387.9 | 88.9 | 53.7 | 98.2 | 28.8 | 89.3 | 171.2 | 918.0 |
| November | 381.4 | 107.3 | 53.3 | 99.4 | 34.8 | 95.8 | 158.8 | 930.9 |
| December | 441.8 | 166.9 | 75.0 | 116.5 | 51.1 | 131.4 | 186.8 | 1169.5 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 373.6 | 80.2 | 45.5 | 93.6 | 26.3 | 84.6 | 160.9 | 864.6 |
| February | 357.5 | 67.6 | 36.5 | 83.5 | 27.4 | 84.8 | 151.0 | 808.3 |
| March | 389.8 | 81.0 | 45.6 | 91.0 | 30.1 | 93.5 | 155.6 | 886.6 |
| April | 383.8 | 87.0 | 47.4 | 83.0 | 23.9 | 84.4 | 143.4 | 852.8 |
| May | 385.5 | 92.1 | 52.4 | 94.5 | 23.6 | 89.6 | 139.0 | 876.8 |
| June | 376.2 | 99.0 | 58.6 | 110.1 | 23.8 | 91.1 | 145.8 | 904.5 |
| July | 369.2 | 76.5 | 41.5 | 89.9 | 24.1 | 90.9 | 153.2 | 845.2 |
| August | 384.9 | 84.2 | 42.5 | 95.8 | 25.3 | 101.8 | 161.2 | 895.7 |
| September | 376.8 | 87.2 | 47.7 | 94.1 | 24.9 | 102.2 | 167.4 | 900.3 |
| October | 385.2 | 85.0 | 47.8 | 102.3 | 23.5 | 111.0 | 176.9 | 931.6 |
| November | 400.9 | 106.8 | 54.2 | 107.8 | 28.4 | 120.6 | 181.6 | 1000.2 |
| December | 454.0 | 176.6 | 75.2 | 131.0 | 40.0 | 157.6 | 219.7 | 1254.1 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| October | 379.0 | 93.0 | 52.9 | 92.7 | 29.4 | 88.8 | 161.0 | 896.8 |
| November | 381.5 | 95.2 | 52.8 | 93.5 | 31.9 | 93.0 | 153.7 | 901.6 |
| December | 377.5 | 90.2 | 53.5 | 88.6 | 33.6 | 94.2 | 150.6 | 888.2 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 369.6 | 92.3 | 48.1 | 92.4 | 28.0 | 91.1 | 164.4 | 885.9 |
| February | 375.9 | 90.8 | 48.9 | 91.4 | 29.3 | 92.8 | 160.1 | 889.2 |
| March | 383.1 | 92.8 | 46.7 | 97.0 | 30.3 | 94.3 | 157.3 | 901.7 |
| April | 391.4 | 93.3 | 46.3 | 92.4 | 27.0 | 90.7 | 146.8 | 888.1 |
| May | 396.8 | 94.7 | 50.5 | 98.8 | 26.2 | 92.1 | 147.9 | 906.8 |
| June | 391.7 | 111.0 | 57.0 | 115.2 | 26.3 | 94.4 | 152.0 | 947.5 |
| July | 380.5 | 75.1 | 41.5 | 92.2 | 26.2 | 96.2 | 159.8 | 871.4 |
| August | 386.0 | 93.8 | 46.6 | 98.6 | 26.3 | 102.6 | 168.6 | 922.5 |
| September | 383.6 | 94.8 | 49.9 | 97.7 | 25.4 | 106.4 | 166.6 | 924.5 |
| October | 384.9 | 90.3 | 48.6 | 95.4 | 23.9 | 112.7 | 170.6 | 926.4 |
| November | 389.7 | 91.8 | 51.2 | 102.8 | 25.9 | 112.4 | 175.1 | 948.9 |
| December | 392.5 | 97.8 | 55.4 | 98.9 | 25.9 | 115.3 | 175.0 | 960.7 |

## TREND ESTIMATES (\$ million)

1999

| October | 379.5 | 93.1 | 53.3 | 91.7 | 30.8 | 90.9 | 152.3 | 892.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| November | 378.3 | 92.9 | 52.6 | 91.9 | 30.6 | 91.9 | 154.3 | 894.3 |
| December | 377.0 | 92.4 | 51.3 | 92.0 | 30.2 | 92.5 | 155.4 | 893.5 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 377.0 | 91.9 | 49.8 | 92.2 | 29.7 | 92.6 | 155.4 | 892.0 |
| February | 378.3 | 92.1 | 48.6 | 92.7 | 29.0 | 92.3 | 154.3 | 891.6 |
| March | 380.0 | 92.8 | 47.8 | 93.6 | 28.3 | 92.0 | 153.0 | 893.1 |
| April | (b) 390.7 | 93.9 | 47.5 | 94.8 | 27.8 | 92.1 | 152.1 | 896.2 |
| May | 389.9 | 95.0 | 47.7 | 95.8 | 27.4 | 93.5 | 152.0 | 900.1 |
| June | 387.1 | 95.4 | 48.1 | 96.4 | 27.1 | 96.3 | 152.7 | 903.5 |
| July(c) | 390.3 | 95.2 | 47.4 | 97.8 | 26.0 | 97.9 | 163.9 | 918.1 |
| August | 387.2 | 94.5 | 48.1 | 98.2 | 25.7 | 102.3 | 166.6 | 922.8 |
| September | 385.9 | 93.8 | 49.1 | 98.5 | 25.6 | 106.5 | 169.3 | 928.8 |
| October | 386.1 | 93.5 | 50.2 | 98.8 | 25.5 | 110.2 | 171.4 | 935.7 |
| November | 386.9 | 93.4 | 51.4 | 99.1 | 25.4 | 113.2 | 173.2 | 943.3 |
| December | 388.6 | 93.5 | 52.6 | 99.4 | 25.3 | 115.6 | 174.6 | 951.4 |

(a) See paragraph 3 of the Explanatory Notes
(c) A break in the trend series occurred between June and July 2000 because of the impact of The New Tax System on Retai turnover. Refer to the Appendix.
(b) Possible break in series. See paragraph 14 of the Explanatory Notes.

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

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household <br> good <br> retailing | Recreational good retailing | Other retailing | Hospitality <br> and <br> senvices | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ORIGINAL (\$ million) |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |
| October | 572.8 | 108.6 | 61.8 | 198.9 | 57.0 | 120.8 | 163.4 | 1283.3 |
| November | 560.0 | 120.9 | 68.1 | 205.3 | 62.6 | 126.7 | 150.8 | 1294.4 |
| December | 673.4 | 204.7 | 88.9 | 244.0 | 79.5 | 170.7 | 168.4 | 1629.6 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 538.8 | 91.2 | 56.6 | 188.6 | 63.1 | 126.4 | 140.8 | 1205.6 |
| February | 524.7 | 81.5 | 53.2 | 185.1 | 61.4 | 125.0 | 148.7 | 1179.6 |
| March | 561.6 | 90.6 | 58.0 | 191.2 | 63.9 | 131.7 | 148.6 | 1245.5 |
| April | 541.2 | 103.8 | 66.6 | 173.3 | 66.5 | 124.4 | 134.3 | 1210.0 |
| May | 533.5 | 105.5 | 76.1 | 185.2 | 69.5 | 137.9 | 133.4 | 1241.0 |
| June | 527.8 | 110.0 | 87.5 | 214.8 | 69.3 | 133.9 | 136.5 | 1279.8 |
| July | 521.4 | 86.0 | 63.0 | 183.6 | 66.1 | 125.2 | 139.7 | 1185.0 |
| August | 541.4 | 99.3 | 66.0 | 189.8 | 70.7 | 144.2 | 141.6 | 1253.0 |
| September | 537.4 | 99.3 | 72.3 | 194.6 | 72.5 | 148.5 | 145.2 | 1269.8 |
| October | 541.3 | 102.3 | 75.7 | 181.8 | 63.6 | 148.1 | 158.5 | 1271.3 |
| November | 551.5 | 118.8 | 78.7 | 192.5 | 68.8 | 157.6 | 151.6 | 1319.4 |
| December | 640.4 | 204.9 | 109.1 | 229.0 | 94.7 | 188.2 | 179.0 | 1645.3 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| October | 558.3 | 108.3 | 60.5 | 193.1 | 57.0 | 117.4 | 151.5 | 1246.2 |
| November | 561.7 | 109.1 | 65.7 | 190.2 | 61.5 | 115.5 | 148.4 | 1252.1 |
| December | 564.6 | 107.8 | 63.1 | 194.2 | 54.1 | 119.7 | 145.7 | 1249.2 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 534.3 | 105.5 | 56.6 | 190.0 | 66.5 | 131.7 | 141.1 | 1225.6 |
| February | 542.6 | 109.4 | 64.2 | 190.5 | 65.3 | 131.8 | 154.4 | 1258.2 |
| March | 547.1 | 105.8 | 62.3 | 200.8 | 67.7 | 138.7 | 148.9 | 1271.2 |
| April | 555.8 | 109.0 | 69.4 | 188.8 | 71.2 | 141.1 | 139.7 | 1274.9 |
| May | 545.9 | 105.1 | 71.0 | 187.9 | 70.0 | 141.7 | 139.9 | 1261.5 |
| June | 555.8 | 124.4 | 88.1 | 222.7 | 74.3 | 151.3 | 147.4 | 1364.0 |
| July | 541.1 | 90.0 | 64.4 | 193.6 | 69.3 | 136.1 | 141.3 | 1235.8 |
| August | 549.6 | 112.7 | 73.8 | 193.4 | 72.8 | 146.0 | 144.1 | 1292.4 |
| September | 547.0 | 108.6 | 76.4 | 205.2 | 73.8 | 148.3 | 143.5 | 1302.7 |
| October | 543.3 | 104.6 | 75.8 | 174.0 | 65.7 | 143.0 | 147.5 | 1253.8 |
| November | 544.6 | 104.7 | 76.1 | 181.6 | 66.4 | 145.7 | 151.1 | 1270.1 |
| December | 547.3 | 110.0 | 79.5 | 182.6 | 66.3 | 135.8 | 153.5 | 1275.0 |


| TREND ESTIMATES (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| October | 546.6 | 107.8 | 61.4 | 194.7 | 55.5 | 116.5 | 148.7 | 1236.5 |
| November | 547.1 | 108.0 | 61.6 | 193.4 | 56.1 | 119.2 | 147.7 | 1241.5 |
| December | 546.8 | 108.1 | 61.7 | 192.8 | 56.4 | 123.0 | 146.3 | 1246.2 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 546.6 | 107.8 | 62.0 | 192.4 | (b) 67.2 | 127.6 | 145.1 | 1250.6 |
| February | 546.8 | 107.2 | 62.9 | 192.1 | 67.3 | 132.4 | 144.3 | 1255.5 |
| March | 547.2 | 106.9 | 64.5 | 191.6 | 68.1 | 136.7 | 143.7 | 1260.8 |
| April | 547.5 | 107.1 | 66.9 | 191.4 | 69.6 | 140.3 | 143.1 | 1267.3 |
| May | 547.1 | 107.7 | 69.7 | 191.7 | 71.6 | 143.2 | 142.1 | 1274.1 |
| June | 545.2 | 108.4 | 72.3 | 192.1 | 73.4 | 145.8 | 140.8 | 1278.6 |
| July(c) | 552.4 | 108.9 | 72.3 | 194.2 | 71.8 | 142.8 | 146.3 | 1287.0 |
| August | 549.0 | 108.8 | 73.8 | 193.1 | 71.4 | 144.2 | 145.9 | 1285.3 |
| September | 546.7 | 108.4 | 75.1 | 190.9 | 70.4 | 144.6 | 146.5 | 1282.4 |
| October | 545.4 | 107.9 | 76.3 | 187.9 | 69.0 | 144.2 | 147.6 | 1278.4 |
| November | 544.7 | 107.4 | 77.4 | 184.5 | 67.7 | 143.3 | 149.0 | 1274.3 |
| December | 544.2 | 107.0 | 78.2 | 181.7 | 66.3 | 141.9 | 150.3 | 1269.2 |
|  | See pa <br> A break 2000 be urnover | of the Ex <br> nd series he impac he Appe | tes <br> tween <br> Tax S | July Retail | (b) Possib Explanat | series. | raph 14 |  |

RETAIL TURNOVER, By Industry Group(a)-Tasmania: All series


|  |  |  | SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| October | 117.6 | n.p. | 13.7 | 29.5 | 18.0 | n.p. | 38.0 | 271.0 |
| November | 118.2 | n.p. | 13.4 | 29.1 | 17.7 | n.p. | 39.7 | 271.6 |
| December | 119.5 | n.p. | 13.3 | 28.5 | 17.4 | n.p. | 39.5 | 273.6 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 115.5 | n.p. | 13.5 | 31.8 | 18.1 | n.p. | 41.6 | 269.2 |
| February | 118.7 | n.p. | 13.4 | 29.4 | 17.4 | n.p. | 41.6 | 270.4 |
| March | 118.9 | n.p. | 12.8 | 30.3 | 17.0 | n.p. | 42.8 | 271.9 |
| April | 114.6 | n.p. | 12.1 | 32.1 | 17.8 | n.p. | 40.1 | 268.6 |
| May | 113.5 | n.p. | 12.9 | 31.6 | 17.5 | n.p. | 39.6 | 267.5 |
| June | 114.0 | n.p. | 14.1 | 37.3 | 17.6 | n.p. | 38.8 | 277.9 |
| July | 115.9 | n.p. | 12.5 | 31.5 | 16.2 | n.p. | 39.1 | 264.4 |
| August | 117.6 | n.p. | 14.0 | 33.2 | 16.8 | n.p. | 36.2 | 272.1 |
| September | 119.2 | n.p. | 14.0 | 32.7 | 17.2 | n.p. | 39.0 | 276.9 |
| October | 120.6 | n.p. | 13.5 | 32.0 | 17.5 | n.p. | 39.4 | 277.3 |
| November | 121.2 | n.p. | 14.6 | 32.8 | 17.3 | n.p. | 39.1 | 280.3 |
| December | 124.3 | n.p. | 14.5 | 31.2 | 17.0 | n.p. | 38.7 | 280.1 |

## 1999

| 99 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| October | 117.4 | n.p. | 14.0 | 30.0 | 17.8 | n.p. | 38.9 | 273.0 |
| November | 117.9 | n.p. | 13.7 | 29.8 | 17.8 | n.p. | 39.6 | 272.4 |
| December | 118.1 | n.p. | 13.5 | 29.7 | 17.7 | n.p. | 40.3 | 271.6 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 118.1 | n.p. | 13.2 | 29.8 | 17.6 | n.p. | 41.0 | 270.9 |
| February | 117.8 | n.p. | 13.0 | 30.3 | 17.6 | n.p. | 41.5 | 270.4 |
| March | 117.2 | n.p. | 12.8 | 31.0 | 17.5 | n.p. | 41.4 | 269.9 |
| April | (b) 114.5 | n.p. | 12.8 | 31.6 | 17.4 | n.p. | 40.7 | 269.4 |
| May | 114.1 | n.p. | 12.9 | 32.2 | 17.3 | n.p. | 39.5 | 269.1 |
| June | 114.2 | n.p. | 13.2 | 32.5 | 17.3 | n.p. | 38.2 | 269.1 |
| July (c) | 115.8 | n.p. | 13.2 | 33.1 | 17.0 | n.p. | 39.7 | 273.2 |
| August | 117.1 | n.p. | 13.6 | 33.0 | 17.1 | n.p. | 39.0 | 274.4 |
| September | 118.8 | n.p. | 13.9 | 32.7 | 17.1 | n.p. | 38.7 | 275.9 |
| October | 120.4 | n.p. | 14.1 | 32.4 | 17.1 | n.p. | 38.6 | 277.5 |
| November | 121.9 | n.p. | 14.3 | 32.2 | 17.2 | n.p. | 38.6 | 278.9 |
| December | 123.1 | n.p. | 14.4 | 31.9 | 17.2 | n.p. | 38.7 | 280.0 |
|  | (a) See pa <br> (c) A break 2000 be turnover. | the E | Notes between Wax S | July | Possib <br> xplana | ries. | $\text { ph } 14$ |  |

(c) A break in the trend series occurred between June and July 2000 because of the impact of The New Tax System on Retail turnover. Refer to the Appendix.

## TREND ESTIMATES (\$ million)

RETAIL TURNOVER, By Industry Group(a)—Northern Territory: 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) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| October | 66.1 | n.p. | 6.8 | 13.6 | 6.1 | n.p. | 21.3 | 135.3 |
| November | 62.1 | n.p. | 6.5 | 15.1 | 5.9 | n.p. | 20.1 | 131.3 |
| December | 67.3 | n.p. | 7.8 | 19.4 | 6.9 | n.p. | 20.9 | 152.3 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 57.8 | n.p. | 5.0 | 14.1 | 4.5 | n.p. | 16.4 | 115.7 |
| February | 57.6 | n.p. | 4.7 | 14.4 | 4.6 | n.p. | 17.2 | 115.3 |
| March | 63.8 | n.p. | 5.2 | 15.6 | 5.0 | n.p. | 17.5 | 125.2 |
| April | 62.9 | n.p. | 5.5 | 15.9 | 4.7 | n.p. | 18.9 | 126.9 |
| May | 66.5 | n.p. | 6.0 | 15.6 | 4.9 | n.p. | 20.8 | 134.6 |
| June | 68.4 | n.p. | 7.5 | 17.8 | 5.0 | n.p. | 21.4 | 141.9 |
| July | 70.5 | n.p. | 7.2 | 14.5 | 6.3 | n.p. | 24.1 | 142.6 |
| August | 72.1 | n.p. | 7.8 | 15.1 | 6.9 | n.p. | 24.6 | 148.6 |
| September | 68.1 | n.p. | 7.0 | 15.2 | 6.2 | n.p. | 22.8 | 140.0 |
| October | 64.7 | n.p. | 7.7 | 14.9 | 5.9 | n.p. | 23.8 | 138.6 |
| November | 62.7 | n.p. | 7.4 | 14.9 | 5.9 | n.p. | 23.1 | 135.6 |
| December | 66.1 | n.p. | 10.5 | 16.7 | 7.9 | n.p. | 23.5 | 153.3 |


|  |  |  | A | DJU | lio |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| October | 63.9 | n.p. | 6.5 | 13.0 | 5.7 | n.p. | 19.7 | 129.3 |
| November | 64.1 | n.p. | 6.2 | 14.9 | 6.2 | n.p. | 20.2 | 132.1 |
| December | 63.6 | n.p. | 5.8 | 16.7 | 6.1 | n.p. | 20.1 | 133.4 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 64.0 | n.p. | 5.9 | 15.7 | 5.2 | n.p. | 19.5 | 130.8 |
| February | 64.8 | n.p. | 6.1 | 15.2 | 5.2 | n.p. | 20.1 | 131.6 |
| March | 66.2 | n.p. | 6.3 | 15.3 | 5.4 | n.p. | 19.3 | 132.8 |
| April | 65.3 | n.p. | 6.2 | 16.5 | 4.7 | n.p. | 20.2 | 134.3 |
| May | 65.5 | n.p. | 6.1 | 15.2 | 4.8 | n.p. | 20.2 | 134.0 |
| June | 67.1 | n.p. | 7.6 | 17.7 | 5.0 | n.p. | 20.6 | 141.0 |
| July | 64.8 | n.p. | 6.5 | 15.0 | 6.2 | n.p. | 21.5 | 133.4 |
| August | 65.9 | n.p. | 7.0 | 15.2 | 6.3 | n.p. | 21.5 | 136.1 |
| September | 65.3 | n.p. | 6.8 | 15.3 | 5.9 | n.p. | 21.7 | 135.4 |
| October | 63.7 | n.p. | 7.3 | 14.5 | 5.7 | n.p. | 22.3 | 134.2 |
| November | 63.6 | n.p. | 7.1 | 14.6 | 6.0 | n.p. | 22.9 | 134.7 |
| December | 63.1 | n.p. | 7.6 | 14.4 | 7.0 | n.p. | 23.0 | 135.3 |

## TREND ESTIMATES (\$ million)

| $\mathbf{1 9 9 9}$ |  |  | TREND ESTIMATES |  |
| :--- | :--- | :--- | :--- | :--- |
| October | 63.8 | n.p. | 5.7 |  |
| November | 63.9 | n.p. | 5.8 | 14.2 |
| December | 64.1 | n.p. | 5.9 | 14.8 |
| $\mathbf{2 0 0 0}$ |  |  |  | 15.3 |
| January | 64.4 | n.p. | 6.0 | 15.6 |
| February | 64.9 | n.p. | 6.0 | 15.7 |
| March | 65.3 | n.p. | 6.1 | 15.6 |
| April | 65.7 | n.p. | 6.2 | 15.4 |
| May | 65.8 | n.p. | 6.4 | 15.2 |
| June | 65.8 | n.p. | 6.6 | 15.2 |
| July(b) | 65.9 | n.p. | 6.6 | 15.2 |
| August | 65.4 | n.p. | 6.8 | 15.1 |
| September | 64.9 | n.p. | 7.0 | 15.0 |
| October | 64.3 | n.p. | 7.2 | 14.8 |
| November | 63.8 | n.p. | 7.3 | 14.7 |
| December | 63.3 | n.p. | 7.4 | 14.5 |

(a) See paragraph 3 of the Explanatory Notes

| 5.8 | n.p. | 19.8 | 130.1 |
| :--- | :--- | :--- | :--- |
| 5.8 | n.p. | 19.8 | 130.9 |
| 5.7 | n.p. | 19.8 | 131.6 |
| 5.5 |  |  |  |
| 5.2 | n.p. | 19.8 | 132.1 |
| 5.0 | n.p. | 19.8 | 132.5 |
| 5.0 | n.p. | 19.9 | 133.0 |
| 5.3 | n.p. | 20.0 | 133.6 |
| 5.8 | n.p. | 20.2 | 134.3 |
| 5.2 | n.p. | 20.4 | 134.9 |
| 5.6 | n.p. | 21.4 | 135.3 |
| 6.0 | n.p. | 21.7 | 135.3 |
| 6.2 | n.p. | 22.0 | 135.2 |
| 6.4 | n.p. | 22.3 | 135.1 |
| 6.5 | n.p. | 22.6 | 135.0 |
|  | n.p. | 22.9 | 134.8 |

(b) A break in the trend series occurred between June and July 2000 because of the impact of The New Tax System on Retail turnover. Refer to the Appendix.
-•••
RETAIL TURNOVER, By Industry Group(a)—Australian Capital Territory: 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) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| October | 82.5 | 24.0 | 14.8 | 36.7 | 15.7 | 23.0 | 34.0 | 230.6 |
| November | 81.2 | 27.8 | 14.3 | 35.0 | 17.8 | 24.6 | 34.7 | 235.6 |
| December | 94.5 | 49.9 | 22.5 | 43.2 | 24.5 | 35.2 | 35.5 | 305.3 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 83.1 | 22.1 | 15.4 | 34.7 | 13.3 | 17.7 | 31.8 | 218.2 |
| February | 81.1 | 19.2 | 12.5 | 33.9 | 13.6 | 19.7 | 31.0 | 211.0 |
| March | 85.5 | 21.8 | 14.7 | 37.4 | 16.0 | 20.8 | 34.6 | 230.7 |
| April | 85.4 | 25.8 | 16.8 | 33.9 | 14.5 | 20.0 | 36.4 | 232.8 |
| May | 89.6 | 27.0 | 17.6 | 39.5 | 14.7 | 21.7 | 35.9 | 246.0 |
| June | 91.3 | 29.3 | 19.2 | 48.5 | 15.5 | 23.7 | 38.6 | 266.1 |
| July | 91.7 | 20.7 | 14.8 | 32.0 | 15.5 | 23.6 | 38.9 | 237.1 |
| August | 94.9 | 22.3 | 13.3 | 33.1 | 16.5 | 25.1 | 39.4 | 244.6 |
| September | 91.7 | 23.8 | 15.0 | 34.6 | 15.6 | 25.4 | 41.3 | 247.6 |
| October | 95.7 | 25.3 | 16.8 | 37.2 | 14.3 | 27.0 | 43.1 | 259.4 |
| November | 98.1 | 27.9 | 17.9 | 39.2 | 16.4 | 28.5 | 44.6 | 272.6 |
| December | 109.7 | 52.0 | 27.9 | 46.3 | 21.9 | 40.6 | 47.8 | 346.1 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| October | 80.4 | 24.9 | 14.9 | 35.9 | 16.4 | 21.6 | 32.3 | 226.5 |
| November | 81.5 | 25.9 | 14.9 | 33.4 | 16.7 | 22.8 | 34.0 | 229.3 |
| December | 83.2 | 26.1 | 15.2 | 32.3 | 16.8 | 23.3 | 33.9 | 230.9 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 83.5 | 25.2 | 17.3 | 35.1 | 15.7 | 20.1 | 34.8 | 231.7 |
| February | 84.2 | 25.5 | 15.3 | 36.6 | 15.0 | 23.8 | 33.7 | 234.1 |
| March | 84.6 | 25.4 | 16.4 | 38.8 | 15.8 | 22.4 | 34.4 | 237.8 |
| April | 88.1 | 25.6 | 15.9 | 37.2 | 15.9 | 22.6 | 35.9 | 241.1 |
| May | 90.4 | 26.9 | 16.5 | 40.1 | 14.8 | 22.4 | 35.5 | 246.6 |
| June | 93.0 | 34.9 | 19.9 | 52.8 | 15.6 | 26.0 | 38.4 | 280.7 |
| July | 91.3 | 20.3 | 13.6 | 31.7 | 16.0 | 24.6 | 38.1 | 235.6 |
| August | 95.5 | 26.8 | 14.7 | 34.6 | 17.1 | 24.8 | 39.6 | 253.0 |
| September | 93.7 | 26.4 | 16.0 | 36.4 | 16.3 | 25.1 | 40.7 | 254.7 |
| October | 95.4 | 26.9 | 17.5 | 36.8 | 15.1 | 25.6 | 41.3 | 258.5 |
| November | 96.1 | 25.7 | 18.2 | 36.6 | 15.8 | 26.4 | 43.4 | 262.2 |
| December | 96.1 | 26.7 | 18.6 | 34.8 | 15.0 | 27.0 | 44.6 | 262.9 |


|  | TREND ESTIMATES (\$ million) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| October | 81.2 | 25.4 | 14.9 | 32.9 | 16.0 | 22.3 | 33.5 | 227.5 |
| November | 81.4 | 25.5 | 15.0 | 33.3 | 16.2 | 22.2 | 33.7 | 228.9 |
| December | 81.6 | 25.6 | 15.2 | 34.1 | 16.2 | 22.2 | 33.8 | 230.5 |
| 2000 |  |  |  |  |  |  |  |  |
| January | (b) 84.8 | 25.6 | 15.4 | 35.2 | 16.0 | 22.2 | 34.0 | 232.6 |
| February | 85.7 | 25.6 | 15.6 | 36.4 | 15.7 | 22.2 | 34.4 | 235.1 |
| March | 86.9 | 25.7 | 15.7 | 37.1 | 15.5 | 22.2 | 34.9 | 237.8 |
| April | 88.2 | 25.7 | 15.6 | 37.2 | 15.5 | 22.4 | 35.5 | 240.2 |
| May | 89.3 | 25.8 | 15.4 | 36.7 | 15.7 | 23.0 | 36.1 | 242.2 |
| June | 90.2 | 25.8 | 15.2 | 35.9 | 15.9 | 23.8 | 36.7 | 243.8 |
| July(c) | 94.2 | 26.5 | 15.2 | 36.2 | 16.3 | 24.0 | 39.9 | 252.6 |
| August | 94.4 | 26.5 | 15.6 | 35.8 | 16.2 | 24.8 | 40.4 | 254.1 |
| September | 94.7 | 26.5 | 16.3 | 35.8 | 16.1 | 25.4 | 41.1 | 256.0 |
| October | 95.2 | 26.4 | 17.0 | 35.8 | 15.9 | 26.0 | 41.9 | 258.2 |
| November | 95.6 | 26.4 | 17.7 | 35.9 | 15.6 | 26.4 | 42.7 | 260.4 |
| December | 96.0 | 26.5 | 18.4 | 35.9 | 15.3 | 26.7 | 43.5 | 262.6 |
|  | (a) See pa (c) A break 2000 be turnover | f the Ex | Notes | July | Possib <br> Explana | eries. | $\text { ph } 14$ |  |


| Quarter | Food retailing | Department stores | Clothing \& soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality <br> and <br> services | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ORIGINAL (\$ million) |  |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |
| September | 14181.5 | 2969.2 | 2400.4 | 4088.5 | 1739.4 | 3794.0 | 6015.9 | 35188.8 |
| December | 15337.9 | 4367.8 | 3015.1 | 4812.8 | 2116.1 | 4556.3 | 6620.1 | 40826.1 |
| 2000 |  |  |  |  |  |  |  |  |
| March | 14044.1 | 2656.9 | 2225.4 | 4199.3 | 1704.5 | 3502.2 | 6068.2 | 34400.7 |
| June | 13745.5 | 3263.6 | 2647.1 | 4530.9 | 1640.4 | 3781.2 | 5794.9 | 35403.5 |
| September | 14060.0 | 2775.2 | 2168.7 | 4302.6 | 1673.7 | 3852.7 | 5963.8 | 34796.7 |
| December | 15126.9 | 4286.1 | 2837.8 | 5028.3 | 1996.1 | 4869.0 | 6448.0 | 40592.2 |
| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |
| September | 14430.8 | 3202.5 | 2509.2 | 4180.3 | 1800.0 | 3868.5 | 6141.7 | 36133.1 |
| December | 14461.2 | 3278.4 | 2588.5 | 4306.5 | 1800.3 | 3898.8 | 6169.2 | 36502.9 |
| 2000 |  |  |  |  |  |  |  |  |
| March | 14189.4 | 3240.0 | 2501.0 | 4370.1 | 1798.0 | 3824.7 | 6174.3 | 36097.5 |
| June | 14227.7 | 3536.6 | 2689.2 | 4774.5 | 1802.0 | 4041.7 | 6013.9 | 37085.6 |
| September | 14344.8 | 2997.7 | 2270.7 | 4416.5 | 1733.1 | 3964.8 | 6115.6 | 35843.3 |
| December | 14344.3 | 3222.0 | 2448.8 | 4519.7 | 1705.8 | 4191.5 | 6039.7 | 36471.8 |
| TREND ESTIMATES (\$ million) |  |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |
| September | 14399.1 | 3183.9 | 2529.3 | 4169.3 | 1796.9 | 3844.3 | 6158.4 | 36081.2 |
| December | 14352.4 | 3244.1 | 2553.0 | 4285.9 | 1803.8 | 3869.6 | 6166.6 | 36275.5 |
| 2000 |  |  |  |  |  |  |  |  |
| March | 14289.4 | 3307.7 | 2539.8 | 4411.5 | 1802.8 | 3894.1 | 6132.1 | 36377.4 |
| June | 14262.0 | 3317.4 | 2494.1 | 4506.4 | 1780.7 | 3954.9 | 6083.5 | 36399.3 |
| September | 14307.6 | 3296.8 | 2448.0 | 4567.7 | 1747.0 | 4052.7 | 6049.8 | 36470.2 |
| December | 14376.4 | 3265.1 | 2421.7 | 4592.3 | 1715.9 | 4163.5 | 6030.3 | 36548.1 |


| ORIGINAL (\% change from preceding quarter) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| September | 2.7 | 4.0 | -2.8 | 7.5 | 6.5 | 7.4 | 2.2 | 3.5 |
| December | 8.2 | 47.1 | 25.6 | 17.7 | 21.7 | 20.1 | 10.0 | 16.0 |
| 2000 |  |  |  |  |  |  |  |  |
| March | -8.4 | -39.2 | -26.2 | -12.7 | -19.4 | -23.1 | -8.3 | -15.7 |
| June | -2.1 | 22.8 | 18.9 | 7.9 | -3.8 | 8.0 | -4.5 | 2.9 |
| September | 2.3 | -15.0 | -18.1 | -5.0 | 2.0 | 1.9 | 2.9 | -1.7 |
| December | 7.6 | 54.4 | 30.9 | 16.9 | 19.3 | 26.4 | 8.1 | 16.7 |

SEASONALLY ADJUSTED (\% change from preceding quarter)

| 1999 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| September | 1.4 | 4.3 | 0.7 | 4.5 | 0.9 | 3.1 | 1.0 | 2.0 |
| December | 0.2 | 2.4 | 3.2 | 3.0 | 0.0 | 0.8 | 0.4 | 1.0 |
| 2000 |  |  |  |  |  |  |  |  |
| March | -1.9 | -1.2 | -3.4 | 1.5 | -0.1 | -1.9 | 0.1 | -1.1 |
| June | 0.3 | 9.2 | 7.5 | 9.3 | 0.2 | 5.7 | -2.6 | 2.7 |
| September | 0.8 | -15.2 | -15.6 | -7.5 | -3.8 | -1.9 | 1.7 | -3.3 |
| December | 0.0 | 7.5 | 7.8 | 2.3 | -1.6 | 5.7 | -1.2 | 1.8 |


| TREND ESTIMATES (\% change from preceding quarter) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |
| September | 0.3 | 1.2 | 1.6 | 3.6 | 0.4 | 1.7 | 1.5 | 1.2 |
| December | -0.3 | 1.9 | 0.9 | 2.8 | 0.4 | 0.7 | 0.1 | 0.5 |
| 2000 |  |  |  |  |  |  |  |  |
| March | -0.4 | 2.0 | -0.5 | 2.9 | -0.1 | 0.6 | -0.6 | 0.3 |
| June | -0.2 | 0.3 | -1.8 | 2.2 | -1.2 | 1.6 | -0.8 | 0.1 |
| September | 0.3 | -0.6 | -1.8 | 1.4 | -1.9 | 2.5 | -0.6 | 0.2 |
| December | 0.5 | -1.0 | -1.1 | 0.5 | -1.8 | 2.7 | -0.3 | 0.2 |
| (a) Reference year for chain volume measures is 1998-99. <br> (b) See paragraph 3 of the Explanatory Notes See paragraph 16 of the Explanatory Notes. |  |  |  |  |  |  |  |  |



| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | 12432.6 | 8929.3 | 6602.2 | 2629.8 | 3650.2 | 825.6 | 385.4 | 678.0 | 36133.1 |
| December | 12523.5 | 8950.8 | 6737.7 | 2674.6 | 3723.6 | 814.7 | 392.5 | 685.5 | 36502.9 |
| 2000 |  |  |  |  |  |  |  |  |  |
| March | 12410.2 | 8714.0 | 6709.8 | 2645.2 | 3722.0 | 804.4 | 391.5 | 700.5 | 36097.5 |
| June | 12837.2 | 8893.3 | 6831.0 | 2700.0 | 3858.7 | 801.7 | 402.2 | 761.5 | 37085.6 |
| September | 12576.7 | 8357.6 | 6710.3 | 2611.9 | 3703.8 | 782.5 | 386.1 | 714.5 | 35843.3 |
| December | 12602.0 | 8699.0 | 6847.0 | 2724.0 | 3661.1 | 802.5 | 383.3 | 752.9 | 36471.8 |


| TREND ESTIMATES (\$ million) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | 12427.6 | 8871.4 | 6624.0 | 2617.9 | 3661.2 | 819.8 | 385.9 | 673.4 | 36081.2 |
| December | 12455.1 | 8896.9 | 6682.6 | 2648.1 | 3699.9 | 814.6 | 390.9 | 687.4 | 36275.5 |
| 2000 |  |  |  |  |  |  |  |  |  |
| March | 12521.5 | 8796.3 | 6733.5 | 2664.0 | 3754.5 | 805.6 | 394.4 | 707.6 | 36377.4 |
| June | 12598.9 | 8684.0 | 6758.4 | 2667.9 | 3771.2 | 797.9 | 393.7 | 727.6 | 36399.3 |
| September | 12668.1 | 8638.2 | 6794.7 | 2685.9 | 3752.6 | 796.6 | 390.2 | 744.0 | 36470.2 |
| December | 12701.4 | 8638.4 | 6841.8 | 2709.4 | 3714.3 | 798.2 | 385.6 | 754.0 | 36548.1 |

ORIGINAL (\% change from previous quarter)

| 1999 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| September | 2.4 | 4.2 | 5.1 | 4.7 | 1.7 | 1.6 | 9.6 | 4.7 | 3.5 |
| December | 15.7 | 17.1 | 14.3 | 17.3 | 18.7 | 16.2 | 1.7 | 15.5 | 16.0 |
| 2000 |  |  |  |  |  |  |  |  |  |
| March | -15.4 | -18.0 | -14.5 | -15.9 | -14.0 | -14.8 | -15.5 | -14.9 | -15.7 |
| June | 3.9 | 2.2 | 1.8 | 2.4 | 2.3 | -2.0 | 12.2 | 12.3 | 2.9 |
| September | -0.9 | -4.9 | 1.8 | -2.2 | -2.8 | -3.1 | 3.9 | -4.7 | -1.7 |
| December | 14.9 | 21.4 | 14.1 | 20.7 | 14.1 | 21.1 | -1.3 | 20.1 | 16.7 |


| SEASONALLY ADJUSTED (\% change from previous quarter) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | 1.3 | 3.3 | 1.6 | 3.6 | 0.9 | 2.3 | 1.5 | 3.3 | 2.0 |
| December | 0.7 | 0.2 | 2.1 | 1.7 | 2.0 | -1.3 | 1.8 | 1.1 | 1.0 |
| 2000 |  |  |  |  |  |  |  |  |  |
| March | -0.9 | -2.6 | -0.4 | -1.1 | 0.0 | -1.3 | -0.2 | 2.2 | -1.1 |
| June | 3.4 | 2.1 | 1.8 | 2.1 | 3.7 | -0.3 | 2.7 | 8.7 | 2.7 |
| September | -2.0 | -6.0 | -1.8 | -3.3 | -4.0 | -2.4 | -4.0 | -6.2 | -3.3 |
| December | 0.2 | 4.1 | 2.0 | 4.3 | -1.2 | 2.5 | -0.7 | 5.4 | 1.8 |


| TREND ESTIMATES (\% change from previous quarter) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | 0.9 | 2.1 | 1.1 | 1.1 | 0.5 | 0.5 | 1.4 | 1.7 | 1.2 |
| December | 0.2 | 0.3 | 0.9 | 1.2 | 1.1 | -0.6 | 1.3 | 2.1 | 0.5 |
| 2000 |  |  |  |  |  |  |  |  |  |
| March | 0.5 | -1.1 | 0.8 | 0.6 | 1.5 | -1.1 | 0.9 | 2.9 | 0.3 |
| June | 0.6 | -1.3 | 0.4 | 0.1 | 0.4 | -1.0 | -0.2 | 2.8 | 0.1 |
| September | 0.5 | -0.5 | 0.5 | 0.7 | -0.5 | -0.2 | -0.9 | 2.3 | 0.2 |
| December | 0.3 | 0.0 | 0.7 | 0.9 | -1.0 | 0.2 | -1.2 | 1.3 | 0.2 |

(a) Reference year for chain volume measures is 1998-99. See paragraph 16 of the Explanatory Notes.

## EXPLANATORY NOTES

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.
2 Estimates of turnover contained in this publication are based on a survey of about 6,600 retail and selected service businesses (covering 20,000 outlets). All 'large' businesses are included in the survey, while a sample of about 3,800 'smaller' businesses is selected. The 'large' business' contribution of approximately $56 \%$ of the total estimate ensures a highly reliable Australian total turnover estimate.
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)
    \bulletClothing and Soft Good Retailing
    Clothing retailing (5221)
    Other clothing related retailing
            Footwear retailing (5222)
            Fabric and other soft good retailing (5223)
\bulletHousehold 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)
```


## EXPLANATORY NOTES

SCOPE AND COVERAGE continued

- Hospitality and Services

Hotels and licensed clubs
Pubs, taverns and bars (5720)
Clubs (Hospitality) (5740)
Cafes and restaurants (5730)
Selected services
Video hire outlets (9511)
Hairdressing and beauty salons (9526).

4 The Retail Trade survey, like most ABS economic surveys, takes its frame from the ABS Business Register which is primarily based on registrations to the Australian Taxation Office's Group Employer scheme. The frame is updated quarterly to take account of new businesses, cessations, changes in employment levels, changes in industry and other general business changes. Cessations include businesses which have cancelled their Group Employer registration or have not remitted to the Australian Taxation Office for five quarters or more. The estimates include an allowance for the time it takes a newly registered business to get on to the survey frame.

5 The use of Group Employer information to remove businesses from the Retail survey frame was introduced from the July 1999 reference month. Updating the frame to take account of changes in employment levels and industry was introduced from the April 2000 reference month. Both of these changes resulted in a shift in the level of the Retail series. However, in both cases historic data were revised to progressively phase in this shift of level. As a result of this process, month to month movements were not perceptibly affected.
6 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. From July 2000, turnover includes GST.

7 Seasonally adjusted estimates are derived by estimating and removing systematic calendar related effects from the original series. In the Retail trade series, these calendar related effects are known as seasonal (eg increased spending in December as a result of Christmas) and trading day influences (arising from the varying length of each month and the varying number of Sundays, Mondays, Tuesdays, etc in each month). Each influence is estimated by separate seasonal and trading day factors which, when combined, are referred to as the combined adjustment factors.
8 The Retail series uses a concurrent seasonal adjustment methodology to derive the combined adjustment factors. This means that data from the current month are used in estimating seasonal and trading day factors for the current and previous months. Concurrent seasonal adjustment replaced the forward factor methodology from the April 2000 reference month. For more information see the information paper Introduction of Concurrent Seasonal Adjustment into the Retail Trade Series (Cat. no.8514.0).

## EXPLANATORYNOTES

9 Concurrent adjustment can result in revisions each month to estimates for earlier periods. However, in most instances, the only noticeable revisions will be to the combined adjustment factors for the current month, the previous month and the same month a year ago. The following table shows how the combined adjustment factor for these months, at the total Australian Retail, hospitality and services level, evolved under the concurrent seasonal adjustment methodology. The table presents two different estimates of the combined adjustment factors. The first row gives the combined adjustment factors estimated following the last annual reanalysis in July 1999 using data up to and including the June 1999 reference month. The second row gives the most recent combined adjustment factors estimated and used in this month's calculation of the concurrent seasonally adjusted series.

## COMBINED ADJUSTMENT FACTORS

$$
\text { Dec } 1999 \text { Nov } 2000 \text { Dec } 2000
$$

| Factors as estimated at last reanalysis | 1.31875 | 1.03983 | 1.30280 |
| :--- | :--- | :--- | :--- |
| (June 2000 reference month) | 1.32135 | 1.03955 | 1.30689 |
| Factors as estimated with current month's data <br> (December 2000 reference month) |  |  |  |

10 The seasonal adjustment methodology, is able to produce combined adjustment factors for future months. The latest factors for some future months are shown in the following table. While these factors represent the best current estimate, the actual factors used for estimating the seasonally adjusted estimates in these months will differ because they will incorporate subsequent month's data as it becomes available.

```
COMBINED ADJUSTMENT FACTORS
\[
\text { Jan } 2001 \text { Feb } 2001 \text { Mar } 2001
\]
```

$\begin{array}{lllll}\text { Factors as estimated with current month's data } & 0.98256 & 0.88396 & 0.98276\end{array}$ (December 2000 reference month)

11 The seasonal and trading day factors are reviewed annually at a more detailed level than possible in the monthly processing cycle. The annual reanalysis will not normally result in significant changes. For Retail Trade, the results of the latest review are shown in the July issue each year.

12 In the seasonal adjustment process, both the seasonal and trading day factors evolve over time to reflect changes in spending and trading patterns. Examples of this evolution include the slow move in spending from December to January; and, increased trading activity on weekends and public holidays. The seasonally adjusted estimates still reflect the sampling and non-sampling errors to which the original estimates are subject.

13 As a result of the different treatment of Australian and State totals in the seasonal adjustment process, the Australian total for an industry group may not necessarily equal the sum of the State totals for that industry group.

## EXPLANATORY NOTES

TREND ESTIMATES

CHAIN VOLUME MEASURES

RELIABILITY OF ESTIMATES

14 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 is used that have been tailored to reduce a small bias associated with estimating these recent values when the trend growth is increasing or decreasing.

15 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 0262526345

16 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 1998-1999). 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 2000-2001 financial year) which are based upon the 1998-1999 financial year.
Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series.

17 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.

18 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.

19 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).


## EXPLANATORYNOTES

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

|  | Food retailing | $\begin{array}{\|l} \text { Department } \\ \text { stores } \end{array}$ | Clothing and soft good retailing | Household good retailing | Recreational 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 |

UNPUBLISHED DATA

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SYMBOLS AND OTHER USAGES

21 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.

22 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.
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## IMPACT OF THE NEW TAX SYSTEM ON THE RETAIL TRADE TREND SERIES

INTRODUCTION
IMPACT OF THE NEW TAX SYSTEM
ON RETAIL TRADE

The ABS process for calculating trend estimates attempts to identify the underlying behaviour of statistical time series by excluding the impact of seasonal and irregular, or unusual, influences on the data. The New Tax System (TNTS) has had both short and long term impacts on Australian retailing. Short term impacts associated with the introduction of TNTS are not considered part of the underlying behaviour of the series and so the trend series, in current price terms, was suspended as at June 2000 until spending behaviour stabilised and the impacts could be accurately measured and removed. As expected, it has taken some months for regular spending patterns to be re-established and this process has been further complicated by unusual spending associated with the Sydney 2000 Olympic Games.

The Retail Trade current price trend series has been reintroduced with the December 2000 issue of this publication. This appendix describes the impact of TNTS on the Retail Trade series and how it was treated and measured.

The introduction of TNTS impacted on the Retail Trade series in four ways.
Firstly, spending patterns changed prior to the introduction of TNTS on 1 July 2000. While June 2000 was the main month affected, the effect also extended back into April and May for some goods, although to a lesser extent. The principal pre-TNTS impact on retail turnover was an increase in the volume of goods sold as consumers brought purchases forward. These pre-TNTS effects occurred across all States but not in all industries and contributed significantly to the overall increase in Australian turnover of $4.9 \%$ in original terms between May and June 2000. This represented an increase of $7.5 \%$ in seasonally adjusted terms for this period.
Secondly, from 1 July 2000 the Retail Trade series recorded turnover inclusive of the GST. The net effect of TNTS (i.e. the removal of the Wholesale Sales Tax and the inclusion of the GST) resulted in a one-off change in prices so a trend break had to be introduced between the June and July reference months. The Retail Trade series is recorded inclusive of the GST because it is used in the national accounts, and more generally, to measure household final consumption expenditure (i.e. the actual value paid by consumers).

Thirdly, spending patterns in July 2000 were unusual as many industries had a decrease in sales as a result of consumers having previously brought forward purchases to June. Hence, while the price of most goods rose from 1 July 2000, the volume of goods sold across most industries and States dropped, leading to an overall decrease in Australian turnover of $7.0 \%$ in original terms for July 2000 over June 2000. This represented a seasonally adjusted decrease of $8.9 \%$.
Fourthly, spending patterns were affected for a number of months after July but not as dramatically and stabilised spending patterns emerged slowly and at a different rate across industries. The return to stable spending patterns was complicated in New South Wales and some industries by the Sydney 2000 Olympic Games.

## IMPACT OF THE NEW TAX SYSTEM ON THE RETAIL TRADE TREND SERIES

METHOD USED TO TREAT IMPACTS OF TNTS IN THE RETAIL TRADE TREND SERIES

PRIOR CORRECTIONS APPLIED TO THE RETAIL TRADE TREND SERIES

Extreme values can affect the integrity of the trend series because they may not be sufficiently smoothed during the trending process. Given prior knowledge of an extreme event, its magnitude can be measured and then the effect removed prior to the derivation of the seasonally adjusted and the trend series. This is known as prior correction.

In addition to short term impacts, TNTS resulted in a permanent level shift (trend break) as a result of long term changes in pricing and changes in spending patterns.

A technique called intervention analysis was used to simultaneously calculate the impact on the Australian retail trade series of unusual spending in June and July 2000 (treated as prior corrections) and a permanent level shift (trend break) between June and July due to the introduction of TNTS. This technique requires enough monthly data after the time at which the trend break occurred to ensure that spending behaviour has stabilised before the trend break can be accurately estimated. However, this needs to be balanced against the fact that the longer the period of post-TNTS data used to estimate the size of the trend break, the more chance there is that non-TNTS related effects will affect the size of the trend break. All TNTS impacts remain in the seasonally adjusted series. However, the short term impacts have been removed from the trend series. The permanent level shift presents as a trend break between June and July 2000.

Re-introduction of the trend series from December 2000 using data from June to November 2000 to estimate the trend breaks was selected as a good compromise between conflicting demands. Prior corrections were only applied in those industries for which a statistically significant impact was found. A pro-rating method has been used to preserve additivity of State level estimates to the Australian level and industry level estimates to the Australian industry level.

The earlier part of this appendix identified four impacts on the Retail Trade trend series as a result of the introduction of TNTS and briefly explained how adjustments for these impacts were calculated. This section summarises the trend series released in this issue after the prior corrections were applied and the next section will discuss the trend break.

The prior correction for unusual retail turnover in June 2000 represented $6.6 \%$ of the June 2000 Australian Retail and Hospitality and services estimate in original current price terms.

The prior correction for unusual retail turnover in July 2000 represented $4.9 \%$ of the July 2000 Australian Retail and Hospitality and services estimate in original current price terms.

A further prior correction is applied to the Retail Trade series to remove the net impact of the Olympics on the series. The net impact of the Olympics for the month of September was estimated and then validated against information gained by direct measurement of the retail activity within Olympic venues. The Olympics were estimated to only have had a significant net impact on New South Wales and in four industries (Clothing and soft good retailing, Hospitality and services, Recreational good retailing and Other retailing). The net impact was estimated at approximately $\$ 170 \mathrm{~m}$ (or $1.4 \%$ of the September 2000 Australian Retail and Hospitality and services estimate in original current price terms). The net impact of the Olympics and Paralympics was also measured for October but was not significant enough to warrant special treatment.

While shopping patterns continue to evolve, no specific prior corrections have been necessary for unusual TNTS-related spending for months after July 2000 because these changes have been effectively handled by the trending process.

## IMPACT OF THE NEW TAX SYSTEM ON THE RETAIL TRADE TREND SERIES

CALCULATING TREND BREAKS IN THE RETAIL TRADE TREND SERIES

The one-off price changes caused by the introduction of TNTS resulted in a break in the Retail Trade current price trend series between June and July 2000. However, the level of the break in the current price trend series will reflect a combination of price change (including the inclusion of the GST) and volume change resulting from a change in purchasing behaviour.

Using data up to November 2000, the intervention analysis technique reliably estimated trend breaks at the Australian level but the same degree of accuracy cannot be guaranteed for some States and for some industries, and in particular for the lower level State by industry series, and so pro-rating has been necessary using data at the industry level and the State level.

Four situations can arise when attempting to calculate a trend break for a series:

- a well-established trend break is apparent
- a trend break exists but it is not statistically significant
- the series has not yet stabilised and so technically it is too early to introduce a trend break
- the series is too volatile and so it is not possible to estimate a trend break.

In practice for the Retail Trade series, there are State and/or industry series that fall into each of these situations although most are spread through the first two. There is no clearly defined trend break for the remaining States and industries because of the interaction between the price change and volume change resulting from behavioural change on the part of the consumer and in some cases the retailer. The interaction between these two factors differs across industries and across States.

Intervention analysis identified a trend break at the Australian level (1.9\%) and for all States and published industries. A trend break (albeit a very small one in a small number of cases and a conceptual one in others) has been created for each of the series despite the fact that a small number of series have not yet stabilised or are too volatile to estimate a trend break. The trend breaks will be reviewed when the next annual reanalysis of the seasonal adjustment factors is done in July 2001.

The graph below shows the Australian level Retail Trade current price series both with and without corrections for impacts of TNTS and the Sydney 2000 Olympic Games.

RETAIL TRADE - AUSTRALIA LEVEL CURRENT PRICE TO NOVEMBER 2000


## IMPACT OF THE NEW TAX SYSTEM ON THE RETAIL TRADE TREND SERIES

CALCULATING TREND BREAKS IN THE RETAIL TRADE TREND SERIES continued

INTERPRETING THE RETAIL TRADE TREND SERIES

The chart shows that if the trend break and prior corrections for June, July and the Olympics had not been inserted the measurement of the underlying behaviour of the trend series would have been distorted. In particular, the Retail series would have been shown as performing considerably stronger in the March to June 2000 period. In addition, if the trend series, without correction, had been released for each of the last five months, the series would have displayed considerable volatility between months.

All states except Victoria recorded a positive trend break between June and July 2000, with the size ranging from $0.03 \%$ for Northern Territory and $3.97 \%$ for New South Wales. Victoria recorded a trend break of $-0.73 \%$. The size and the direction of the trend break can vary between states because the current price value series is a combination of price and volume and Victoria, for example, recorded a large decrease in the volume of retail turnover between the June and September 2000 quarters.
The Retail Trade series is primarily designed to provide high quality estimates of movement in retail turnover at the Australian level. This normally also results in good quality data at the state and publication industry level. However, as with all sample surveys, the series are subject to sampling error (including sample rotation effects) and non-sampling error (such as misreporting of data, non response, etc) although the ABS attempts to minimise the extent of these errors. The size of the sampling error should be considered when assessing the size of the recorded trend breaks.

Industries which recorded positive trend breaks were Hospitality and services $(+6.2 \%)$, Food retailing ( $+2.6 \%$ ), Household goods $(+1.5 \%)$ and Department stores $(+1.1 \%)$. Clothing and soft good retailing ( $-2.0 \%$ ), Recreational good retailing ( $-1.3 \%$ ) and Other retailing $(-2.2 \%)$ recorded negative trend breaks.

In summary, the impact of TNTS on the Retail Trade current price series has been measured, a break in the trend series has been established and the trend series has been reintroduced. Given the importance placed on the trend series by the ABS, the decision to suspend it from publication for the last five months was a difficult one but it was the most appropriate action to take. The analysis that has been done over the last few months strongly supports the use of the reintroduced trend series as the most reliable source of information on the underlying behaviour of the data.

Some smaller industries do not yet have stable spending patterns or are too volatile to accurately estimate a trend break and caution should be used in interpreting the trend for these series. This particularly applies to State by industry data especially for the smaller States.

An important caveat that should be placed on the use of the current price trend series is that it is not appropriate to use the size of the trend break to measure the price effect of TNTS on the retail sector of the economy, as the break in this series is a combination of both price and volume effects.

## IMPACT OF THE NEW TAX SYSTEM ON THE RETAIL TRADE TREND SERIES

IMPLICATIONS FOR THE CHAIN VOLUME MEASURE TREND SERIES

IMPLICATIONS FOR THE RETAIL TRADE SEASONALLY ADJUSTED SERIES

The June and September 2000 quarter Retail Trade chain volume measure trend series continued to be published despite the fact that the current price trend series had been suspended. The impact of unusual pre- and post-TNTS spending was removed from the chain volume series and it provided a good measure of the levels and changes in the volume of retail turnover.

There are two reasons why the post-TNTS related influences could be measured and removed from the chain volume trend series before this could be done for the current price trend series. Firstly, the deflation process used in calculating the chain volume measures removed the effect of the change in price on the series. Secondly, an assumption was made that the pre-TNTS increase in spending was approximately equal to the post-TNTS decrease at the time. This assumption could be applied to a quarterly series more readily than a monthly series.

With the benefit of additional time, this assumption has been reviewed and it has been found to be appropriate at the Australian and State total levels. However, the assumption does not hold as well for some industries and pre- and post-TNTS prior corrections for the June and September quarters have been recalculated and more accurate chain volume trend series are presented in this issue. The revisions involved are not significant.

The prior corrections and trend break resulting from the intervention analysis technique are also used in the production of the Retail Trade seasonally adjusted series. As the intervention analysis technique could only be used once sufficient data post July 2000 were available, this technique could not be used for seasonally adjusted estimates released in earlier issues of this publication. Instead another technique was used to ensure that the unusual spending associated with TNTS did not distort the seasonally adjusted series during the period from June 2000 to November 2000. However, this technique could not be used to calculate the trend break.
The results of the intervention analysis have now been used for both the seasonally adjusted and trend series and this has cause some minor revisions for the seasonally adjusted series produced previously. The size of the revisions is likely to be more significant for months further away from June 2000 which is one reason the trend was reintroduced as soon as practicable.

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