

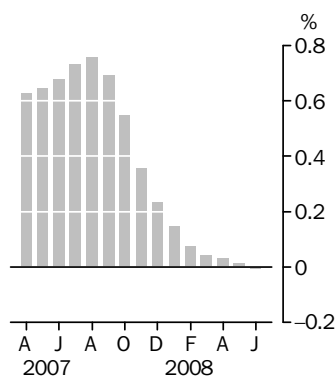
RETAIL TRADE

AUSTRALIA

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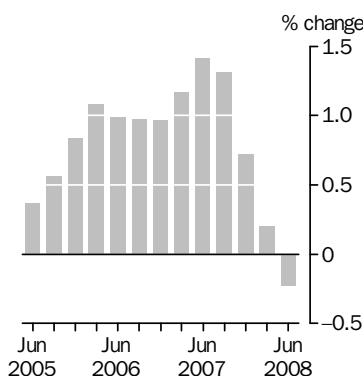
Monthly turnover

Trend estimates
% change



Quarterly turnover

in volume terms
Trend estimates



INQUIRIES

For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Jeremy Walker on Canberra (02) 6252 5451.

KEY FIGURES

| | Jun 08 \$m | May 08 to Jun 08 % change |
|-----------------------------------|----------------------|---|
| Turnover at current prices | | |
| Trend estimates | 20 113.4 | 0.0 |
| Seasonally adjusted estimates | 20 036.5 | -1.0 |
| | | |
| | Jun Qtr 08 \$m | Mar Qtr 08 to Jun Qtr 08 % change |
| Turnover, in volume terms | | |
| Trend estimates | 57 134.2 | -0.2 |
| Seasonally adjusted estimates | 56 930.5 | -0.6 |

KEY POINTS

TREND ESTIMATES

- The trend estimate of turnover for the Australian Retail and Hospitality/Services series was unchanged in June 2008. The previous three months have all been revised to no change in the trend estimate.
- In June 2008, industries that had an increase in the trend estimate were Food retailing (+0.2%) and Other retailing (+0.3%). Department stores (-0.8%), Clothing and soft good retailing (-0.6%), Recreational good retailing (-0.2%) and Hospitality and services (-0.1%) had a decline in the trend estimate.

SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate of turnover for the Australian Retail and Hospitality/Services series decreased by 1.0% in June 2008. This follows a revised increase of 0.9% in May 2008 and a revised decrease of 0.4% in April 2008.
- All industries except, Household good retailing (+0.8%) and Hospitality and services (0.0%), had a decrease in June 2008. The largest decreases were in Department stores (-5.2%) and Clothing and soft good retailing (-5.0%).

ORIGINAL ESTIMATES

- In original terms, Australian turnover decreased by 3.9% in June 2008 compared with May 2008. Chains and other large retailers (which are completely enumerated) decreased by 2.9%, while the estimate for 'smaller' retailers (the sampled units) decreased by 5.3%.
- Australian turnover increased by 1.9% in June 2008 compared with June 2007. Chains and other large retailers increased by 4.0%, while 'smaller' retailers decreased by 0.9%.

VOLUME MEASURES

- The trend volume measure of turnover decreased by 0.2% in the June quarter 2008. This follows a 0.2% increase in the March quarter 2008. In seasonally adjusted terms, the volume measure decreased by 0.6% in the June quarter 2008.

NOTES

FORTHCOMING ISSUES

| <i>ISSUE</i> | <i>RELEASE DATE</i> |
|----------------|---------------------|
| July 2008 | 9 September 2008 |
| August 2008 | 30 September 2008 |
| September 2008 | 3 November 2008 |
| October 2008 | 2 December 2008 |
| November 2008 | 7 January 2009 |
| December 2008 | 4 February 2009 |

CHANGES IN THIS ISSUE

Quarterly Chain Volume data are shown in Tables 14 and 15 of this issue.

SAMPLING ERRORS

Standard errors for the Australian estimates (original data) for June 2008 contained in this publication are:

| <i>Data Series</i> | <i>Estimate</i> | <i>Standard error</i> |
|-----------------------------------|-----------------|-----------------------|
| Level of retail turnover (\$m) | 19 061.4 | 143.7 |
| Change from preceding month (\$m) | -775.4 | 52.5 |
| % change from preceding month (%) | -3.9 | 0.3 |

For more information see the Explanatory Notes, paragraphs 32–36.

ABBREVIATIONS

| | |
|--------|---|
| ABN | Australian Business Number |
| ABS | Australian Bureau of Statistics |
| ANZSIC | Australian and New Zealand Standard Industrial Classification |
| ARIMA | autoregressive integrated moving average |
| ATO | Australian Taxation Office |
| n.e.c. | not elsewhere classified |
| PAYGW | pay-as-you-go withholding |
| RSE | relative standard error |
| TAU | type of activity unit |

Brian Pink
Australian Statistician

FORTHCOMING CHANGES

RECENT DEVELOPMENTS

A note in the May 2008 issue of this publication advised of significant changes to the Retail Business Survey occurring from the July 2008 reference month. The changes include an approximate two-thirds reduction in the sample size used to create monthly estimates. This note repeats the summary of key changes and provides additional information on the new quarterly output to be provided from the redesigned survey.

KEY CHANGES TO THE RETAIL BUSINESS SURVEY

The key changes to be made to the Retail Business Survey and this publication are:

- the aim of the survey will be to produce a quarterly series with similar detail (apart from the industries mentioned below which are now excluded) to that released in the current monthly publication whilst maintaining a broad level monthly series
- a new sampling methodology will be adopted whereby each sampled business is only required to provide data for one month in each quarter
- commentary in the monthly publication will focus on the trend series
- there will be a new separate quarterly publication which will include commentary on seasonally adjusted series
- Hotels and licensed clubs and Selected service industries will be excluded from the survey.

There will be increased volatility in month to month movements in the original and seasonally adjusted series because of the smaller sample size and the rotation effect of having a different third of the sample reporting each month.

DELAY TO THE JULY ISSUE

The July monthly issue will be released on 9 September 2008. This is one week later than the previously published release date. This delay is required to provide sufficient time to fully validate changes to the historical series and electronic spreadsheets. Subsequent monthly issues will be released according to the published schedule.

MONTHLY OUTPUT

Monthly output from the redesigned Retail Business Survey will be considerably less detailed than that currently available monthly. State by industry data will not be available monthly and industry detail will only be available at the broader group level.

Only trend data (level, percentage change from previous month and percentage change from same month in the previous year) will be presented in the tables included in the publication. The original and seasonally adjusted estimates will have increased volatility from the new sampling methodology and are considered of limited use for measuring month to month movements. However, for analytical purposes seasonally adjusted and original data will be made available in the time series data spreadsheets provided with this publication on the ABS website.

Trend data will be provided for Australia, industry groups and State totals. Industry groups to be included in the publication are Food retailing (excluding takeaway food retailing), Cafes restaurants and takeaway food services, Department stores, Clothing and soft good retailing, Household good retailing and Other retailing (including the Recreational good retailing industry which is currently shown separately in this publication).

FORTHCOMING CHANGES *continued*

MONTHLY OUTPUT *continued*

The following series will be available from the Details tab of this publication to assist users in their understanding of the trend series and enable them to undertake their own detailed analysis:

- retail turnover level by industry group - original, seasonally adjusted and trend
- retail turnover percentage change from previous month by industry group - original, seasonally adjusted and trend
- retail turnover percentage change from same month in the previous year by industry group - original, seasonally adjusted and trend
- retail turnover relative standard errors by industry group - original
- retail turnover level by state - original, seasonally adjusted and trend
- retail turnover percentage change from previous month by state - original, seasonally adjusted and trend
- retail turnover percentage change from same month in the previous year by state - original, seasonally adjusted and trend
- retail turnover relative standard errors by state - original
- retail turnover completely enumerated sector total level - original, seasonally adjusted and trend.

Appropriate caveats will be included with the above series advising that care needs to be exercised when using the original and seasonally adjusted series. The monthly publication will retain catalogue number 8501.0 but will be renamed *Retail Trade Trends, Australia*.

QUARTERLY OUTPUT

While the level of detail that will be released quarterly is yet to be finalised, it is likely that the quarterly output will include:

- the same six industry groups as in the monthly publication described above but at the state level - original, seasonally adjusted and trend
- 15 more detailed industry sub-groups at the state level - original, seasonally adjusted and trend
- retail turnover percentage change from previous month by state by industry sub-group - original, seasonally adjusted and trend
- retail turnover percentage change from same month in the previous year by state by industry sub-group - original, seasonally adjusted and trend
- retail turnover relative standard errors by industry group and industry sub-group - original
- retail turnover relative standard errors by state - original
- retail turnover completely enumerated sector total level - original, seasonally adjusted and trend
- chain volume measures estimates at a similar level of detail as currently provided quarterly but estimates will be directly seasonally adjusted rather than aggregated from monthly seasonally adjusted estimates (as is currently done).

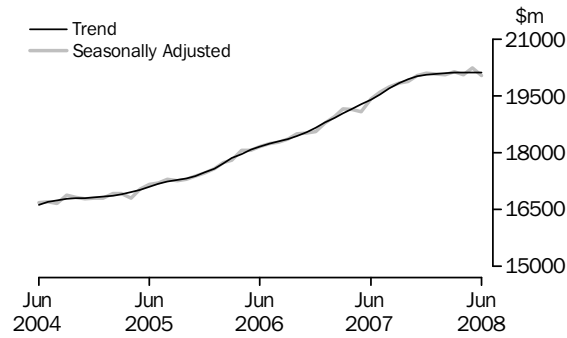
The quarterly publication will have a separate catalogue number and will be released two weeks after the release in respect of the last month of the quarter.

INDUSTRY TRENDS

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

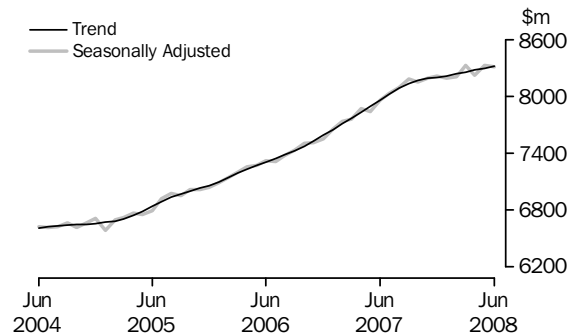
TOTAL RETAIL

There has been no change in the trend estimate for four months. Department stores, Clothing and soft good retailing (both four months) and Hospitality and services (six months) have had a decline in the trend estimate. Food retailing (eight months) and Other retailing (four months) have had weak growth.



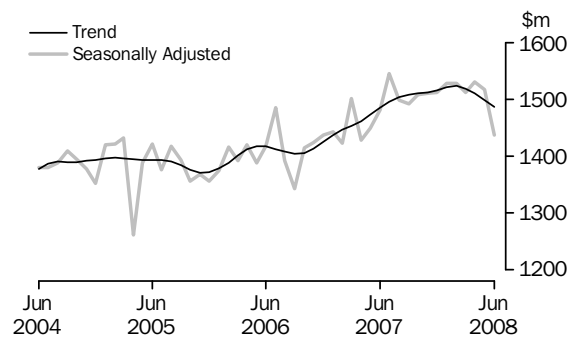
FOOD RETAILING

There has been eight months of weak trend growth. Victoria has had a decline in the trend estimate for two months. New South Wales has had weak trend growth for three months after four months of decline.



DEPARTMENT STORES

There has been a decline in the trend estimate for four months. All published states have had a decline in the trend estimate for at least two months.

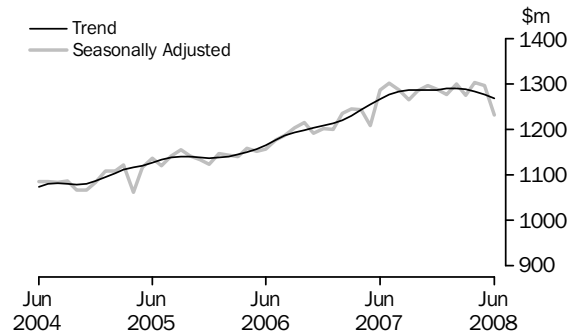


INDUSTRY TRENDS *continued*

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

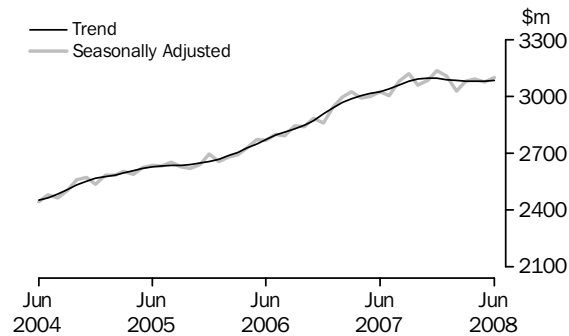
**CLOTHING AND SOFT
GOOD RETAILING**

There has been a decline in the trend estimate for four months. New South Wales (three months), Victoria (four months), Queensland (12 months), South Australia and Tasmania (both five months) have had a decline in the trend estimate.



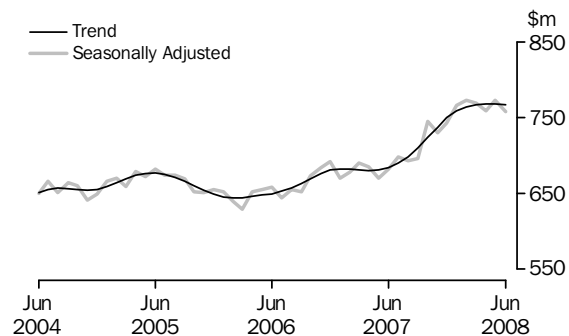
**HOUSEHOLD GOOD
RETAILING**

Following slight declines in the four months to March 2008, there has been no change in the trend estimate for two of the last three months. New South Wales (three months) and Western Australia (14 months) have had a decline in the trend estimate. Victoria (eight months) and Queensland (three months) have had weak trend growth.



**RECREATIONAL GOOD
RETAILING**

After three months of weak trend growth, there was a decline in the trend estimate in June 2008. Queensland, Western Australia, Tasmania and the Northern Territory have had at least five months of strong growth, while New South Wales, Victoria, South Australia and the Australian Capital Territory have had a decline for at least three months.

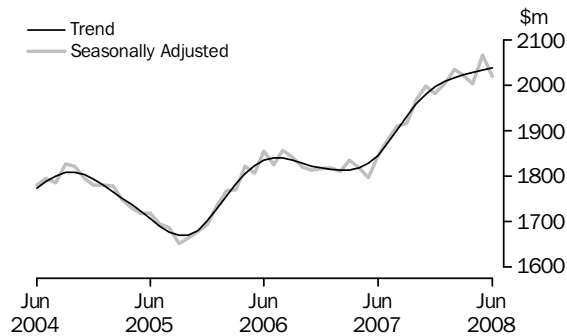


INDUSTRY TRENDS *continued*

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

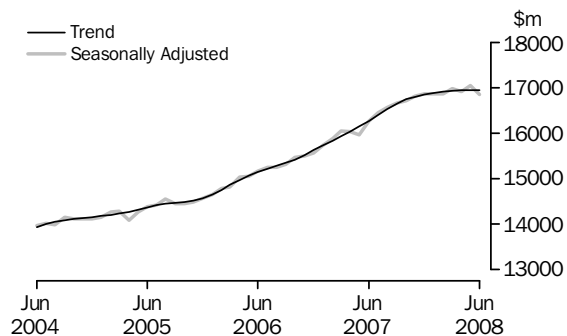
OTHER RETAILING

There have been four months of weak trend growth. Queensland (15 months) and South Australia (13 months) have had strong trend growth. Western Australia had moderate growth in June 2008 after seven months of strong growth. New South Wales (four months), Victoria (three months) and the Australian Capital Territory (four months) have had a decline in the trend estimate.



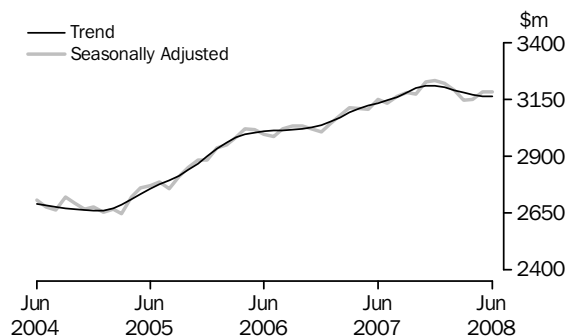
TOTAL RETAIL (EXCLUDING HOSPITALITY AND SERVICES)

For the last two months, the trend growth for both Total retail (excluding Hospitality and services) and Total industries (including Hospitality and services) have had no change.



HOSPITALITY AND SERVICES

There has been a decline in the trend estimate for six months. Victoria and the Australian Capital Territory have had a decline in the trend estimate for at least four months. Queensland had no change in the trend estimate in June 2008 after a decline for nine months.

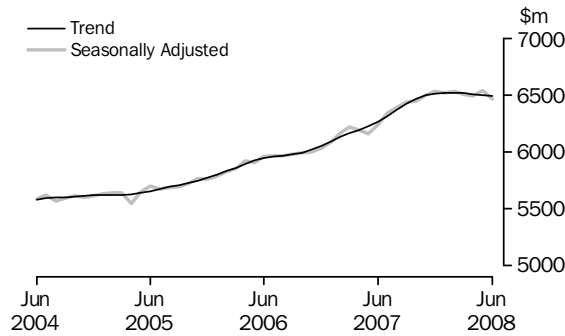


STATE TRENDS

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

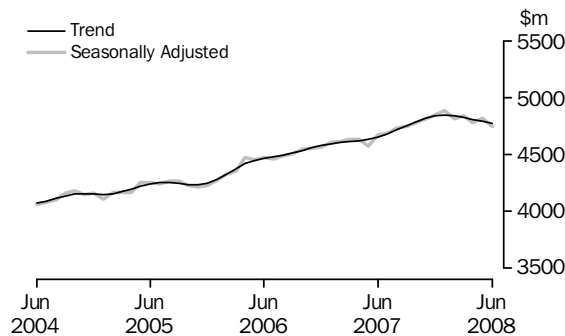
NEW SOUTH WALES

There has been a decline in the trend estimate for four months. Department stores, Clothing and soft good retailing, Household good retailing, Recreational good retailing and Other retailing have had a decline in the trend estimate for at least three months.



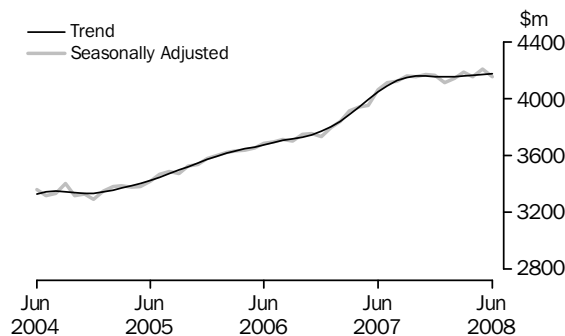
VICTORIA

There has been a decline in the trend estimate for five months. All industries, except Household good retailing, have had a decline in the trend estimate for at least two months.



QUEENSLAND

There has been weak trend growth for five months. Department stores (three months) and Clothing and soft good retailing (12 months) have had a decline in the trend estimate. Hospitality and services had no change in the trend estimate in June 2008, after nine months of being in decline. Food retailing (two months) and Household good retailing (three months) have had weak trend growth.

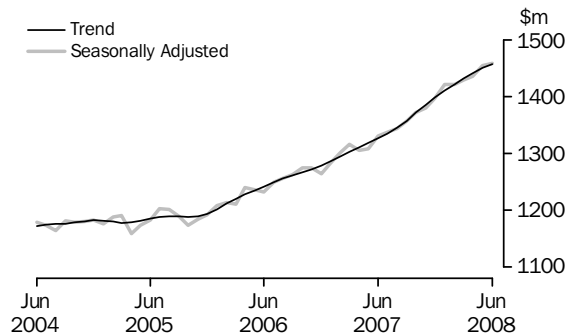


STATE TRENDS *continued*

MONTHLY SEASONALLY ADJUSTED AND TREND ESTIMATES

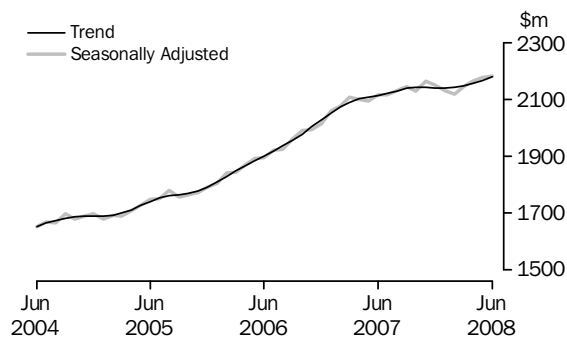
SOUTH AUSTRALIA

There have been four months of moderate trend growth. Household good retailing (four months) and Other retailing (13 months) have had strong growth. After 16 months of strong growth, Hospitality and services had moderate growth in June 2008. Department stores, Clothing and soft goods retailing (both five months) and Recreational good retailing (four months) have had a decline in the trend estimate.



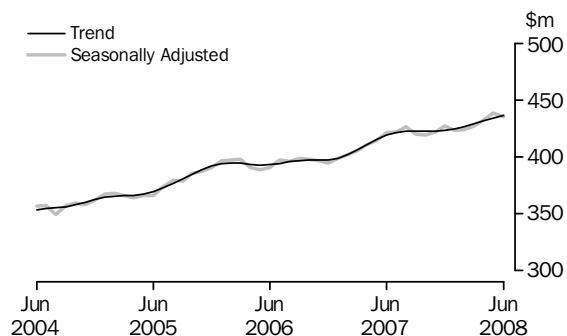
WESTERN AUSTRALIA

There has been moderate trend growth for three months. Recreational good retailing has had 13 months of strong growth. After seven months of strong growth, Other retailing had moderate growth in June 2008. Food retailing (five months) and Hospitality and services (two months) had moderate growth, while Department stores (two months) and Household good retailing (14 months) had a decline in the trend estimate.



TASMANIA

There have been six months of moderate trend growth. Food retailing (two months), Recreational good retailing (five months) and Hospitality and services (16 months) have had strong growth.



RETAIL TURNOVER, By Industry Group(a)

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality and services | Total |
|----------------------------------|-------------------|----------------------|--|--------------------------------|-----------------------------------|--------------------|--------------------------------|----------|
| ORIGINAL (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 7 659.2 | 1 302.6 | 1 179.3 | 2 641.8 | 620.7 | 1 627.3 | 3 033.0 | 18 063.8 |
| May | 7 752.9 | 1 365.1 | 1 235.1 | 2 853.8 | 625.5 | 1 756.7 | 3 023.1 | 18 612.2 |
| June | 7 584.5 | 1 491.5 | 1 279.3 | 3 021.9 | 616.8 | 1 689.2 | 3 023.7 | 18 706.9 |
| July | 7 875.1 | 1 462.3 | 1 234.3 | 2 945.9 | 658.4 | 1 770.5 | 3 074.0 | 19 020.5 |
| August | 8 140.7 | 1 315.5 | 1 192.6 | 3 035.9 | 658.8 | 1 892.1 | 3 190.8 | 19 426.4 |
| September | 7 947.2 | 1 353.3 | 1 231.7 | 3 029.9 | 648.4 | 1 860.6 | 3 103.7 | 19 174.7 |
| October | 8 261.4 | 1 440.6 | 1 330.4 | 3 135.8 | 722.0 | 2 019.8 | 3 291.8 | 20 201.8 |
| November | 8 348.2 | 1 687.9 | 1 353.4 | 3 302.1 | 764.2 | 2 170.3 | 3 371.5 | 20 997.7 |
| December | 9 335.9 | 2 747.0 | 1 801.4 | 4 071.0 | 1 118.6 | 2 860.6 | 3 698.6 | 25 633.2 |
| 2008 | | | | | | | | |
| January | 8 298.9 | 1 397.8 | 1 261.4 | 3 105.5 | 774.4 | 1 845.9 | 3 155.3 | 19 839.2 |
| February | 7 836.1 | 1 140.5 | 1 065.7 | 2 745.4 | 721.9 | 1 838.9 | 2 997.5 | 18 345.9 |
| March | 8 411.7 | 1 351.7 | 1 139.4 | 2 812.0 | 741.1 | 1 867.1 | 3 142.3 | 19 465.4 |
| April | 7 980.9 | 1 396.6 | 1 290.7 | 2 845.7 | 705.6 | 1 855.6 | 3 070.9 | 19 146.0 |
| May | 8 279.0 | 1 421.1 | 1 327.1 | 2 939.2 | 723.6 | 2 003.3 | 3 143.5 | 19 836.8 |
| June | 7 838.8 | 1 401.6 | 1 209.7 | 3 063.5 | 677.5 | 1 848.3 | 3 022.1 | 19 061.4 |
| SEASONALLY ADJUSTED (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 7 870.6 | 1 428.4 | 1 242.7 | 2 990.0 | 685.1 | 1 818.2 | 3 109.9 | 19 144.8 |
| May | 7 843.0 | 1 449.1 | 1 208.2 | 2 998.4 | 669.6 | 1 796.6 | 3 107.5 | 19 072.3 |
| June | 7 955.2 | 1 481.7 | 1 286.4 | 3 021.8 | 682.3 | 1 844.7 | 3 148.9 | 19 421.0 |
| July | 8 028.3 | 1 545.6 | 1 300.7 | 3 003.1 | 698.2 | 1 878.5 | 3 133.0 | 19 587.6 |
| August | 8 095.5 | 1 497.9 | 1 287.0 | 3 077.7 | 692.8 | 1 910.4 | 3 163.1 | 19 724.4 |
| September | 8 178.6 | 1 492.1 | 1 265.2 | 3 116.7 | 696.0 | 1 917.4 | 3 177.6 | 19 843.5 |
| October | 8 147.1 | 1 508.0 | 1 284.6 | 3 058.7 | 744.4 | 1 966.7 | 3 174.0 | 19 883.4 |
| November | 8 189.5 | 1 510.1 | 1 296.0 | 3 082.5 | 729.6 | 1 997.3 | 3 224.7 | 20 029.8 |
| December | 8 213.4 | 1 511.3 | 1 287.5 | 3 133.8 | 742.9 | 1 981.0 | 3 234.3 | 20 104.2 |
| 2008 | | | | | | | | |
| January | 8 185.5 | 1 527.3 | 1 276.4 | 3 105.8 | 766.2 | 2 002.9 | 3 218.1 | 20 082.2 |
| February | 8 204.3 | 1 527.0 | 1 300.3 | 3 027.1 | 773.0 | 2 034.8 | 3 188.2 | 20 054.7 |
| March | 8 330.0 | 1 511.4 | 1 273.9 | 3 078.6 | 768.7 | 2 021.9 | 3 145.1 | 20 129.6 |
| April | 8 219.7 | 1 530.3 | 1 302.2 | 3 091.7 | 758.6 | 2 002.4 | 3 150.4 | 20 055.3 |
| May | 8 322.3 | 1 517.4 | 1 296.0 | 3 074.3 | 773.2 | 2 066.2 | 3 182.5 | 20 232.0 |
| June | 8 308.3 | 1 437.8 | 1 231.2 | 3 099.4 | 758.4 | 2 018.7 | 3 182.6 | 20 036.5 |
| TREND ESTIMATES (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 7 832.6 | 1 461.0 | 1 242.6 | 3 003.2 | 680.1 | 1 818.1 | 3 110.0 | 19 147.5 |
| May | 7 896.4 | 1 473.0 | 1 255.0 | 3 013.7 | 680.8 | 1 828.0 | 3 123.9 | 19 270.8 |
| June | 7 961.1 | 1 485.5 | 1 266.1 | 3 024.1 | 684.0 | 1 845.9 | 3 134.4 | 19 401.0 |
| July | 8 026.4 | 1 496.2 | 1 275.6 | 3 037.7 | 689.8 | 1 871.4 | 3 145.5 | 19 542.6 |
| August | 8 087.2 | 1 503.6 | 1 282.5 | 3 057.5 | 698.3 | 1 901.0 | 3 160.6 | 19 690.7 |
| September | 8 134.3 | 1 508.1 | 1 286.5 | 3 077.6 | 710.0 | 1 931.0 | 3 179.4 | 19 826.9 |
| October | 8 167.2 | 1 510.4 | 1 287.1 | 3 091.3 | 723.7 | 1 958.5 | 3 197.5 | 19 935.7 |
| November | 8 188.0 | 1 511.4 | 1 285.8 | 3 096.1 | 737.3 | 1 979.7 | 3 208.8 | 20 007.2 |
| December | 8 201.8 | 1 515.9 | 1 286.6 | 3 093.4 | 749.6 | 1 995.9 | 3 210.5 | 20 053.7 |
| 2008 | | | | | | | | |
| January | 8 216.2 | 1 521.4 | 1 289.2 | 3 086.6 | 758.9 | 2 007.8 | 3 202.8 | 20 083.0 |
| February | 8 234.1 | 1 523.0 | 1 289.8 | 3 080.9 | 764.1 | 2 016.2 | 3 189.9 | 20 098.0 |
| March | 8 255.1 | 1 518.4 | 1 287.3 | 3 078.6 | 766.4 | 2 022.5 | 3 177.7 | 20 106.0 |
| April | 8 276.0 | 1 509.9 | 1 282.6 | 3 078.4 | 767.5 | 2 028.3 | 3 169.2 | 20 111.8 |
| May | 8 295.3 | 1 498.8 | 1 276.0 | 3 080.0 | 767.9 | 2 033.1 | 3 163.8 | 20 114.4 |
| June | 8 313.9 | 1 486.4 | 1 268.5 | 3 080.9 | 766.5 | 2 038.3 | 3 161.1 | 20 113.4 |

(a) See paragraph 5 of the Explanatory Notes.

RETAIL TURNOVER PERCENTAGE CHANGE, By Industry Group(a)

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality and services | Total |
|---|-------------------|----------------------|--|--------------------------------|-----------------------------------|--------------------|--------------------------------|-------|
| ORIGINAL (% change from preceding month) | | | | | | | | |
| 2007 | | | | | | | | |
| April | -3.3 | -2.2 | 1.2 | -8.8 | -10.0 | -6.9 | -3.8 | -4.4 |
| May | 1.2 | 4.8 | 4.7 | 8.0 | 0.8 | 8.0 | -0.3 | 3.0 |
| June | -2.2 | 9.3 | 3.6 | 5.9 | -1.4 | -3.8 | 0.0 | 0.5 |
| July | 3.8 | -2.0 | -3.5 | -2.5 | 6.8 | 4.8 | 1.7 | 1.7 |
| August | 3.4 | -10.0 | -3.4 | 3.1 | 0.1 | 6.9 | 3.8 | 2.1 |
| September | -2.4 | 2.9 | 3.3 | -0.2 | -1.6 | -1.7 | -2.7 | -1.3 |
| October | 4.0 | 6.5 | 8.0 | 3.5 | 11.3 | 8.6 | 6.1 | 5.4 |
| November | 1.1 | 17.2 | 1.7 | 5.3 | 5.8 | 7.5 | 2.4 | 3.9 |
| December | 11.8 | 62.7 | 33.1 | 23.3 | 46.4 | 31.8 | 9.7 | 22.1 |
| 2008 | | | | | | | | |
| January | -11.1 | -49.1 | -30.0 | -23.7 | -30.8 | -35.5 | -14.7 | -22.6 |
| February | -5.6 | -18.4 | -15.5 | -11.6 | -6.8 | -0.4 | -5.0 | -7.5 |
| March | 7.3 | 18.5 | 6.9 | 2.4 | 2.7 | 1.5 | 4.8 | 6.1 |
| April | -5.1 | 3.3 | 13.3 | 1.2 | -4.8 | -0.6 | -2.3 | -1.6 |
| May | 3.7 | 1.8 | 2.8 | 3.3 | 2.6 | 8.0 | 2.4 | 3.6 |
| June | -5.3 | -1.4 | -8.8 | 4.2 | -6.4 | -7.7 | -3.9 | -3.9 |
| SEASONALLY ADJUSTED (% change from preceding month) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 1.5 | -4.9 | -0.2 | -1.1 | -0.7 | -0.9 | -0.1 | -0.1 |
| May | -0.4 | 1.5 | -2.8 | 0.3 | -2.3 | -1.2 | -0.1 | -0.4 |
| June | 1.4 | 2.3 | 6.5 | 0.8 | 1.9 | 2.7 | 1.3 | 1.8 |
| July | 0.9 | 4.3 | 1.1 | -0.6 | 2.3 | 1.8 | -0.5 | 0.9 |
| August | 0.8 | -3.1 | -1.1 | 2.5 | -0.8 | 1.7 | 1.0 | 0.7 |
| September | 1.0 | -0.4 | -1.7 | 1.3 | 0.5 | 0.4 | 0.5 | 0.6 |
| October | -0.4 | 1.1 | 1.5 | -1.9 | 7.0 | 2.6 | -0.1 | 0.2 |
| November | 0.5 | 0.1 | 0.9 | 0.8 | -2.0 | 1.6 | 1.6 | 0.7 |
| December | 0.3 | 0.1 | -0.7 | 1.7 | 1.8 | -0.8 | 0.3 | 0.4 |
| 2008 | | | | | | | | |
| January | -0.3 | 1.1 | -0.9 | -0.9 | 3.1 | 1.1 | -0.5 | -0.1 |
| February | 0.2 | 0.0 | 1.9 | -2.5 | 0.9 | 1.6 | -0.9 | -0.1 |
| March | 1.5 | -1.0 | -2.0 | 1.7 | -0.6 | -0.6 | -1.4 | 0.4 |
| April | -1.3 | 1.2 | 2.2 | 0.4 | -1.3 | -1.0 | 0.2 | -0.4 |
| May | 1.2 | -0.8 | -0.5 | -0.6 | 1.9 | 3.2 | 1.0 | 0.9 |
| June | -0.2 | -5.2 | -5.0 | 0.8 | -1.9 | -2.3 | 0.0 | -1.0 |
| TREND ESTIMATES (% change from preceding month) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 0.8 | 0.6 | 1.0 | 0.5 | -0.1 | 0.2 | 0.6 | 0.6 |
| May | 0.8 | 0.8 | 1.0 | 0.4 | 0.1 | 0.5 | 0.4 | 0.6 |
| June | 0.8 | 0.9 | 0.9 | 0.3 | 0.5 | 1.0 | 0.3 | 0.7 |
| July | 0.8 | 0.7 | 0.8 | 0.4 | 0.8 | 1.4 | 0.4 | 0.7 |
| August | 0.8 | 0.5 | 0.5 | 0.7 | 1.2 | 1.6 | 0.5 | 0.8 |
| September | 0.6 | 0.3 | 0.3 | 0.7 | 1.7 | 1.6 | 0.6 | 0.7 |
| October | 0.4 | 0.2 | 0.0 | 0.4 | 1.9 | 1.4 | 0.6 | 0.5 |
| November | 0.3 | 0.1 | -0.1 | 0.2 | 1.9 | 1.1 | 0.4 | 0.4 |
| December | 0.2 | 0.3 | 0.1 | -0.1 | 1.7 | 0.8 | 0.1 | 0.2 |
| 2008 | | | | | | | | |
| January | 0.2 | 0.4 | 0.2 | -0.2 | 1.2 | 0.6 | -0.2 | 0.1 |
| February | 0.2 | 0.1 | 0.0 | -0.2 | 0.7 | 0.4 | -0.4 | 0.1 |
| March | 0.3 | -0.3 | -0.2 | -0.1 | 0.3 | 0.3 | -0.4 | 0.0 |
| April | 0.3 | -0.6 | -0.4 | 0.0 | 0.1 | 0.3 | -0.3 | 0.0 |
| May | 0.2 | -0.7 | -0.5 | 0.0 | 0.1 | 0.2 | -0.2 | 0.0 |
| June | 0.2 | -0.8 | -0.6 | 0.0 | -0.2 | 0.3 | -0.1 | 0.0 |

(a) See paragraph 5 of the Explanatory Notes.

RETAIL TURNOVER, By Sub-Group(a): Original

| Month | FOOD RETAILING | | | | CLOTHING & SOFT GOOD RETAILING | | | | HOUSEHOLD GOOD RETAILING | | | |
|--|---|------------------------------------|----------------------------|---------|-----------------------------------|-----------------------|--|---------|---|---|--|---------|
| | Super- markets & grocery stores | Take- away food retailing | Other food retailing | Total | Depart- ment stores | Clothing retailing | Foot- wear, fabric & other soft good retailing | Total | Furniture & floor covering retailing | Domestic hardware & house- ware retailing | Domestic appliance & recorded music retailing | Total |
| \$ MILLION | | | | | | | | | | | | |
| 2007 | | | | | | | | | | | | |
| June | 5 302.0 | 874.2 | 1 408.4 | 7 584.5 | 1 491.5 | 931.2 | 348.1 | 1 279.3 | 741.9 | 785.0 | 1 495.0 | 3 021.9 |
| July | 5 466.9 | 918.0 | 1 490.2 | 7 875.1 | 1 462.3 | 887.0 | 347.3 | 1 234.3 | 706.4 | 817.6 | 1 421.9 | 2 945.9 |
| August | 5 686.2 | 932.4 | 1 522.0 | 8 140.7 | 1 315.5 | 856.9 | 335.7 | 1 192.6 | 718.1 | 870.0 | 1 447.8 | 3 035.9 |
| September | 5 518.4 | 899.0 | 1 529.8 | 7 947.2 | 1 353.3 | 890.0 | 341.7 | 1 231.7 | 705.7 | 925.0 | 1 399.2 | 3 029.9 |
| October | 5 782.8 | 903.3 | 1 575.4 | 8 261.4 | 1 440.6 | 946.3 | 384.1 | 1 330.4 | 756.1 | 982.7 | 1 396.9 | 3 135.8 |
| November | 5 875.0 | 893.5 | 1 579.7 | 8 348.2 | 1 687.9 | 963.0 | 390.4 | 1 353.4 | 776.9 | 972.4 | 1 552.8 | 3 302.1 |
| December | 6 377.5 | 944.9 | 2 013.5 | 9 335.9 | 2 747.0 | 1 325.6 | 475.8 | 1 801.4 | 797.3 | 1 060.0 | 2 213.8 | 4 071.0 |
| 2008 | | | | | | | | | | | | |
| January | 5 901.9 | 898.6 | 1 498.5 | 8 298.9 | 1 397.8 | 859.8 | 401.6 | 1 261.4 | 729.5 | 862.2 | 1 513.7 | 3 105.5 |
| February | 5 583.4 | 858.7 | 1 394.0 | 7 836.1 | 1 140.5 | 725.5 | 340.3 | 1 065.7 | 661.0 | 803.6 | 1 280.7 | 2 745.4 |
| March | 6 008.6 | 899.0 | 1 504.1 | 8 411.7 | 1 351.7 | 799.2 | 340.1 | 1 139.4 | 654.8 | 838.4 | 1 318.8 | 2 812.0 |
| April | 5 669.6 | 910.4 | 1 400.9 | 7 980.9 | 1 396.6 | 927.4 | 363.3 | 1 290.7 | 637.1 | 815.4 | 1 393.2 | 2 845.7 |
| May | 5 930.6 | 927.5 | 1 420.9 | 8 279.0 | 1 421.1 | 950.6 | 376.5 | 1 327.1 | 679.6 | 803.0 | 1 456.6 | 2 939.2 |
| June | 5 576.8 | 898.0 | 1 364.1 | 7 838.8 | 1 401.6 | 861.8 | 347.9 | 1 209.7 | 703.1 | 794.5 | 1 566.0 | 3 063.5 |
| % CHANGE FROM PRECEDING MONTH | | | | | | | | | | | | |
| 2007 | | | | | | | | | | | | |
| June | -2.3 | 1.3 | -3.6 | -2.2 | 9.3 | 4.8 | 0.3 | 3.6 | 6.7 | -3.0 | 10.8 | 5.9 |
| July | 3.1 | 5.0 | 5.8 | 3.8 | -2.0 | -4.7 | -0.2 | -3.5 | -4.8 | 4.1 | -4.9 | -2.5 |
| August | 4.0 | 1.6 | 2.1 | 3.4 | -10.0 | -3.4 | -3.3 | -3.4 | 1.7 | 6.4 | 1.8 | 3.1 |
| September | -3.0 | -3.6 | 0.5 | -2.4 | 2.9 | 3.9 | 1.8 | 3.3 | -1.7 | 6.3 | -3.4 | -0.2 |
| October | 4.8 | 0.5 | 3.0 | 4.0 | 6.5 | 6.3 | 12.4 | 8.0 | 7.1 | 6.2 | -0.2 | 3.5 |
| November | 1.6 | -1.1 | 0.3 | 1.1 | 17.2 | 1.8 | 1.7 | 1.7 | 2.8 | -1.0 | 11.2 | 5.3 |
| December | 8.6 | 5.7 | 27.5 | 11.8 | 62.7 | 37.7 | 21.9 | 33.1 | 2.6 | 9.0 | 42.6 | 23.3 |
| 2008 | | | | | | | | | | | | |
| January | -7.5 | -4.9 | -25.6 | -11.1 | -49.1 | -35.1 | -15.6 | -30.0 | -8.5 | -18.7 | -31.6 | -23.7 |
| February | -5.4 | -4.4 | -7.0 | -5.6 | -18.4 | -15.6 | -15.3 | -15.5 | -9.4 | -6.8 | -15.4 | -11.6 |
| March | 7.6 | 4.7 | 7.9 | 7.3 | 18.5 | 10.2 | 0.0 | 6.9 | -1.0 | 4.3 | 3.0 | 2.4 |
| April | -5.6 | 1.3 | -6.9 | -5.1 | 3.3 | 16.0 | 6.8 | 13.3 | -2.7 | -2.7 | 5.6 | 1.2 |
| May | 4.6 | 1.9 | 1.4 | 3.7 | 1.8 | 2.5 | 3.6 | 2.8 | 6.7 | -1.5 | 4.5 | 3.3 |
| June | -6.0 | -3.2 | -4.0 | -5.3 | -1.4 | -9.3 | -7.6 | -8.8 | 3.4 | -1.1 | 7.5 | 4.2 |
| % CHANGE FROM CORRESPONDING MONTH OF PREVIOUS YEAR | | | | | | | | | | | | |
| 2007 | | | | | | | | | | | | |
| June | 6.6 | 9.2 | 11.7 | 7.8 | 4.4 | 13.8 | 2.4 | 10.4 | 14.8 | 1.7 | 11.3 | 9.4 |
| July | 7.7 | 10.3 | 16.2 | 9.5 | 3.6 | 13.1 | 5.4 | 10.8 | 3.9 | 6.7 | 10.1 | 7.6 |
| August | 9.1 | 11.6 | 15.2 | 10.5 | 6.2 | 8.2 | 6.3 | 7.7 | 5.6 | 7.2 | 15.0 | 10.4 |
| September | 7.6 | 8.5 | 15.0 | 9.0 | 11.0 | 5.3 | 3.7 | 4.9 | 3.0 | 11.5 | 9.2 | 8.4 |
| October | 8.2 | 7.7 | 12.4 | 8.9 | 7.1 | 7.2 | 2.3 | 5.8 | 6.5 | 8.4 | 7.8 | 7.7 |
| November | 9.9 | 7.9 | 9.2 | 9.6 | 4.0 | 7.1 | 14.5 | 9.1 | 5.4 | 6.5 | 10.3 | 8.0 |
| December | 8.0 | 7.1 | 7.7 | 7.9 | 5.2 | 7.1 | 5.4 | 6.7 | 4.6 | 8.6 | 11.8 | 9.5 |
| 2008 | | | | | | | | | | | | |
| January | 9.6 | 5.6 | 3.6 | 8.0 | 10.3 | 3.8 | 18.5 | 8.1 | 3.4 | 0.2 | 10.1 | 5.6 |
| February | 12.0 | 12.5 | 1.7 | 10.1 | 8.9 | 4.3 | 21.2 | 9.2 | 7.9 | 1.6 | 5.9 | 5.1 |
| March | 8.1 | 4.3 | 0.1 | 6.2 | 1.5 | -5.1 | 5.5 | -2.2 | -1.9 | -0.5 | -4.8 | -2.9 |
| April | 6.8 | 6.3 | -6.1 | 4.2 | 7.2 | 8.5 | 12.1 | 9.4 | 0.3 | 3.4 | 14.4 | 7.7 |
| May | 9.2 | 7.5 | -2.7 | 6.8 | 4.1 | 7.0 | 8.5 | 7.4 | -2.3 | -0.8 | 7.9 | 3.0 |
| June | 5.2 | 2.7 | -3.1 | 3.4 | -6.0 | -7.5 | 0.0 | -5.4 | -5.2 | 1.2 | 4.7 | 1.4 |

(a) See paragraph 5 of Explanatory Notes.

RETAIL TURNOVER, By Sub-Group(a): **Original** *continued*

| Month | RECREATIONAL GOOD RETAILING | | | OTHER RETAILING | | | HOSPITALITY & SERVICES | | | | Total all industries |
|--|--|--|---------|---|------------------------------|---------|-------------------------------|--------------------------------|----------------------|---------|----------------------|
| | News- paper, book & stationery retailing | Other recre- ational goods retailing | Total | Pharma- ceutical, cosmetic & toiletry retailing | Other retailing n.e.c. | Total | Hotels & licensed clubs | Cafes & resta- urants | Selected services | Total | |
| \$ MILLION | | | | | | | | | | | |
| 2007 | | | | | | | | | | | |
| June | 364.3 | 252.4 | 616.8 | 768.6 | 920.5 | 1 689.2 | 1 541.7 | 1 271.6 | ^ 210.4 | 3 023.7 | 18 706.9 |
| July | 405.7 | 252.8 | 658.4 | 810.4 | 960.1 | 1 770.5 | 1 578.5 | 1 271.5 | ^ 224.0 | 3 074.0 | 19 020.5 |
| August | 401.4 | 257.4 | 658.8 | 868.5 | 1 023.7 | 1 892.1 | 1 621.5 | 1 338.1 | ^ 231.2 | 3 190.8 | 19 426.4 |
| September | 374.7 | 273.7 | 648.4 | 788.3 | 1 072.3 | 1 860.6 | 1 583.4 | 1 295.6 | ^ 224.7 | 3 103.7 | 19 174.7 |
| October | 435.4 | 286.5 | 722.0 | 888.9 | 1 130.9 | 2 019.8 | 1 645.8 | 1 366.2 | ^ 279.8 | 3 291.8 | 20 201.8 |
| November | 456.2 | 308.0 | 764.2 | 924.7 | 1 245.6 | 2 170.3 | 1 685.9 | 1 403.7 | ^ 281.8 | 3 371.5 | 20 997.7 |
| December | 602.2 | 516.3 | 1 118.6 | 1 074.7 | 1 785.9 | 2 860.6 | 1 861.5 | 1 526.5 | ^ 310.6 | 3 698.6 | 25 633.2 |
| 2008 | | | | | | | | | | | |
| January | 458.6 | 315.8 | 774.4 | 814.2 | 1 031.7 | 1 845.9 | 1 644.1 | 1 273.2 | ^ 238.0 | 3 155.3 | 19 839.2 |
| February | 454.3 | 267.6 | 721.9 | 810.0 | 1 028.9 | 1 838.9 | 1 530.6 | 1 239.6 | ^ 227.3 | 2 997.5 | 18 345.9 |
| March | 449.5 | 291.6 | 741.1 | 845.6 | 1 021.5 | 1 867.1 | 1 639.9 | 1 270.3 | ^ 232.0 | 3 142.3 | 19 465.4 |
| April | 432.9 | 272.7 | 705.6 | 883.1 | 972.5 | 1 855.6 | 1 583.2 | 1 248.7 | ^ 239.1 | 3 070.9 | 19 146.0 |
| May | 458.4 | 265.3 | 723.6 | 945.4 | 1 057.9 | 2 003.3 | 1 633.4 | 1 261.4 | ^ 248.7 | 3 143.5 | 19 836.8 |
| June | 422.6 | 254.9 | 677.5 | 892.2 | 956.1 | 1 848.3 | 1 590.9 | 1 204.8 | ^ 226.4 | 3 022.1 | 19 061.4 |
| % CHANGE FROM PRECEDING MONTH | | | | | | | | | | | |
| 2007 | | | | | | | | | | | |
| June | -3.6 | 2.0 | -1.4 | -2.0 | -5.4 | -3.8 | 2.2 | -1.7 | -4.4 | 0.0 | 0.5 |
| July | 11.3 | 0.1 | 6.8 | 5.4 | 4.3 | 4.8 | 2.4 | 0.0 | 6.5 | 1.7 | 1.7 |
| August | -1.0 | 1.8 | 0.1 | 7.2 | 6.6 | 6.9 | 2.7 | 5.2 | 3.2 | 3.8 | 2.1 |
| September | -6.7 | 6.3 | -1.6 | -9.2 | 4.7 | -1.7 | -2.3 | -3.2 | -2.8 | -2.7 | -1.3 |
| October | 16.2 | 4.7 | 11.3 | 12.8 | 5.5 | 8.6 | 3.9 | 5.5 | 24.5 | 6.1 | 5.4 |
| November | 4.8 | 7.5 | 5.8 | 4.0 | 10.1 | 7.5 | 2.4 | 2.7 | 0.7 | 2.4 | 3.9 |
| December | 32.0 | 67.7 | 46.4 | 16.2 | 43.4 | 31.8 | 10.4 | 8.7 | 10.2 | 9.7 | 22.1 |
| 2008 | | | | | | | | | | | |
| January | -23.9 | -38.8 | -30.8 | -24.2 | -42.2 | -35.5 | -11.7 | -16.6 | -23.4 | -14.7 | -22.6 |
| February | -0.9 | -15.3 | -6.8 | -0.5 | -0.3 | -0.4 | -6.9 | -2.6 | -4.5 | -5.0 | -7.5 |
| March | -1.1 | 9.0 | 2.7 | 4.4 | -0.7 | 1.5 | 7.1 | 2.5 | 2.1 | 4.8 | 6.1 |
| April | -3.7 | -6.5 | -4.8 | 4.4 | -4.8 | -0.6 | -3.5 | -1.7 | 3.0 | -2.3 | -1.6 |
| May | 5.9 | -2.7 | 2.6 | 7.1 | 8.8 | 8.0 | 3.2 | 1.0 | 4.0 | 2.4 | 3.6 |
| June | -7.8 | -3.9 | -6.4 | -5.6 | -9.6 | -7.7 | -2.6 | -4.5 | -9.0 | -3.9 | -3.9 |
| % CHANGE FROM CORRESPONDING MONTH OF PREVIOUS YEAR | | | | | | | | | | | |
| 2007 | | | | | | | | | | | |
| June | -3.4 | 11.0 | 2.0 | 2.6 | -5.0 | -1.7 | 2.5 | 11.4 | -5.5 | 5.4 | 6.4 |
| July | 4.8 | 13.8 | 8.1 | 7.7 | -0.1 | 3.3 | 1.9 | 7.1 | -1.0 | 3.8 | 7.2 |
| August | 1.2 | 11.0 | 4.8 | 8.4 | -1.4 | 2.9 | 3.5 | 10.8 | 2.3 | 6.4 | 8.3 |
| September | -1.0 | 17.0 | 5.9 | 3.2 | 4.9 | 4.2 | 1.4 | 6.9 | 0.1 | 3.6 | 7.3 |
| October | 11.1 | 10.7 | 11.0 | 9.2 | 7.9 | 8.5 | 1.9 | 6.6 | 21.9 | 5.3 | 7.8 |
| November | 8.3 | 5.8 | 7.3 | 9.8 | 9.1 | 9.4 | 4.2 | 9.3 | 20.4 | 7.5 | 8.4 |
| December | 9.5 | 3.6 | 6.7 | 9.2 | 8.3 | 8.6 | 4.4 | 7.8 | 19.1 | 6.9 | 7.6 |
| 2008 | | | | | | | | | | | |
| January | 16.0 | 18.6 | 17.0 | 14.0 | 10.0 | 11.8 | 7.2 | 2.0 | 15.2 | 5.6 | 8.1 |
| February | 21.5 | 13.2 | 18.3 | 17.6 | 14.9 | 16.1 | 9.4 | 4.8 | 16.5 | 7.9 | 9.7 |
| March | 9.8 | 4.2 | 7.5 | 8.8 | 5.2 | 6.8 | 2.7 | -5.1 | 6.8 | -0.3 | 3.0 |
| April | 20.6 | 4.2 | 13.7 | 20.6 | 8.7 | 14.0 | 2.8 | -2.9 | 16.1 | 1.3 | 6.0 |
| May | 21.3 | 7.2 | 15.7 | 20.6 | 8.8 | 14.0 | 8.2 | -2.5 | 13.0 | 4.0 | 6.6 |
| June | 16.0 | 1.0 | 9.8 | 16.1 | 3.9 | 9.4 | 3.2 | -5.3 | 7.6 | -0.1 | 1.9 |

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution (a) See paragraph 5 of Explanatory Notes.

RETAIL TURNOVER, By state

| Month | New South Wales | Victoria | Queensland | South Australia | Western Australia | Tasmania | Northern Territory | Australian Capital Territory | Australia |
|-------|-----------------|----------|------------|-----------------|-------------------|----------|--------------------|------------------------------|-----------|
|-------|-----------------|----------|------------|-----------------|-------------------|----------|--------------------|------------------------------|-----------|

ORIGINAL (\$ million)

| 2007 | | | | | | | | | |
|-----------|---------|---------|---------|---------|---------|-------|-------|-------|----------|
| April | 5 872.2 | 4 412.5 | 3 650.8 | 1 230.7 | 1 977.2 | 386.1 | 179.9 | 354.4 | 18 063.8 |
| May | 5 986.6 | 4 497.2 | 3 820.3 | 1 277.1 | 2 060.6 | 402.7 | 196.0 | 371.7 | 18 612.2 |
| June | 5 989.4 | 4 486.9 | 3 929.8 | 1 283.0 | 2 033.2 | 400.4 | 205.8 | 378.4 | 18 706.9 |
| July | 6 119.0 | 4 511.9 | 4 069.9 | 1 291.8 | 2 047.5 | 402.3 | 215.7 | 362.4 | 19 020.5 |
| August | 6 254.8 | 4 621.6 | 4 134.3 | 1 316.6 | 2 087.5 | 415.9 | 220.9 | 374.9 | 19 426.4 |
| September | 6 238.9 | 4 514.3 | 4 098.1 | 1 288.0 | 2 060.9 | 394.9 | 208.2 | 371.4 | 19 174.7 |
| October | 6 555.7 | 4 819.9 | 4 261.7 | 1 389.7 | 2 162.1 | 419.3 | 209.4 | 384.2 | 20 201.8 |
| November | 6 816.3 | 5 057.0 | 4 346.6 | 1 450.1 | 2 282.7 | 442.9 | 207.0 | 395.1 | 20 997.7 |
| December | 8 415.8 | 6 232.5 | 5 194.8 | 1 778.0 | 2 754.4 | 548.3 | 235.2 | 474.2 | 25 633.2 |

| 2008 | | | | | | | | | |
|----------|---------|---------|---------|---------|---------|-------|-------|-------|----------|
| January | 6 440.3 | 4 808.1 | 4 105.9 | 1 412.5 | 2 096.2 | 426.7 | 186.3 | 363.2 | 19 839.2 |
| February | 5 950.3 | 4 447.7 | 3 747.5 | 1 315.0 | 1 943.4 | 403.4 | 183.3 | 355.3 | 18 345.9 |
| March | 6 313.0 | 4 702.3 | 4 002.2 | 1 393.2 | 2 059.7 | 422.0 | 196.6 | 376.3 | 19 465.4 |
| April | 6 194.7 | 4 615.7 | 3 898.7 | 1 382.6 | 2 069.6 | 413.6 | 201.5 | 369.7 | 19 146.0 |
| May | 6 388.8 | 4 747.3 | 4 087.7 | 1 426.2 | 2 154.6 | 428.9 | 220.0 | 383.3 | 19 836.8 |
| June | 6 149.3 | 4 534.9 | 3 949.9 | 1 374.4 | 2 060.3 | 403.8 | 221.7 | 367.2 | 19 061.4 |

SEASONALLY ADJUSTED (\$ million)

| 2007 | | | | | | | | | |
|-----------|---------|---------|---------|---------|---------|-------|-------|-------|----------|
| April | 6 190.1 | 4 633.1 | 3 938.1 | 1 304.9 | 2 099.1 | 410.4 | 194.0 | 375.2 | 19 144.8 |
| May | 6 156.4 | 4 574.8 | 3 950.7 | 1 308.5 | 2 095.4 | 414.3 | 195.1 | 376.9 | 19 072.3 |
| June | 6 240.4 | 4 673.5 | 4 062.4 | 1 330.3 | 2 114.1 | 421.6 | 198.6 | 380.2 | 19 421.0 |
| July | 6 342.1 | 4 684.0 | 4 113.0 | 1 336.6 | 2 116.6 | 422.1 | 199.4 | 373.6 | 19 587.6 |
| August | 6 390.1 | 4 731.9 | 4 120.5 | 1 344.5 | 2 129.9 | 426.6 | 200.2 | 380.6 | 19 724.4 |
| September | 6 435.6 | 4 743.7 | 4 160.5 | 1 357.3 | 2 145.7 | 419.7 | 201.2 | 379.8 | 19 843.5 |
| October | 6 448.2 | 4 777.0 | 4 154.9 | 1 371.5 | 2 128.9 | 419.0 | 202.9 | 381.0 | 19 883.4 |
| November | 6 495.9 | 4 813.9 | 4 169.2 | 1 379.3 | 2 164.2 | 422.3 | 206.3 | 378.7 | 20 029.8 |
| December | 6 531.5 | 4 848.7 | 4 161.6 | 1 397.6 | 2 148.8 | 427.5 | 212.1 | 376.3 | 20 104.2 |

| 2008 | | | | | | | | | |
|----------|---------|---------|---------|---------|---------|-------|-------|-------|----------|
| January | 6 517.1 | 4 884.6 | 4 113.0 | 1 420.5 | 2 131.4 | 423.3 | 209.3 | 383.1 | 20 082.2 |
| February | 6 531.8 | 4 815.4 | 4 144.6 | 1 421.4 | 2 118.5 | 424.2 | 211.6 | 387.3 | 20 054.7 |
| March | 6 503.9 | 4 841.8 | 4 185.1 | 1 429.4 | 2 143.8 | 427.2 | 212.4 | 385.8 | 20 129.6 |
| April | 6 492.4 | 4 780.3 | 4 151.8 | 1 436.1 | 2 163.0 | 432.8 | 214.7 | 384.3 | 20 055.3 |
| May | 6 535.6 | 4 820.5 | 4 205.0 | 1 453.9 | 2 177.3 | 438.3 | 216.9 | 384.5 | 20 232.0 |
| June | 6 468.1 | 4 746.6 | 4 151.1 | 1 458.0 | 2 181.9 | 435.1 | 216.9 | 378.5 | 20 036.5 |

TREND ESTIMATES (\$ million)

| 2007 | | | | | | | | | |
|-----------|---------|---------|---------|---------|---------|-------|-------|-------|----------|
| April | 6 193.2 | 4 622.2 | 3 940.0 | 1 310.8 | 2 100.8 | 410.8 | 194.5 | 375.2 | 19 147.5 |
| May | 6 225.9 | 4 635.8 | 3 994.2 | 1 318.4 | 2 108.2 | 415.5 | 196.0 | 376.8 | 19 270.8 |
| June | 6 265.8 | 4 655.7 | 4 045.1 | 1 326.1 | 2 113.8 | 419.1 | 197.4 | 377.9 | 19 401.0 |
| July | 6 315.3 | 4 682.6 | 4 090.5 | 1 334.8 | 2 120.8 | 421.3 | 198.8 | 378.5 | 19 542.6 |
| August | 6 370.5 | 4 716.6 | 4 127.0 | 1 345.4 | 2 129.8 | 422.4 | 200.4 | 378.7 | 19 690.7 |
| September | 6 424.2 | 4 753.5 | 4 149.6 | 1 357.7 | 2 138.1 | 422.7 | 202.2 | 378.8 | 19 826.9 |
| October | 6 467.7 | 4 789.2 | 4 158.7 | 1 371.1 | 2 143.0 | 422.5 | 204.3 | 379.2 | 19 935.7 |
| November | 6 496.0 | 4 817.6 | 4 157.1 | 1 384.6 | 2 143.1 | 422.4 | 206.5 | 379.9 | 20 007.2 |
| December | 6 512.5 | 4 836.9 | 4 153.1 | 1 398.0 | 2 140.6 | 423.0 | 208.5 | 381.1 | 20 053.7 |

| 2008 | | | | | | | | | |
|----------|---------|---------|---------|---------|---------|-------|-------|-------|----------|
| January | 6 519.8 | 4 844.4 | 4 151.9 | 1 410.5 | 2 139.1 | 424.5 | 210.4 | 382.6 | 20 083.0 |
| February | 6 519.8 | 4 839.1 | 4 154.2 | 1 421.5 | 2 141.0 | 426.7 | 211.9 | 383.7 | 20 098.0 |
| March | 6 515.2 | 4 825.6 | 4 159.8 | 1 431.5 | 2 147.3 | 429.1 | 213.2 | 384.4 | 20 106.0 |
| April | 6 508.9 | 4 809.0 | 4 166.2 | 1 440.8 | 2 156.4 | 431.6 | 214.6 | 384.3 | 20 111.8 |
| May | 6 501.5 | 4 791.5 | 4 171.4 | 1 449.8 | 2 166.4 | 434.2 | 215.9 | 383.8 | 20 114.4 |
| June | 6 492.6 | 4 771.7 | 4 176.9 | 1 457.4 | 2 178.4 | 436.5 | 216.9 | 383.0 | 20 113.4 |

RETAIL TURNOVER PERCENTAGE CHANGE, By state

| Month | New South Wales | Victoria | Queensland | South Australia | Western Australia | Tasmania | Northern Territory | Australian Capital Territory | Australia |
|-------|-----------------|----------|------------|-----------------|-------------------|----------|--------------------|------------------------------|-----------|
|-------|-----------------|----------|------------|-----------------|-------------------|----------|--------------------|------------------------------|-----------|

ORIGINAL (% change from preceding month)

| 2007 | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| April | -4.1 | -4.4 | -4.2 | -6.6 | -4.6 | -6.0 | -2.0 | -4.9 | -4.4 |
| May | 1.9 | 1.9 | 4.6 | 3.8 | 4.2 | 4.3 | 8.9 | 4.9 | 3.0 |
| June | 0.0 | -0.2 | 2.9 | 0.5 | -1.3 | -0.6 | 5.0 | 1.8 | 0.5 |
| July | 2.2 | 0.6 | 3.6 | 0.7 | 0.7 | 0.5 | 4.8 | -4.2 | 1.7 |
| August | 2.2 | 2.4 | 1.6 | 1.9 | 2.0 | 3.4 | 2.4 | 3.4 | 2.1 |
| September | -0.3 | -2.3 | -0.9 | -2.2 | -1.3 | -5.0 | -5.8 | -0.9 | -1.3 |
| October | 5.1 | 6.8 | 4.0 | 7.9 | 4.9 | 6.2 | 0.6 | 3.4 | 5.4 |
| November | 4.0 | 4.9 | 2.0 | 4.3 | 5.6 | 5.6 | -1.1 | 2.9 | 3.9 |
| December | 23.5 | 23.2 | 19.5 | 22.6 | 20.7 | 23.8 | 13.6 | 20.0 | 22.1 |
| 2008 | | | | | | | | | |
| January | -23.5 | -22.9 | -21.0 | -20.6 | -23.9 | -22.2 | -20.8 | -23.4 | -22.6 |
| February | -7.6 | -7.5 | -8.7 | -6.9 | -7.3 | -5.5 | -1.6 | -2.2 | -7.5 |
| March | 6.1 | 5.7 | 6.8 | 5.9 | 6.0 | 4.6 | 7.2 | 5.9 | 6.1 |
| April | -1.9 | -1.8 | -2.6 | -0.8 | 0.5 | -2.0 | 2.5 | -1.7 | -1.6 |
| May | 3.1 | 2.9 | 4.8 | 3.1 | 4.1 | 3.7 | 9.2 | 3.7 | 3.6 |
| June | -3.7 | -4.5 | -3.4 | -3.6 | -4.4 | -5.9 | 0.8 | -4.2 | -3.9 |

SEASONALLY ADJUSTED (% change from preceding month)

| 2007 | | | | | | | | | |
|-----------|------|------|------|------|------|------|------|------|------|
| April | -0.5 | 0.0 | 0.6 | -0.9 | -0.4 | 1.2 | 0.2 | -0.3 | -0.1 |
| May | -0.5 | -1.3 | 0.3 | 0.3 | -0.2 | 1.0 | 0.6 | 0.5 | -0.4 |
| June | 1.4 | 2.2 | 2.8 | 1.7 | 0.9 | 1.7 | 1.8 | 0.9 | 1.8 |
| July | 1.6 | 0.2 | 1.2 | 0.5 | 0.1 | 0.1 | 0.4 | -1.7 | 0.9 |
| August | 0.8 | 1.0 | 0.2 | 0.6 | 0.6 | 1.1 | 0.4 | 1.9 | 0.7 |
| September | 0.7 | 0.2 | 1.0 | 1.0 | 0.7 | -1.6 | 0.5 | -0.2 | 0.6 |
| October | 0.2 | 0.7 | -0.1 | 1.0 | -0.8 | -0.2 | 0.9 | 0.3 | 0.2 |
| November | 0.7 | 0.8 | 0.3 | 0.6 | 1.7 | 0.8 | 1.7 | -0.6 | 0.7 |
| December | 0.5 | 0.7 | -0.2 | 1.3 | -0.7 | 1.2 | 2.8 | -0.6 | 0.4 |
| 2008 | | | | | | | | | |
| January | -0.2 | 0.7 | -1.2 | 1.6 | -0.8 | -1.0 | -1.3 | 1.8 | -0.1 |
| February | 0.2 | -1.4 | 0.8 | 0.1 | -0.6 | 0.2 | 1.1 | 1.1 | -0.1 |
| March | -0.4 | 0.5 | 1.0 | 0.6 | 1.2 | 0.7 | 0.4 | -0.4 | 0.4 |
| April | -0.2 | -1.3 | -0.8 | 0.5 | 0.9 | 1.3 | 1.1 | -0.4 | -0.4 |
| May | 0.7 | 0.8 | 1.3 | 1.2 | 0.7 | 1.3 | 1.0 | 0.1 | 0.9 |
| June | -1.0 | -1.5 | -1.3 | 0.3 | 0.2 | -0.7 | 0.0 | -1.6 | -1.0 |

TREND ESTIMATES (% change from preceding month)

| 2007 | | | | | | | | | |
|-----------|------|------|------|-----|------|-----|-----|------|-----|
| April | 0.5 | 0.2 | 1.4 | 0.6 | 0.5 | 1.2 | 0.8 | 0.5 | 0.6 |
| May | 0.5 | 0.3 | 1.4 | 0.6 | 0.4 | 1.1 | 0.8 | 0.4 | 0.6 |
| June | 0.6 | 0.4 | 1.3 | 0.6 | 0.3 | 0.9 | 0.7 | 0.3 | 0.7 |
| July | 0.8 | 0.6 | 1.1 | 0.7 | 0.3 | 0.5 | 0.7 | 0.2 | 0.7 |
| August | 0.9 | 0.7 | 0.9 | 0.8 | 0.4 | 0.3 | 0.8 | 0.0 | 0.8 |
| September | 0.8 | 0.8 | 0.5 | 0.9 | 0.4 | 0.1 | 0.9 | 0.0 | 0.7 |
| October | 0.7 | 0.8 | 0.2 | 1.0 | 0.2 | 0.0 | 1.0 | 0.1 | 0.5 |
| November | 0.4 | 0.6 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.2 | 0.4 |
| December | 0.3 | 0.4 | -0.1 | 1.0 | -0.1 | 0.1 | 1.0 | 0.3 | 0.2 |
| 2008 | | | | | | | | | |
| January | 0.1 | 0.2 | 0.0 | 0.9 | -0.1 | 0.4 | 0.9 | 0.4 | 0.1 |
| February | 0.0 | -0.1 | 0.1 | 0.8 | 0.1 | 0.5 | 0.7 | 0.3 | 0.1 |
| March | -0.1 | -0.3 | 0.1 | 0.7 | 0.3 | 0.6 | 0.6 | 0.2 | 0.0 |
| April | -0.1 | -0.3 | 0.2 | 0.7 | 0.4 | 0.6 | 0.6 | 0.0 | 0.0 |
| May | -0.1 | -0.4 | 0.1 | 0.6 | 0.5 | 0.6 | 0.6 | -0.1 | 0.0 |
| June | -0.1 | -0.4 | 0.1 | 0.5 | 0.6 | 0.5 | 0.5 | -0.2 | 0.0 |

RETAIL TURNOVER, By Industry Group(a)—New South Wales

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality and services | Total |
|----------------------------------|-------------------|----------------------|--|--------------------------------|-----------------------------------|--------------------|--------------------------------|---------|
| ORIGINAL (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 2 463.1 | 433.7 | 399.7 | 764.4 | ^ 168.9 | 503.7 | 1 138.8 | 5 872.2 |
| May | 2 479.1 | 447.4 | 417.1 | 818.5 | ^ 169.5 | 537.2 | 1 117.8 | 5 986.6 |
| June | 2 407.9 | 493.2 | 437.8 | 849.3 | ^ 169.7 | 510.6 | 1 120.9 | 5 989.4 |
| July | 2 522.9 | 476.0 | 406.5 | 852.0 | ^ 185.9 | 554.6 | 1 121.0 | 6 119.0 |
| August | 2 606.1 | 427.2 | 384.0 | 867.9 | 193.8 | 591.5 | 1 184.3 | 6 254.8 |
| September | 2 572.7 | 444.7 | 399.5 | 873.9 | ^ 190.0 | 598.7 | 1 159.4 | 6 238.9 |
| October | 2 673.5 | 476.5 | 461.0 | 902.0 | ^ 211.8 | 625.5 | 1 205.3 | 6 555.7 |
| November | 2 717.5 | 553.1 | 458.1 | 967.4 | ^ 218.3 | 663.1 | 1 238.9 | 6 816.3 |
| December | 3 044.9 | 902.3 | 628.3 | 1 231.3 | ^ 321.7 | ^ 934.4 | 1 353.0 | 8 415.8 |
| 2008 | | | | | | | | |
| January | 2 625.4 | 459.0 | 460.4 | 926.9 | 213.7 | 581.2 | 1 173.7 | 6 440.3 |
| February | 2 471.4 | 368.7 | 368.6 | 830.9 | 206.3 | 586.9 | 1 117.5 | 5 950.3 |
| March | 2 660.1 | 436.7 | 390.5 | 841.2 | 215.0 | 575.9 | 1 193.7 | 6 313.0 |
| April | 2 484.3 | 465.3 | 456.2 | 856.0 | ^ 201.2 | 559.1 | 1 172.6 | 6 194.7 |
| May | 2 588.5 | 458.5 | 468.2 | 862.2 | ^ 204.8 | 623.1 | 1 183.6 | 6 388.8 |
| June | 2 462.7 | 459.3 | 421.4 | 903.9 | ^ 182.6 | 569.4 | 1 150.0 | 6 149.3 |
| SEASONALLY ADJUSTED (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 2 542.2 | 470.6 | 424.0 | 854.2 | 191.3 | 556.5 | 1 151.3 | 6 190.1 |
| May | 2 533.7 | 478.5 | 398.9 | 858.4 | 183.7 | 555.2 | 1 148.1 | 6 156.4 |
| June | 2 556.9 | 483.9 | 439.3 | 853.9 | 188.9 | 560.3 | 1 157.3 | 6 240.4 |
| July | 2 581.5 | 509.4 | 442.2 | 871.2 | 196.3 | 586.5 | 1 155.0 | 6 342.1 |
| August | 2 606.9 | 491.5 | 434.2 | 892.0 | 200.5 | 600.0 | 1 165.1 | 6 390.1 |
| September | 2 635.8 | 487.9 | 413.3 | 913.4 | 201.8 | 596.6 | 1 186.6 | 6 435.6 |
| October | 2 623.1 | 495.3 | 442.8 | 888.4 | 213.4 | 617.5 | 1 167.7 | 6 448.2 |
| November | 2 645.4 | 493.3 | 442.1 | 896.0 | 207.9 | 624.1 | 1 187.1 | 6 495.9 |
| December | 2 637.1 | 495.3 | 436.5 | 927.3 | 213.6 | 631.7 | 1 190.0 | 6 531.5 |
| 2008 | | | | | | | | |
| January | 2 588.6 | 503.3 | 449.0 | 926.1 | 217.5 | 631.5 | 1 201.1 | 6 517.1 |
| February | 2 589.0 | 497.3 | 456.6 | 917.5 | 221.5 | 657.8 | 1 192.2 | 6 531.8 |
| March | 2 627.8 | 497.5 | 434.8 | 909.0 | 217.1 | 623.1 | 1 194.7 | 6 503.9 |
| April | 2 577.8 | 494.9 | 462.4 | 940.5 | 220.2 | 605.4 | 1 191.2 | 6 492.4 |
| May | 2 629.9 | 493.1 | 453.9 | 896.8 | 220.0 | 646.9 | 1 195.1 | 6 535.6 |
| June | 2 623.2 | 469.1 | 431.6 | 912.8 | 208.0 | 621.6 | 1 201.9 | 6 468.1 |
| TREND ESTIMATES (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 2 531.6 | 481.2 | 420.0 | 860.3 | 189.5 | 551.3 | 1 159.4 | 6 193.2 |
| May | 2 546.9 | 485.0 | 423.6 | 863.6 | 189.8 | 559.2 | 1 157.8 | 6 225.9 |
| June | 2 564.3 | 488.6 | 426.9 | 868.1 | 191.5 | 569.2 | 1 157.2 | 6 265.8 |
| July | 2 584.9 | 491.3 | 429.5 | 874.5 | 194.7 | 580.8 | 1 159.5 | 6 315.3 |
| August | 2 605.8 | 493.2 | 431.5 | 883.6 | 198.9 | 592.4 | 1 165.1 | 6 370.5 |
| September | 2 621.6 | 494.3 | 433.7 | 894.1 | 203.6 | 604.2 | 1 172.6 | 6 424.2 |
| October | 2 630.1 | 495.1 | 435.9 | 902.9 | 208.0 | 615.8 | 1 179.8 | 6 467.7 |
| November | 2 629.6 | 495.5 | 438.4 | 909.9 | 211.7 | 625.2 | 1 185.8 | 6 496.0 |
| December | 2 622.2 | 496.9 | 442.0 | 915.2 | 214.7 | 631.3 | 1 190.1 | 6 512.5 |
| 2008 | | | | | | | | |
| January | 2 612.9 | 498.4 | 446.3 | 918.4 | 217.0 | 634.1 | 1 192.7 | 6 519.8 |
| February | 2 606.5 | 498.2 | 448.9 | 920.0 | 218.3 | 633.9 | 1 194.1 | 6 519.8 |
| March | 2 604.8 | 495.9 | 449.4 | 919.7 | 218.6 | 631.9 | 1 195.0 | 6 515.2 |
| April | 2 606.7 | 492.2 | 449.0 | 917.7 | 218.0 | 629.6 | 1 195.7 | 6 508.9 |
| May | 2 610.1 | 487.9 | 447.9 | 915.1 | 217.0 | 627.5 | 1 196.2 | 6 501.5 |
| June | 2 615.4 | 483.2 | 446.2 | 911.4 | 215.4 | 625.7 | 1 197.0 | 6 492.6 |

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

(a) See paragraph 5 of the Explanatory Notes.

RETAIL TURNOVER, By Industry Group(a)—Victoria

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality and services | Total |
|----------------------------------|-------------------|----------------------|--|--------------------------------|-----------------------------------|--------------------|--------------------------------|---------|
| ORIGINAL (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 1 926.2 | 317.8 | 318.3 | 643.3 | ^ 158.4 | 441.5 | 607.0 | 4 412.5 |
| May | 1 930.5 | 329.2 | 330.3 | 687.5 | ^ 156.4 | 483.9 | 579.3 | 4 497.2 |
| June | 1 890.6 | 353.5 | 328.8 | 729.9 | 156.4 | 456.6 | 571.1 | 4 486.9 |
| July | 1 911.2 | 348.3 | 329.5 | 712.5 | 158.4 | 477.4 | 574.6 | 4 511.9 |
| August | 1 978.3 | 305.9 | 318.3 | 751.9 | 160.3 | 520.5 | 586.4 | 4 621.6 |
| September | 1 925.0 | 310.0 | 322.7 | 735.3 | ^ 159.6 | 504.9 | 556.8 | 4 514.3 |
| October | 2 003.0 | 336.3 | 358.6 | 746.2 | 182.8 | 557.2 | 635.7 | 4 819.9 |
| November | 2 033.9 | 397.3 | 381.4 | 787.2 | 198.9 | 612.5 | 645.8 | 5 057.0 |
| December | 2 299.3 | 660.4 | 502.4 | 987.1 | ^ 309.3 | 770.6 | 703.3 | 6 232.5 |
| 2008 | | | | | | | | |
| January | 2 064.7 | 325.0 | 335.9 | 772.6 | ^ 197.0 | 482.3 | 630.7 | 4 808.1 |
| February | 1 952.6 | 273.1 | 302.1 | 674.5 | ^ 166.3 | 484.2 | 594.9 | 4 447.7 |
| March | 2 080.3 | 326.4 | 331.1 | 679.4 | ^ 167.8 | 501.3 | 616.2 | 4 702.3 |
| April | 1 967.8 | 328.0 | 370.7 | 702.8 | 147.7 | 511.3 | 587.4 | 4 615.7 |
| May | 2 027.7 | 342.6 | 390.9 | 730.8 | 150.4 | 526.1 | 578.8 | 4 747.3 |
| June | 1 906.2 | 330.4 | 346.4 | 772.4 | 145.1 | 481.6 | 552.7 | 4 534.9 |
| SEASONALLY ADJUSTED (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 1 972.4 | 335.6 | 322.6 | 712.3 | 176.1 | 497.1 | 617.0 | 4 633.1 |
| May | 1 941.4 | 345.3 | 314.7 | 716.0 | 171.2 | 488.9 | 597.3 | 4 574.8 |
| June | 1 976.1 | 351.8 | 336.3 | 730.0 | 173.1 | 506.7 | 599.5 | 4 673.5 |
| July | 1 974.8 | 364.4 | 344.6 | 727.7 | 175.7 | 509.0 | 587.9 | 4 684.0 |
| August | 1 995.8 | 355.6 | 343.1 | 756.6 | 172.7 | 521.0 | 587.0 | 4 731.9 |
| September | 2 006.2 | 352.0 | 343.6 | 755.1 | 173.2 | 528.3 | 585.3 | 4 743.7 |
| October | 1 987.1 | 360.2 | 349.9 | 736.4 | 189.1 | 534.8 | 619.7 | 4 777.0 |
| November | 1 998.1 | 358.4 | 360.5 | 741.4 | 187.2 | 546.2 | 622.1 | 4 813.9 |
| December | 2 014.0 | 357.4 | 368.8 | 762.3 | 193.1 | 535.5 | 617.7 | 4 848.7 |
| 2008 | | | | | | | | |
| January | 2 024.3 | 360.4 | 358.4 | 773.4 | 192.5 | 537.7 | 637.9 | 4 884.6 |
| February | 2 018.3 | 364.9 | 358.9 | 739.5 | 181.4 | 538.1 | 614.3 | 4 815.4 |
| March | 2 043.8 | 357.3 | 361.3 | 754.1 | 175.8 | 550.8 | 598.8 | 4 841.8 |
| April | 2 010.5 | 354.5 | 360.7 | 749.0 | 159.9 | 551.1 | 594.6 | 4 780.3 |
| May | 2 026.0 | 361.0 | 373.8 | 763.8 | 165.0 | 543.3 | 587.7 | 4 820.5 |
| June | 2 015.1 | 331.8 | 346.8 | 770.2 | 162.6 | 527.8 | 592.4 | 4 746.6 |
| TREND ESTIMATES (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 1 951.2 | 347.5 | 323.0 | 719.1 | 174.6 | 499.6 | 607.6 | 4 622.2 |
| May | 1 961.8 | 349.4 | 327.3 | 723.3 | 174.0 | 499.2 | 600.7 | 4 635.8 |
| June | 1 971.4 | 351.9 | 331.9 | 728.8 | 173.4 | 503.0 | 595.3 | 4 655.7 |
| July | 1 979.9 | 354.4 | 337.2 | 734.8 | 173.8 | 510.3 | 592.3 | 4 682.6 |
| August | 1 987.6 | 356.2 | 343.1 | 741.1 | 175.9 | 519.3 | 593.3 | 4 716.6 |
| September | 1 994.0 | 357.4 | 348.9 | 746.5 | 179.8 | 527.6 | 599.4 | 4 753.5 |
| October | 2 000.0 | 358.3 | 353.8 | 750.4 | 184.5 | 533.6 | 608.6 | 4 789.2 |
| November | 2 006.2 | 358.6 | 357.3 | 752.6 | 188.1 | 537.5 | 617.3 | 4 817.6 |
| December | 2 012.4 | 359.7 | 360.0 | 753.4 | 189.2 | 540.3 | 621.9 | 4 836.9 |
| 2008 | | | | | | | | |
| January | 2 018.3 | 360.6 | 361.9 | 753.8 | 186.8 | 542.3 | 620.7 | 4 844.4 |
| February | 2 022.6 | 360.2 | 362.5 | 754.5 | 181.5 | 543.4 | 614.4 | 4 839.1 |
| March | 2 024.7 | 358.1 | 362.1 | 755.6 | 175.1 | 543.8 | 606.1 | 4 825.6 |
| April | 2 024.5 | 354.9 | 361.4 | 757.1 | 169.2 | 543.4 | 598.5 | 4 809.0 |
| May | 2 023.2 | 351.1 | 360.3 | 759.2 | 164.2 | 542.0 | 592.3 | 4 791.5 |
| June | 2 020.9 | 347.1 | 358.9 | 761.0 | 160.0 | 540.6 | 587.3 | 4 771.7 |

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

(a) See paragraph 5 of the Explanatory Notes.

RETAIL TURNOVER, By Industry Group(a)—Queensland

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality and services | Total |
|----------------------------------|-------------------|----------------------|--|--------------------------------|-----------------------------------|--------------------|--------------------------------|---------|
| ORIGINAL (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 1 517.3 | 235.0 | 217.7 | 551.5 | 128.1 | 307.8 | 693.3 | 3 650.8 |
| May | 1 560.8 | 245.8 | 224.7 | 592.4 | 133.7 | 334.2 | 728.7 | 3 820.3 |
| June | 1 526.4 | 292.4 | 261.9 | 639.6 | 130.5 | 334.8 | 744.3 | 3 929.8 |
| July | 1 644.1 | 286.3 | 249.3 | 641.3 | ^ 137.2 | 344.7 | 767.0 | 4 069.9 |
| August | 1 689.7 | 262.1 | 246.0 | 657.4 | ^ 134.1 | 356.2 | 788.7 | 4 134.3 |
| September | 1 638.5 | 276.8 | 264.2 | 667.3 | ^ 128.8 | 358.7 | 763.9 | 4 098.1 |
| October | 1 693.2 | 283.0 | 233.9 | 693.0 | ^ 159.4 | 397.4 | 801.8 | 4 261.7 |
| November | 1 670.0 | 327.8 | 226.2 | 715.9 | ^ 168.1 | 422.0 | 816.5 | 4 346.6 |
| December | 1 842.7 | 530.4 | 300.6 | 852.1 | 231.3 | 530.9 | 907.0 | 5 194.8 |
| 2008 | | | | | | | | |
| January | 1 721.3 | 280.9 | 215.3 | 644.9 | ^ 177.1 | 356.3 | 709.9 | 4 105.9 |
| February | 1 607.4 | 219.7 | 168.9 | 569.1 | ^ 164.6 | 354.2 | 663.7 | 3 747.5 |
| March | 1 717.1 | 263.6 | 181.8 | 603.1 | ^ 163.8 | 371.3 | 701.6 | 4 002.2 |
| April | 1 666.5 | 264.0 | 189.9 | 579.7 | ^ 162.4 | 361.9 | 674.3 | 3 898.7 |
| May | 1 710.0 | 273.7 | 193.3 | 613.5 | ^ 172.5 | 397.2 | 727.6 | 4 087.7 |
| June | 1 620.7 | 271.5 | 191.8 | 628.5 | ^ 165.6 | 382.5 | 689.3 | 3 949.9 |
| SEASONALLY ADJUSTED (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 1 558.8 | 276.2 | 245.6 | 641.0 | 138.2 | 349.3 | 729.0 | 3 938.1 |
| May | 1 570.7 | 269.2 | 241.4 | 638.2 | 138.1 | 343.3 | 750.0 | 3 950.7 |
| June | 1 594.6 | 287.9 | 258.3 | 649.9 | 144.2 | 354.0 | 773.5 | 4 062.4 |
| July | 1 639.6 | 302.0 | 251.3 | 644.3 | 141.9 | 358.8 | 775.1 | 4 113.0 |
| August | 1 648.7 | 288.7 | 245.5 | 654.2 | 142.2 | 359.6 | 781.6 | 4 120.5 |
| September | 1 666.8 | 290.3 | 246.0 | 674.0 | 137.0 | 371.3 | 775.2 | 4 160.5 |
| October | 1 663.2 | 290.5 | 222.5 | 669.6 | 162.6 | 384.7 | 761.8 | 4 154.9 |
| November | 1 666.9 | 293.1 | 223.4 | 661.7 | 160.5 | 391.7 | 772.0 | 4 169.2 |
| December | 1 668.2 | 294.6 | 216.9 | 674.4 | 162.2 | 373.0 | 772.3 | 4 161.6 |
| 2008 | | | | | | | | |
| January | 1 682.1 | 299.1 | 208.5 | 644.8 | 169.8 | 385.3 | 723.5 | 4 113.0 |
| February | 1 713.5 | 296.8 | 216.2 | 619.6 | 176.1 | 393.6 | 728.8 | 4 144.6 |
| March | 1 728.0 | 295.9 | 213.1 | 649.8 | 174.6 | 402.3 | 721.5 | 4 185.1 |
| April | 1 701.8 | 314.3 | 210.5 | 648.7 | 172.7 | 391.9 | 711.7 | 4 151.8 |
| May | 1 717.9 | 299.7 | 203.5 | 656.5 | 180.3 | 409.5 | 737.5 | 4 205.0 |
| June | 1 715.4 | 279.5 | 194.9 | 648.1 | 181.8 | 410.5 | 720.9 | 4 151.1 |
| TREND ESTIMATES (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 1 557.7 | 277.8 | 246.1 | 643.2 | 137.5 | 343.5 | 731.9 | 3 940.0 |
| May | 1 580.6 | 281.3 | 248.7 | 645.7 | 138.6 | 347.3 | 750.4 | 3 994.2 |
| June | 1 604.1 | 285.2 | 250.1 | 648.1 | 140.0 | 352.5 | 764.3 | 4 045.1 |
| July | 1 626.3 | 288.7 | 249.3 | 652.2 | 141.7 | 358.8 | 773.6 | 4 090.5 |
| August | 1 644.2 | 291.1 | 245.4 | 658.7 | 144.1 | 365.5 | 778.2 | 4 127.0 |
| September | 1 656.5 | 292.6 | 238.8 | 664.4 | 148.1 | 371.8 | 777.7 | 4 149.6 |
| October | 1 665.1 | 292.9 | 230.8 | 666.4 | 153.3 | 377.5 | 772.7 | 4 158.7 |
| November | 1 672.4 | 293.1 | 223.4 | 663.4 | 159.2 | 381.9 | 763.7 | 4 157.1 |
| December | 1 680.6 | 294.8 | 217.9 | 657.2 | 164.8 | 385.2 | 752.5 | 4 153.1 |
| 2008 | | | | | | | | |
| January | 1 690.3 | 297.5 | 214.7 | 650.5 | 169.2 | 388.3 | 741.4 | 4 151.9 |
| February | 1 700.4 | 299.5 | 212.5 | 645.8 | 172.2 | 391.6 | 732.2 | 4 154.2 |
| March | 1 708.8 | 300.1 | 210.4 | 644.5 | 174.6 | 395.9 | 725.7 | 4 159.8 |
| April | 1 714.8 | 299.2 | 207.5 | 645.4 | 176.8 | 400.6 | 722.0 | 4 166.2 |
| May | 1 718.6 | 297.4 | 204.2 | 647.2 | 179.0 | 404.9 | 720.0 | 4 171.4 |
| June | 1 720.7 | 294.8 | 201.4 | 648.9 | 180.6 | 409.3 | 719.8 | 4 176.9 |

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

(a) See paragraph 5 of the Explanatory Notes.

RETAIL TURNOVER, By Industry Group(a)—South Australia

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality and services | Total |
|----------------------------------|-------------------|----------------------|--|--------------------------------|-----------------------------------|--------------------|--------------------------------|---------|
| ORIGINAL (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 538.0 | 104.6 | 58.3 | 177.4 | ^ 48.2 | ^ 110.9 | 193.2 | 1 230.7 |
| May | 546.9 | 116.8 | 64.2 | 199.9 | ^ 47.2 | ^ 117.3 | 184.7 | 1 277.1 |
| June | 539.1 | 121.9 | 61.9 | 215.2 | ^ 44.8 | ^ 114.9 | 185.3 | 1 283.0 |
| July | 541.5 | 118.0 | 63.6 | 205.2 | ^ 49.7 | ^ 115.5 | 198.4 | 1 291.8 |
| August | 568.4 | 106.4 | 59.5 | 202.4 | ^ 47.6 | ^ 128.3 | 203.9 | 1 316.6 |
| September | 554.3 | 105.6 | 61.2 | 193.0 | ^ 44.1 | ^ 125.1 | 204.8 | 1 288.0 |
| October | 589.6 | 115.0 | 68.4 | 219.2 | ^ 40.8 | ^ 137.8 | 219.0 | 1 389.7 |
| November | 598.9 | 139.3 | 70.4 | 229.2 | ^ 45.6 | ^ 145.5 | 221.3 | 1 450.1 |
| December | 680.7 | 217.5 | 92.8 | 273.9 | ^ 71.7 | ^ 187.1 | 254.1 | 1 778.0 |
| 2008 | | | | | | | | |
| January | 604.8 | 114.6 | 63.3 | 222.3 | ^ 44.7 | 133.9 | 229.0 | 1 412.5 |
| February | 568.3 | 94.7 | 54.6 | 192.4 | ^ 44.6 | ^ 133.9 | 226.4 | 1 315.0 |
| March | 625.6 | 109.4 | 59.7 | 187.2 | ^ 47.6 | ^ 134.5 | 229.2 | 1 393.2 |
| April | 581.8 | 114.1 | 67.4 | 208.2 | ^ 39.0 | ^ 138.7 | 233.4 | 1 382.6 |
| May | 609.0 | 116.5 | 63.6 | 209.7 | ^ 40.8 | ^ 152.3 | 234.3 | 1 426.2 |
| June | 575.3 | 114.4 | 57.6 | 228.6 | ^ 38.0 | ^ 137.0 | 223.5 | 1 374.4 |
| SEASONALLY ADJUSTED (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 554.9 | 116.0 | 59.7 | 204.6 | 52.9 | 121.4 | 195.4 | 1 304.9 |
| May | 553.9 | 120.4 | 62.3 | 210.4 | 50.6 | 119.3 | 191.5 | 1 308.5 |
| June | 564.1 | 122.5 | 63.6 | 209.7 | 50.7 | 123.1 | 196.7 | 1 330.3 |
| July | 558.5 | 122.5 | 68.3 | 205.4 | 53.8 | 126.0 | 202.0 | 1 336.6 |
| August | 565.0 | 120.9 | 65.4 | 209.6 | 49.1 | 130.4 | 204.2 | 1 344.5 |
| September | 575.9 | 119.5 | 65.5 | 205.2 | 50.2 | 132.9 | 208.2 | 1 357.3 |
| October | 582.4 | 122.0 | 65.4 | 210.3 | 43.4 | 134.4 | 213.6 | 1 371.5 |
| November | 584.3 | 124.7 | 65.8 | 210.8 | 42.9 | 133.5 | 217.3 | 1 379.3 |
| December | 593.2 | 122.7 | 66.5 | 212.4 | 44.9 | 134.3 | 223.7 | 1 397.6 |
| 2008 | | | | | | | | |
| January | 596.6 | 123.3 | 65.3 | 218.1 | 46.4 | 139.4 | 231.5 | 1 420.5 |
| February | 591.3 | 125.1 | 66.2 | 213.1 | 46.9 | 142.8 | 236.0 | 1 421.4 |
| March | 610.1 | 122.3 | 67.3 | 217.3 | 47.0 | 144.1 | 221.5 | 1 429.4 |
| April | 608.2 | 122.0 | 63.3 | 218.5 | 43.1 | 144.7 | 236.2 | 1 436.1 |
| May | 613.0 | 120.5 | 62.8 | 219.8 | 43.6 | 154.6 | 239.6 | 1 453.9 |
| June | 616.5 | 119.4 | 59.5 | 229.4 | 43.3 | 150.7 | 239.3 | 1 458.0 |
| TREND ESTIMATES (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 552.2 | 118.8 | 62.6 | 206.6 | 52.6 | 122.4 | 192.4 | 1 310.8 |
| May | 555.7 | 119.9 | 63.3 | 207.8 | 52.3 | 122.6 | 195.0 | 1 318.4 |
| June | 559.2 | 120.7 | 64.2 | 208.1 | 51.8 | 123.9 | 197.6 | 1 326.1 |
| July | 563.3 | 121.3 | 65.0 | 207.9 | 50.8 | 126.1 | 200.6 | 1 334.8 |
| August | 568.4 | 121.6 | 65.6 | 207.9 | 49.3 | 128.7 | 204.2 | 1 345.4 |
| September | 574.1 | 121.8 | 66.0 | 208.4 | 47.7 | 131.2 | 208.8 | 1 357.7 |
| October | 579.8 | 122.3 | 66.0 | 209.5 | 46.2 | 133.3 | 214.1 | 1 371.1 |
| November | 585.5 | 122.8 | 66.0 | 211.0 | 45.3 | 134.9 | 219.1 | 1 384.6 |
| December | 590.6 | 123.4 | 66.1 | 212.6 | 45.1 | 136.6 | 223.5 | 1 398.0 |
| 2008 | | | | | | | | |
| January | 595.3 | 123.7 | 66.2 | 214.2 | 45.3 | 138.8 | 227.2 | 1 410.5 |
| February | 599.6 | 123.4 | 65.8 | 215.8 | 45.5 | 141.5 | 230.1 | 1 421.5 |
| March | 604.1 | 122.7 | 65.0 | 217.5 | 45.4 | 144.5 | 232.5 | 1 431.5 |
| April | 608.5 | 121.8 | 64.0 | 219.6 | 44.9 | 147.4 | 234.7 | 1 440.8 |
| May | 612.5 | 121.0 | 62.8 | 221.8 | 44.2 | 149.9 | 236.8 | 1 449.8 |
| June | 615.5 | 120.3 | 61.6 | 223.9 | 43.5 | 151.9 | 238.4 | 1 457.4 |

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution (a) See paragraph 5 of the Explanatory Notes.

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

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality and services | Total |
|----------------------------------|-------------------|----------------------|--|--------------------------------|-----------------------------------|--------------------|--------------------------------|---------|
| ORIGINAL (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 817.9 | 147.4 | 132.1 | 351.6 | ^ 75.7 | 175.2 | 277.3 | 1 977.2 |
| May | 822.5 | 159.5 | 143.2 | 388.3 | ^ 76.2 | 187.7 | 283.2 | 2 060.6 |
| June | 811.2 | 160.2 | 131.3 | 407.1 | ^ 73.0 | 178.6 | 271.9 | 2 033.2 |
| July | 837.7 | 162.5 | 132.1 | 368.5 | ^ 83.0 | 185.4 | 278.3 | 2 047.5 |
| August | 864.8 | 150.1 | 132.6 | 379.0 | ^ 80.2 | 195.3 | 285.4 | 2 087.5 |
| September | 843.0 | 154.0 | 132.6 | 385.6 | ^ 83.9 | 179.4 | 282.4 | 2 060.9 |
| October | 869.8 | 166.6 | 151.9 | 392.2 | ^ 88.8 | 203.2 | 289.6 | 2 162.1 |
| November | 889.5 | 194.6 | 158.9 | 415.0 | ^ 92.5 | 223.4 | 308.8 | 2 282.7 |
| December | 994.4 | 311.0 | 200.4 | 495.9 | ^ 127.2 | 299.2 | 326.1 | 2 754.4 |
| 2008 | | | | | | | | |
| January | 857.5 | 154.0 | ^ 136.1 | 364.4 | ^ 101.8 | 201.0 | 281.4 | 2 096.2 |
| February | 827.5 | 128.5 | ^ 121.9 | 319.6 | ^ 98.0 | 190.9 | 257.0 | 1 943.4 |
| March | 890.8 | 150.3 | ^ 121.2 | 334.0 | ^ 104.5 | 197.1 | 261.8 | 2 059.7 |
| April | 852.3 | 160.9 | ^ 148.0 | 330.8 | ^ 111.4 | 196.2 | ^ 270.1 | 2 069.6 |
| May | 891.2 | 163.5 | ^ 153.5 | 345.7 | ^ 111.2 | 211.6 | ^ 278.0 | 2 154.6 |
| June | 847.1 | 158.8 | ^ 136.5 | 350.7 | ^ 104.5 | 191.6 | ^ 271.2 | 2 060.3 |
| SEASONALLY ADJUSTED (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 831.3 | 161.2 | 137.6 | 402.5 | 82.1 | 197.8 | 286.7 | 2 099.1 |
| May | 831.6 | 165.8 | 136.4 | 399.9 | 81.2 | 190.3 | 290.2 | 2 095.4 |
| June | 846.1 | 164.3 | 133.2 | 399.5 | 80.8 | 200.8 | 289.4 | 2 114.1 |
| July | 854.5 | 173.5 | 138.3 | 382.2 | 87.1 | 201.2 | 279.8 | 2 116.6 |
| August | 856.5 | 170.1 | 142.8 | 386.5 | 85.2 | 201.5 | 287.4 | 2 129.9 |
| September | 870.5 | 172.6 | 142.4 | 390.7 | 91.2 | 191.7 | 286.7 | 2 145.7 |
| October | 863.7 | 172.3 | 146.2 | 377.7 | 95.0 | 198.4 | 275.7 | 2 128.9 |
| November | 865.5 | 171.1 | 146.8 | 396.2 | 89.8 | 203.9 | 291.1 | 2 164.2 |
| December | 868.5 | 171.0 | 142.6 | 380.7 | 87.2 | 207.8 | 290.9 | 2 148.8 |
| 2008 | | | | | | | | |
| January | 864.3 | 171.3 | 140.3 | 365.3 | 96.2 | 208.8 | 285.1 | 2 131.4 |
| February | 860.9 | 171.1 | 145.5 | 360.3 | 104.7 | 205.5 | 270.3 | 2 118.5 |
| March | 882.4 | 168.5 | 140.2 | 368.8 | 110.6 | 207.2 | 266.2 | 2 143.8 |
| April | 878.4 | 174.3 | 148.5 | 352.3 | 116.9 | 213.9 | 278.7 | 2 163.0 |
| May | 889.7 | 172.1 | 146.2 | 353.0 | 118.9 | 216.6 | 280.9 | 2 177.3 |
| June | 894.4 | 168.9 | 143.7 | 355.3 | 118.1 | 215.0 | 286.6 | 2 181.9 |
| TREND ESTIMATES (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 831.4 | 164.8 | 136.6 | 398.9 | 81.3 | 197.7 | 290.2 | 2 100.8 |
| May | 838.6 | 166.1 | 137.0 | 397.6 | 81.5 | 197.9 | 289.4 | 2 108.2 |
| June | 845.6 | 167.7 | 137.7 | 394.6 | 83.1 | 197.8 | 287.4 | 2 113.8 |
| July | 852.4 | 169.3 | 139.0 | 391.6 | 85.2 | 197.7 | 285.5 | 2 120.8 |
| August | 858.8 | 170.8 | 140.9 | 389.3 | 87.2 | 198.0 | 284.8 | 2 129.8 |
| September | 863.2 | 171.7 | 142.9 | 387.3 | 88.7 | 199.1 | 285.3 | 2 138.1 |
| October | 865.4 | 172.1 | 144.1 | 385.3 | 89.8 | 200.5 | 285.8 | 2 143.0 |
| November | 865.8 | 171.7 | 144.3 | 382.5 | 91.3 | 202.3 | 285.2 | 2 143.1 |
| December | 865.9 | 171.3 | 144.0 | 378.0 | 93.9 | 204.3 | 283.2 | 2 140.6 |
| 2008 | | | | | | | | |
| January | 867.3 | 171.1 | 143.5 | 372.2 | 98.0 | 206.6 | 280.4 | 2 139.1 |
| February | 870.6 | 171.1 | 143.5 | 366.2 | 103.2 | 208.7 | 277.8 | 2 141.0 |
| March | 875.5 | 171.2 | 144.0 | 361.1 | 108.8 | 210.3 | 276.5 | 2 147.3 |
| April | 881.0 | 171.2 | 144.5 | 357.1 | 113.8 | 212.1 | 276.6 | 2 156.4 |
| May | 886.4 | 171.1 | 145.1 | 353.9 | 118.0 | 213.8 | 277.7 | 2 166.4 |
| June | 891.1 | 171.0 | 145.6 | 352.5 | 121.1 | 215.3 | 279.7 | 2 178.4 |

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

(a) See paragraph 5 of the Explanatory Notes.

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality and services | Total |
|----------------------------------|-------------------|----------------------|--|--------------------------------|-----------------------------------|--------------------|--------------------------------|-------|
| ORIGINAL (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 164.2 | np | 22.9 | 62.7 | ^ 21.2 | np | ^ 41.7 | 386.1 |
| May | 167.4 | np | 22.8 | 69.5 | ^ 22.0 | np | ^ 42.3 | 402.7 |
| June | 163.0 | np | 23.1 | 74.0 | ^ 21.3 | np | ^ 41.5 | 400.4 |
| July | 168.6 | np | 20.1 | 69.3 | ^ 22.7 | np | ^ 42.5 | 402.3 |
| August | 175.0 | np | 20.3 | 73.8 | ^ 23.4 | np | ^ 45.3 | 415.9 |
| September | 165.5 | np | 19.6 | 70.4 | ^ 21.9 | np | ^ 44.4 | 394.9 |
| October | 178.8 | np | 22.3 | 77.8 | ^ 18.3 | np | ^ 49.4 | 419.3 |
| November | 181.8 | np | 25.7 | 79.3 | ^ 20.0 | np | ^ 50.9 | 442.9 |
| December | 203.6 | np | 31.7 | 98.9 | ^ 27.7 | np | ^ 61.9 | 548.3 |
| 2008 | | | | | | | | |
| January | 181.0 | np | 21.9 | 76.7 | *19.5 | np | 52.0 | 426.7 |
| February | 170.3 | np | 22.4 | 70.6 | *19.6 | np | ^ 51.0 | 403.4 |
| March | 179.8 | np | 23.7 | 75.0 | *19.6 | np | ^ 53.0 | 422.0 |
| April | 173.8 | np | 23.8 | 76.0 | ^ 19.5 | np | 51.7 | 413.6 |
| May | 181.7 | np | 22.7 | 80.6 | ^ 19.2 | np | 52.2 | 428.9 |
| June | 170.5 | np | 21.5 | 77.9 | ^ 18.5 | np | 48.4 | 403.8 |
| SEASONALLY ADJUSTED (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 169.9 | np | 22.2 | 72.1 | 23.4 | np | 43.6 | 410.4 |
| May | 170.0 | np | 22.9 | 71.9 | 23.2 | np | 43.9 | 414.3 |
| June | 171.0 | np | 23.2 | 75.0 | 23.4 | np | 45.6 | 421.6 |
| July | 175.0 | np | 22.5 | 72.1 | 23.1 | np | 46.3 | 422.1 |
| August | 175.8 | np | 22.3 | 74.6 | 24.0 | np | 48.3 | 426.6 |
| September | 174.7 | np | 21.8 | 73.4 | 21.6 | np | 47.5 | 419.7 |
| October | 176.8 | np | 23.8 | 74.4 | 19.7 | np | 48.9 | 419.0 |
| November | 176.7 | np | 24.1 | 74.6 | 20.0 | np | 48.3 | 422.3 |
| December | 180.4 | np | 23.1 | 74.9 | 19.6 | np | 50.3 | 427.5 |
| 2008 | | | | | | | | |
| January | 174.0 | np | 22.9 | 78.9 | 19.6 | np | 49.2 | 423.3 |
| February | 174.2 | np | 23.3 | 77.9 | 19.7 | np | 50.7 | 424.2 |
| March | 176.4 | np | 24.2 | 80.2 | 20.2 | np | 51.4 | 427.2 |
| April | 180.1 | np | 22.9 | 82.4 | 20.5 | np | 52.8 | 432.8 |
| May | 182.0 | np | 22.5 | 82.7 | 20.7 | np | 54.3 | 438.3 |
| June | 183.2 | np | 22.1 | 81.1 | 21.1 | np | 54.4 | 435.1 |
| TREND ESTIMATES (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 169.0 | np | 22.6 | 71.5 | 23.4 | np | 42.5 | 410.8 |
| May | 170.9 | np | 22.6 | 72.4 | 23.5 | np | 43.8 | 415.5 |
| June | 172.3 | np | 22.6 | 73.1 | 23.5 | np | 45.3 | 419.1 |
| July | 173.7 | np | 22.6 | 73.5 | 23.1 | np | 46.5 | 421.3 |
| August | 175.0 | np | 22.7 | 73.7 | 22.5 | np | 47.5 | 422.4 |
| September | 176.1 | np | 22.8 | 73.9 | 21.7 | np | 48.1 | 422.7 |
| October | 176.7 | np | 23.0 | 74.3 | 20.8 | np | 48.6 | 422.5 |
| November | 176.7 | np | 23.2 | 75.0 | 20.1 | np | 49.0 | 422.4 |
| December | 176.4 | np | 23.4 | 76.0 | 19.6 | np | 49.4 | 423.0 |
| 2008 | | | | | | | | |
| January | 176.3 | np | 23.5 | 77.4 | 19.6 | np | 50.0 | 424.5 |
| February | 176.7 | np | 23.4 | 78.8 | 19.8 | np | 50.8 | 426.7 |
| March | 177.7 | np | 23.2 | 80.1 | 20.1 | np | 51.7 | 429.1 |
| April | 179.0 | np | 23.0 | 81.2 | 20.4 | np | 52.7 | 431.6 |
| May | 180.5 | np | 22.8 | 82.0 | 20.6 | np | 53.6 | 434.2 |
| June | 181.9 | np | 22.6 | 82.5 | 20.9 | np | 54.2 | 436.5 |

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution np not available for publication but included in totals where applicable, unless otherwise indicated

* estimate has a relative standard error of 25% to 50% and should be used with caution (a) See paragraph 5 of the Explanatory Notes.

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality and services | Total |
|----------------------------------|-------------------|----------------------|--|--------------------------------|-----------------------------------|--------------------|--------------------------------|-------|
| ORIGINAL (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 87.5 | np | 7.6 | 25.0 | ^ 4.6 | np | ^ 31.4 | 179.9 |
| May | 95.6 | np | 9.1 | 27.2 | ^ 5.0 | np | ^ 32.2 | 196.0 |
| June | 97.9 | np | 10.2 | 28.4 | ^ 5.4 | np | ^ 34.4 | 205.8 |
| July | 104.0 | np | 10.6 | 29.6 | ^ 5.1 | np | ^ 36.2 | 215.7 |
| August | 106.5 | np | 10.6 | 31.4 | ^ 4.7 | np | ^ 36.8 | 220.9 |
| September | 99.1 | np | 9.7 | 31.3 | ^ 4.9 | np | ^ 34.7 | 208.2 |
| October | 98.6 | np | 9.8 | 32.0 | ^ 4.8 | np | ^ 33.1 | 209.4 |
| November | 97.0 | np | 9.2 | 31.2 | ^ 4.4 | np | ^ 32.2 | 207.0 |
| December | 101.1 | np | 12.1 | 38.0 | 6.5 | np | ^ 33.3 | 235.2 |
| 2008 | | | | | | | | |
| January | 91.1 | np | 8.3 | 28.1 | ^ 5.2 | np | ^ 28.7 | 186.3 |
| February | 88.0 | np | 7.3 | 27.1 | ^ 5.3 | np | 29.7 | 183.3 |
| March | 96.1 | np | 8.0 | 28.9 | ^ 6.3 | np | 30.8 | 196.6 |
| April | 97.0 | np | 8.0 | 30.7 | ^ 7.7 | np | ^ 29.1 | 201.5 |
| May | 105.7 | np | 9.2 | 31.9 | ^ 8.4 | np | ^ 34.3 | 220.0 |
| June | 104.5 | np | 10.2 | 32.8 | ^ 7.7 | np | ^ 34.6 | 221.7 |
| SEASONALLY ADJUSTED (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 91.2 | np | 8.9 | 27.5 | 4.8 | np | 34.2 | 194.0 |
| May | 92.3 | np | 9.1 | 27.8 | 4.8 | np | 32.6 | 195.1 |
| June | 95.0 | np | 9.5 | 27.0 | 5.0 | np | 32.7 | 198.6 |
| July | 95.3 | np | 9.3 | 29.4 | 4.8 | np | 31.8 | 199.4 |
| August | 96.5 | np | 9.3 | 29.7 | 4.6 | np | 32.4 | 200.2 |
| September | 96.2 | np | 9.3 | 30.8 | 4.7 | np | 32.4 | 201.2 |
| October | 97.0 | np | 9.5 | 30.6 | 4.6 | np | 31.7 | 202.9 |
| November | 99.0 | np | 9.4 | 30.7 | 4.7 | np | 31.4 | 206.3 |
| December | 99.5 | np | 9.4 | 31.9 | 5.1 | np | 33.6 | 212.1 |
| 2008 | | | | | | | | |
| January | 99.5 | np | 9.4 | 30.5 | 6.5 | np | 32.8 | 209.3 |
| February | 99.8 | np | 9.6 | 30.6 | 6.6 | np | 33.9 | 211.6 |
| March | 100.2 | np | 9.5 | 31.1 | 6.8 | np | 34.0 | 212.4 |
| April | 100.9 | np | 9.3 | 32.2 | 7.4 | np | 31.8 | 214.7 |
| May | 102.1 | np | 9.2 | 32.3 | 8.1 | np | 33.6 | 216.9 |
| June | 102.1 | np | 9.5 | 32.2 | 7.4 | np | 33.4 | 216.9 |
| TREND ESTIMATES (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 92.2 | np | 9.2 | 27.3 | 4.8 | np | 33.3 | 194.5 |
| May | 93.0 | np | 9.3 | 27.7 | 4.8 | np | 33.1 | 196.0 |
| June | 94.0 | np | 9.3 | 28.3 | 4.8 | np | 32.8 | 197.4 |
| July | 95.0 | np | 9.3 | 28.9 | 4.7 | np | 32.4 | 198.8 |
| August | 96.0 | np | 9.3 | 29.7 | 4.6 | np | 32.1 | 200.4 |
| September | 96.9 | np | 9.4 | 30.3 | 4.6 | np | 32.0 | 202.2 |
| October | 97.7 | np | 9.4 | 30.7 | 4.7 | np | 32.1 | 204.3 |
| November | 98.4 | np | 9.4 | 30.9 | 5.0 | np | 32.4 | 206.5 |
| December | 99.0 | np | 9.5 | 31.0 | 5.4 | np | 32.7 | 208.5 |
| 2008 | | | | | | | | |
| January | 99.6 | np | 9.5 | 31.0 | 5.9 | np | 33.0 | 210.4 |
| February | 100.1 | np | 9.5 | 31.2 | 6.5 | np | 33.2 | 211.9 |
| March | 100.5 | np | 9.4 | 31.4 | 7.0 | np | 33.3 | 213.2 |
| April | 101.0 | np | 9.4 | 31.7 | 7.3 | np | 33.3 | 214.6 |
| May | 101.5 | np | 9.4 | 32.0 | 7.6 | np | 33.3 | 215.9 |
| June | 102.0 | np | 9.4 | 32.2 | 7.8 | np | 33.2 | 216.9 |

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

np not available for publication but included in totals where applicable, unless otherwise indicated

(a) See paragraph 5 of the Explanatory Notes.

| Month | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality and services | Total |
|----------------------------------|-------------------|----------------------|--|--------------------------------|-----------------------------------|--------------------|--------------------------------|-------|
| ORIGINAL (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 145.0 | 29.7 | ^ 22.8 | 65.8 | 15.5 | ^ 25.2 | ^ 50.3 | 354.4 |
| May | 150.2 | 30.6 | 23.8 | 70.5 | ^ 15.5 | ^ 26.3 | ^ 54.7 | 371.7 |
| June | 148.5 | 32.4 | 24.3 | 78.4 | ^ 15.7 | ^ 24.6 | ^ 54.4 | 378.4 |
| July | 145.1 | 30.1 | 22.6 | 67.5 | ^ 16.7 | ^ 24.5 | ^ 55.9 | 362.4 |
| August | 151.9 | 26.5 | 21.2 | 72.0 | ^ 14.7 | ^ 28.5 | ^ 60.1 | 374.9 |
| September | 149.2 | 27.3 | 22.2 | 73.1 | ^ 15.2 | ^ 27.0 | ^ 57.4 | 371.4 |
| October | 155.0 | 30.6 | 24.3 | 73.4 | ^ 15.3 | ^ 27.6 | ^ 57.8 | 384.2 |
| November | 159.6 | 33.9 | 23.4 | 76.9 | ^ 16.4 | ^ 27.9 | ^ 57.0 | 395.1 |
| December | 169.1 | 58.2 | 33.0 | 93.9 | ^ 23.2 | 36.8 | ^ 59.9 | 474.2 |
| 2008 | | | | | | | | |
| January | 153.1 | 29.4 | 20.3 | 69.6 | ^ 15.2 | ^ 25.6 | ^ 50.0 | 363.2 |
| February | 150.5 | 24.3 | 20.0 | 61.2 | ^ 17.0 | ^ 24.9 | ^ 57.4 | 355.3 |
| March | 162.0 | 29.3 | 23.5 | 63.3 | ^ 16.6 | ^ 25.6 | ^ 55.9 | 376.3 |
| April | 157.5 | 30.2 | 26.6 | 61.5 | ^ 16.8 | ^ 24.9 | ^ 52.3 | 369.7 |
| May | 165.2 | 30.2 | 25.7 | 64.8 | ^ 16.4 | ^ 26.3 | ^ 54.8 | 383.3 |
| June | 151.8 | 31.5 | 24.2 | 68.6 | ^ 15.6 | ^ 22.9 | ^ 52.5 | 367.2 |
| SEASONALLY ADJUSTED (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 150.0 | 30.7 | 22.2 | 76.0 | 16.3 | 27.5 | 52.6 | 375.2 |
| May | 149.3 | 31.3 | 22.4 | 75.8 | 16.7 | 27.5 | 53.9 | 376.9 |
| June | 151.4 | 31.7 | 23.1 | 76.8 | 16.2 | 26.8 | 54.2 | 380.2 |
| July | 149.1 | 32.8 | 24.4 | 70.8 | 15.4 | 26.1 | 55.0 | 373.6 |
| August | 150.3 | 31.4 | 24.4 | 74.6 | 14.6 | 28.3 | 57.2 | 380.6 |
| September | 152.4 | 31.4 | 23.4 | 74.1 | 16.4 | 26.6 | 55.6 | 379.8 |
| October | 153.9 | 32.3 | 24.4 | 71.3 | 16.6 | 27.5 | 54.9 | 381.0 |
| November | 153.7 | 31.6 | 23.9 | 71.0 | 16.7 | 26.3 | 55.4 | 378.7 |
| December | 152.5 | 31.7 | 23.8 | 69.9 | 17.2 | 25.5 | 55.8 | 376.3 |
| 2008 | | | | | | | | |
| January | 156.1 | 31.8 | 22.5 | 68.6 | 17.8 | 29.2 | 57.0 | 383.1 |
| February | 157.3 | 32.2 | 24.0 | 68.6 | 16.2 | 26.8 | 62.1 | 387.3 |
| March | 161.3 | 31.8 | 23.6 | 68.2 | 16.8 | 27.0 | 57.1 | 385.8 |
| April | 161.9 | 31.6 | 24.5 | 68.1 | 17.9 | 26.9 | 53.4 | 384.3 |
| May | 161.7 | 31.7 | 24.2 | 69.3 | 16.8 | 26.9 | 53.8 | 384.5 |
| June | 158.4 | 31.0 | 23.2 | 70.2 | 16.2 | 25.8 | 53.7 | 378.5 |
| TREND ESTIMATES (\$ million) | | | | | | | | |
| 2007 | | | | | | | | |
| April | 147.3 | 31.5 | 22.9 | 76.5 | 16.4 | 27.8 | 52.7 | 375.2 |
| May | 148.9 | 31.6 | 23.2 | 75.8 | 16.2 | 27.5 | 53.6 | 376.8 |
| June | 150.1 | 31.7 | 23.4 | 75.1 | 15.9 | 27.3 | 54.5 | 377.9 |
| July | 150.8 | 31.8 | 23.7 | 74.3 | 15.7 | 27.0 | 55.2 | 378.5 |
| August | 151.4 | 31.8 | 23.9 | 73.5 | 15.7 | 26.9 | 55.5 | 378.7 |
| September | 151.8 | 31.8 | 24.1 | 72.7 | 16.0 | 26.9 | 55.6 | 378.8 |
| October | 152.5 | 31.8 | 24.0 | 71.8 | 16.4 | 26.9 | 55.8 | 379.2 |
| November | 153.4 | 31.8 | 23.8 | 70.9 | 16.7 | 27.0 | 56.4 | 379.9 |
| December | 154.8 | 31.8 | 23.6 | 69.9 | 17.0 | 27.0 | 57.0 | 381.1 |
| 2008 | | | | | | | | |
| January | 156.3 | 31.9 | 23.6 | 69.1 | 17.1 | 27.1 | 57.4 | 382.6 |
| February | 157.9 | 31.9 | 23.7 | 68.6 | 17.1 | 27.2 | 57.4 | 383.7 |
| March | 159.4 | 31.8 | 23.8 | 68.6 | 17.1 | 27.1 | 56.8 | 384.4 |
| April | 160.4 | 31.7 | 23.9 | 68.7 | 17.0 | 26.9 | 55.8 | 384.3 |
| May | 161.1 | 31.5 | 23.9 | 68.9 | 16.9 | 26.7 | 54.8 | 383.8 |
| June | 161.4 | 31.4 | 23.9 | 69.2 | 16.7 | 26.4 | 53.8 | 383.0 |

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

(a) See paragraph 5 of the Explanatory Notes.

QUARTERLY TURNOVER, Chain Volume Measures(a)—by Industry Group(b)

| <i>Quarter</i> | <i>Food retailing</i> | <i>Department stores</i> | <i>Clothing and soft good retailing</i> | <i>Household good retailing</i> | <i>Recreational good retailing</i> | <i>Other retailing</i> | <i>Hospitality and services</i> | <i>Total</i> |
|----------------------------------|---------------------------|------------------------------|---|---|--|----------------------------|---|--------------|
| ORIGINAL (\$ million) | | | | | | | | |
| 2006 | | | | | | | | |
| June | 20 827.6 | 4 040.2 | 3 449.6 | 7 842.2 | 1 807.9 | 5 077.5 | 8 644.2 | 51 687.6 |
| September | 21 233.7 | 3 845.5 | 3 397.5 | 8 308.6 | 1 848.8 | 5 242.0 | 8 781.3 | 52 657.4 |
| December | 22 837.3 | 5 560.4 | 4 211.6 | 9 755.3 | 2 410.0 | 6 390.4 | 9 466.9 | 60 631.8 |
| 2007 | | | | | | | | |
| March | 21 668.7 | 3 653.6 | 3 347.8 | 8 575.8 | 1 957.6 | 4 982.4 | 8 635.4 | 52 821.3 |
| June | 21 591.1 | 4 108.7 | 3 683.0 | 8 597.7 | 1 852.7 | 4 952.6 | 8 699.4 | 53 485.2 |
| September | 22 219.8 | 4 071.5 | 3 644.7 | 9 137.8 | 1 945.4 | 5 363.3 | 8 907.8 | 55 290.3 |
| December | 23 997.2 | 5 773.5 | 4 468.4 | 10 680.3 | 2 590.5 | 6 796.1 | 9 736.2 | 64 042.3 |
| 2008 | | | | | | | | |
| March | 22 303.6 | 3 853.4 | 3 538.8 | 8 917.1 | 2 211.1 | 5 445.3 | 8 630.2 | 54 899.6 |
| June | 21 793.7 | 4 097.7 | 3 793.0 | 9 064.4 | 2 074.5 | 5 469.9 | 8 448.3 | 54 741.4 |
| SEASONALLY ADJUSTED (\$ million) | | | | | | | | |
| 2006 | | | | | | | | |
| June | 21 393.4 | 4 227.1 | 3 497.1 | 8 295.6 | 1 974.0 | 5 450.2 | 8 913.8 | 53 769.3 |
| September | 21 466.5 | 4 205.9 | 3 579.3 | 8 470.0 | 1 955.9 | 5 423.2 | 8 857.4 | 53 958.2 |
| December | 21 592.7 | 4 274.8 | 3 638.6 | 8 643.0 | 2 044.6 | 5 381.9 | 8 817.4 | 54 393.1 |
| 2007 | | | | | | | | |
| March | 22 064.1 | 4 357.0 | 3 686.8 | 9 039.4 | 2 038.3 | 5 429.0 | 8 938.7 | 55 553.4 |
| June | 22 207.4 | 4 330.5 | 3 735.2 | 9 085.1 | 2 030.3 | 5 333.3 | 8 969.4 | 55 691.0 |
| September | 22 485.8 | 4 495.5 | 3 852.9 | 9 317.0 | 2 073.6 | 5 545.9 | 8 998.4 | 56 769.1 |
| December | 22 696.1 | 4 470.4 | 3 868.0 | 9 419.3 | 2 201.3 | 5 753.3 | 9 046.8 | 57 455.2 |
| 2008 | | | | | | | | |
| March | 22 420.1 | 4 500.4 | 3 885.4 | 9 414.7 | 2 283.0 | 5 901.4 | 8 850.5 | 57 255.5 |
| June | 22 465.2 | 4 382.2 | 3 805.9 | 9 481.5 | 2 261.7 | 5 832.9 | 8 701.1 | 56 930.5 |
| TREND ESTIMATES (\$ million) | | | | | | | | |
| 2006 | | | | | | | | |
| June | 21 360.9 | 4 196.6 | 3 502.5 | 8 260.1 | 1 951.6 | 5 385.1 | 8 879.2 | 53 544.8 |
| September | 21 478.9 | 4 240.4 | 3 573.8 | 8 472.0 | 1 986.0 | 5 439.1 | 8 870.2 | 54 066.4 |
| December | 21 682.7 | 4 271.7 | 3 631.4 | 8 709.0 | 2 017.0 | 5 406.1 | 8 867.8 | 54 586.6 |
| 2007 | | | | | | | | |
| March | 21 959.7 | 4 325.3 | 3 690.8 | 8 940.6 | 2 029.2 | 5 373.3 | 8 905.9 | 55 223.8 |
| June | 22 270.7 | 4 389.0 | 3 758.0 | 9 150.2 | 2 045.8 | 5 412.7 | 8 978.1 | 56 004.5 |
| September | 22 490.9 | 4 451.4 | 3 830.3 | 9 298.3 | 2 099.3 | 5 551.1 | 9 020.0 | 56 741.2 |
| December | 22 549.8 | 4 479.6 | 3 865.7 | 9 382.8 | 2 183.0 | 5 719.6 | 8 972.5 | 57 152.0 |
| 2008 | | | | | | | | |
| March | 22 528.2 | 4 466.1 | 3 862.9 | 9 444.3 | 2 251.8 | 5 842.7 | 8 869.8 | 57 265.4 |
| June | 22 458.7 | 4 426.1 | 3 837.1 | 9 476.3 | 2 294.4 | 5 905.3 | 8 739.2 | 57 134.2 |

(a) Reference year for chain volume measures is 2005–06. See paragraph 31 of the Explanatory Notes.

(b) See paragraph 5 of the Explanatory Notes.

QUARTERLY TURNOVER, Chain Volume Measures(a)—by Industry Group(b) *continued*

| Quarter | Food retailing | Department stores | Clothing and soft good retailing | Household good retailing | Recreational good retailing | Other retailing | Hospitality and services | Total |
|---|-------------------|----------------------|--|--------------------------------|-----------------------------------|--------------------|--------------------------------|-------|
| ORIGINAL (% change from preceding quarter) | | | | | | | | |
| 2006 | | | | | | | | |
| June | -0.2 | 16.7 | 10.5 | 3.1 | -2.0 | 5.0 | 1.6 | 2.9 |
| September | 1.9 | -4.8 | -1.5 | 5.9 | 2.3 | 3.2 | 1.6 | 1.9 |
| December | 7.6 | 44.6 | 24.0 | 17.4 | 30.4 | 21.9 | 7.8 | 15.1 |
| 2007 | | | | | | | | |
| March | -5.1 | -34.3 | -20.5 | -12.1 | -18.8 | -22.0 | -8.8 | -12.9 |
| June | -0.4 | 12.5 | 10.0 | 0.3 | -5.4 | -0.6 | 0.7 | 1.3 |
| September | 2.9 | -0.9 | -1.0 | 6.3 | 5.0 | 8.3 | 2.4 | 3.4 |
| December | 8.0 | 41.8 | 22.6 | 16.9 | 33.2 | 26.7 | 9.3 | 15.8 |
| 2008 | | | | | | | | |
| March | -7.1 | -33.3 | -20.8 | -16.5 | -14.6 | -19.9 | -11.4 | -14.3 |
| June | -2.3 | 6.3 | 7.2 | 1.7 | -6.2 | 0.5 | -2.1 | -0.3 |
| SEASONALLY ADJUSTED (% change from preceding quarter) | | | | | | | | |
| 2006 | | | | | | | | |
| June | 0.4 | 1.1 | 1.5 | 3.0 | 2.5 | 3.5 | 0.9 | 1.4 |
| September | 0.3 | -0.5 | 2.4 | 2.1 | -0.9 | -0.5 | -0.6 | 0.4 |
| December | 0.6 | 1.6 | 1.7 | 2.0 | 4.5 | -0.8 | -0.5 | 0.8 |
| 2007 | | | | | | | | |
| March | 2.2 | 1.9 | 1.3 | 4.6 | -0.3 | 0.9 | 1.4 | 2.1 |
| June | 0.6 | -0.6 | 1.3 | 0.5 | -0.4 | -1.8 | 0.3 | 0.2 |
| September | 1.3 | 3.8 | 3.2 | 2.6 | 2.1 | 4.0 | 0.3 | 1.9 |
| December | 0.9 | -0.6 | 0.4 | 1.1 | 6.2 | 3.7 | 0.5 | 1.2 |
| 2008 | | | | | | | | |
| March | -1.2 | 0.7 | 0.4 | 0.0 | 3.7 | 2.6 | -2.2 | -0.3 |
| June | 0.2 | -2.6 | -2.0 | 0.7 | -0.9 | -1.2 | -1.7 | -0.6 |
| TREND ESTIMATES (% change from preceding quarter) | | | | | | | | |
| 2006 | | | | | | | | |
| June | 0.2 | 0.8 | 1.7 | 2.0 | 0.5 | 2.7 | 0.8 | 1.0 |
| September | 0.6 | 1.0 | 2.0 | 2.6 | 1.8 | 1.0 | -0.1 | 1.0 |
| December | 0.9 | 0.7 | 1.6 | 2.8 | 1.6 | -0.6 | 0.0 | 1.0 |
| 2007 | | | | | | | | |
| March | 1.3 | 1.3 | 1.6 | 2.7 | 0.6 | -0.6 | 0.4 | 1.2 |
| June | 1.4 | 1.5 | 1.8 | 2.3 | 0.8 | 0.7 | 0.8 | 1.4 |
| September | 1.0 | 1.4 | 1.9 | 1.6 | 2.6 | 2.6 | 0.5 | 1.3 |
| December | 0.3 | 0.6 | 0.9 | 0.9 | 4.0 | 3.0 | -0.5 | 0.7 |
| 2008 | | | | | | | | |
| March | -0.1 | -0.3 | -0.1 | 0.7 | 3.2 | 2.2 | -1.1 | 0.2 |
| June | -0.3 | -0.9 | -0.7 | 0.3 | 1.9 | 1.1 | -1.5 | -0.2 |

(a) Reference year for chain volume measures is 2005-06. See paragraph 31 of the Explanatory Notes.

(b) See paragraph 5 of the Explanatory Notes.

QUARTERLY TURNOVER, Chain Volume Measures(a)—by State

| Quarter | New South Wales | Victoria | Queensland | South Australia | Western Australia | Tasmania | Northern Territory | Australian Capital Territory | Australia |
|----------------------------------|-----------------|----------|------------|-----------------|-------------------|----------|--------------------|------------------------------|-----------|
| ORIGINAL (\$ million) | | | | | | | | | |
| 2006 | | | | | | | | | |
| June | 16 945.7 | 12 804.3 | 10 354.2 | 3 537.3 | 5 397.0 | 1 111.3 | 525.6 | 1 012.7 | 51 687.6 |
| September | 17 168.0 | 12 724.1 | 10 873.7 | 3 578.1 | 5 564.3 | 1 129.6 | 580.9 | 1 038.7 | 52 657.4 |
| December | 19 726.2 | 14 897.6 | 12 213.4 | 4 160.2 | 6 570.0 | 1 296.0 | 570.8 | 1 197.4 | 60 631.8 |
| 2007 | | | | | | | | | |
| March | 17 164.6 | 12 845.8 | 10 674.9 | 3 661.1 | 5 800.2 | 1 150.5 | 496.0 | 1 028.2 | 52 821.3 |
| June | 17 311.5 | 12 883.9 | 10 973.9 | 3 673.1 | 5 863.5 | 1 151.1 | 558.0 | 1 070.2 | 53 485.2 |
| September | 17 960.1 | 13 030.9 | 11 746.6 | 3 740.6 | 5 950.8 | 1 174.5 | 616.6 | 1 070.1 | 55 290.3 |
| December | 21 001.1 | 15 357.0 | 13 157.4 | 4 422.2 | 6 921.0 | 1 357.3 | 619.8 | 1 206.4 | 64 042.3 |
| 2008 | | | | | | | | | |
| March | 17 898.2 | 13 279.2 | 11 238.5 | 3 907.5 | 5 806.7 | 1 197.2 | 533.8 | 1 038.5 | 54 899.6 |
| June | 17 759.8 | 13 096.4 | 11 173.7 | 3 942.1 | 5 925.4 | 1 187.1 | 600.6 | 1 056.1 | 54 741.4 |
| SEASONALLY ADJUSTED (\$ million) | | | | | | | | | |
| 2006 | | | | | | | | | |
| June | 17 624.6 | 13 262.4 | 10 856.5 | 3 674.2 | 5 614.9 | 1 163.3 | 531.8 | 1 039.9 | 53 769.3 |
| September | 17 634.2 | 13 203.5 | 10 923.1 | 3 701.9 | 5 723.1 | 1 176.1 | 538.6 | 1 057.8 | 53 958.2 |
| December | 17 628.6 | 13 352.8 | 11 023.0 | 3 731.2 | 5 863.8 | 1 165.6 | 545.1 | 1 082.9 | 54 393.1 |
| 2007 | | | | | | | | | |
| March | 18 076.6 | 13 442.9 | 11 271.4 | 3 821.1 | 6 108.5 | 1 180.7 | 558.0 | 1 094.2 | 55 553.4 |
| June | 18 030.9 | 13 352.1 | 11 518.5 | 3 818.2 | 6 102.7 | 1 204.8 | 564.1 | 1 099.7 | 55 691.0 |
| September | 18 493.6 | 13 522.3 | 11 823.8 | 3 881.9 | 6 152.4 | 1 225.0 | 574.5 | 1 095.7 | 56 769.1 |
| December | 18 754.5 | 13 769.3 | 11 879.9 | 3 963.9 | 6 183.5 | 1 219.8 | 590.2 | 1 094.1 | 57 455.2 |
| 2008 | | | | | | | | | |
| March | 18 681.9 | 13 793.0 | 11 758.3 | 4 044.3 | 6 068.3 | 1 217.4 | 596.7 | 1 095.6 | 57 255.5 |
| June | 18 491.1 | 13 525.2 | 11 726.8 | 4 094.5 | 6 159.7 | 1 242.6 | 606.0 | 1 084.5 | 56 930.5 |
| TREND ESTIMATES (\$ million) | | | | | | | | | |
| 2006 | | | | | | | | | |
| June | 17 559.3 | 13 135.1 | 10 857.5 | 3 658.2 | 5 593.1 | 1 175.9 | 526.1 | 1 040.0 | 53 544.8 |
| September | 17 640.8 | 13 283.5 | 10 927.2 | 3 706.0 | 5 740.9 | 1 169.2 | 538.6 | 1 060.1 | 54 066.4 |
| December | 17 744.9 | 13 344.5 | 11 051.0 | 3 748.3 | 5 899.6 | 1 170.3 | 547.7 | 1 080.0 | 54 586.6 |
| 2007 | | | | | | | | | |
| March | 17 916.8 | 13 371.8 | 11 271.7 | 3 790.7 | 6 039.4 | 1 184.4 | 555.5 | 1 093.6 | 55 223.8 |
| June | 18 184.2 | 13 436.1 | 11 548.6 | 3 834.8 | 6 134.0 | 1 203.2 | 565.4 | 1 098.3 | 56 004.5 |
| September | 18 471.8 | 13 565.9 | 11 767.1 | 3 889.6 | 6 155.9 | 1 216.9 | 576.3 | 1 097.7 | 56 741.2 |
| December | 18 633.5 | 13 684.6 | 11 828.5 | 3 960.4 | 6 140.9 | 1 221.8 | 587.3 | 1 095.1 | 57 152.0 |
| 2008 | | | | | | | | | |
| March | 18 668.2 | 13 713.9 | 11 800.7 | 4 035.2 | 6 131.7 | 1 226.3 | 597.6 | 1 091.8 | 57 265.4 |
| June | 18 591.1 | 13 657.8 | 11 734.7 | 4 099.8 | 6 123.5 | 1 232.8 | 606.3 | 1 088.0 | 57 134.2 |

(a) Reference year for chain volume measures is 2005–06. See paragraph 31 of the Explanatory Notes.

| Quarter | New South Wales | Victoria | Queensland | South Australia | Western Australia | Tasmania | Northern Territory | Australian Capital Territory | Australia |
|---|-----------------|----------|------------|-----------------|-------------------|----------|--------------------|------------------------------|-----------|
| ORIGINAL (% change from preceding quarter) | | | | | | | | | |
| 2006 | | | | | | | | | |
| June | 2.7 | 3.7 | 1.7 | 2.6 | 4.3 | -3.7 | 16.9 | 5.8 | 2.9 |
| September | 1.3 | -0.6 | 5.0 | 1.2 | 3.1 | 1.6 | 10.5 | 2.6 | 1.9 |
| December | 14.9 | 17.1 | 12.3 | 16.3 | 18.1 | 14.7 | -1.7 | 15.3 | 15.1 |
| 2007 | | | | | | | | | |
| March | -13.0 | -13.8 | -12.6 | -12.0 | -11.7 | -11.2 | -13.1 | -14.1 | -12.9 |
| June | 0.9 | 0.3 | 2.8 | 0.3 | 1.1 | 0.0 | 12.5 | 4.1 | 1.3 |
| September | 3.7 | 1.1 | 7.0 | 1.8 | 1.5 | 2.0 | 10.5 | 0.0 | 3.4 |
| December | 16.9 | 17.9 | 12.0 | 18.2 | 16.3 | 15.6 | 0.5 | 12.7 | 15.8 |
| 2008 | | | | | | | | | |
| March | -14.8 | -13.5 | -14.6 | -11.6 | -16.1 | -11.8 | -13.9 | -13.9 | -14.3 |
| June | -0.8 | -1.4 | -0.6 | 0.9 | 2.0 | -0.8 | 12.5 | 1.7 | -0.3 |
| SEASONALLY ADJUSTED (% change from preceding quarter) | | | | | | | | | |
| 2006 | | | | | | | | | |
| June | 1.0 | 2.5 | 0.4 | 1.4 | 2.5 | -2.3 | 4.5 | 1.6 | 1.4 |
| September | 0.1 | -0.4 | 0.6 | 0.8 | 1.9 | 1.1 | 1.3 | 1.7 | 0.4 |
| December | 0.0 | 1.1 | 0.9 | 0.8 | 2.5 | -0.9 | 1.2 | 2.4 | 0.8 |
| 2007 | | | | | | | | | |
| March | 2.5 | 0.7 | 2.3 | 2.4 | 4.2 | 1.3 | 2.4 | 1.0 | 2.1 |
| June | -0.3 | -0.7 | 2.2 | -0.1 | -0.1 | 2.0 | 1.1 | 0.5 | 0.2 |
| September | 2.6 | 1.3 | 2.7 | 1.7 | 0.8 | 1.7 | 1.9 | -0.4 | 1.9 |
| December | 1.4 | 1.8 | 0.5 | 2.1 | 0.5 | -0.4 | 2.7 | -0.1 | 1.2 |
| 2008 | | | | | | | | | |
| March | -0.4 | 0.2 | -1.0 | 2.0 | -1.9 | -0.2 | 1.1 | 0.1 | -0.3 |
| June | -1.0 | -1.9 | -0.3 | 1.2 | 1.5 | 2.1 | 1.6 | -1.0 | -0.6 |
| TREND ESTIMATES (% change from preceding quarter) | | | | | | | | | |
| 2006 | | | | | | | | | |
| June | 0.6 | 1.4 | 0.6 | 1.0 | 2.2 | -0.2 | 2.6 | 1.5 | 1.0 |
| September | 0.5 | 1.1 | 0.6 | 1.3 | 2.6 | -0.6 | 2.4 | 1.9 | 1.0 |
| December | 0.6 | 0.5 | 1.1 | 1.1 | 2.8 | 0.1 | 1.7 | 1.9 | 1.0 |
| 2007 | | | | | | | | | |
| March | 1.0 | 0.2 | 2.0 | 1.1 | 2.4 | 1.2 | 1.4 | 1.3 | 1.2 |
| June | 1.5 | 0.5 | 2.5 | 1.2 | 1.6 | 1.6 | 1.8 | 0.4 | 1.4 |
| September | 1.6 | 1.0 | 1.9 | 1.4 | 0.4 | 1.1 | 1.9 | -0.1 | 1.3 |
| December | 0.9 | 0.9 | 0.5 | 1.8 | -0.2 | 0.4 | 1.9 | -0.2 | 0.7 |
| 2008 | | | | | | | | | |
| March | 0.2 | 0.2 | -0.2 | 1.9 | -0.1 | 0.4 | 1.8 | -0.3 | 0.2 |
| June | -0.4 | -0.4 | -0.6 | 1.6 | -0.1 | 0.5 | 1.5 | -0.3 | -0.2 |

(a) Reference year for chain volume measures is 2005-06. See paragraph 31 of the Explanatory Notes.

EXPLANATORY NOTES

INTRODUCTION

1 This publication presents monthly estimates of the value of turnover of retail businesses classified by industry, and by state and territory. The principal objective of the series is to show month to month movement of turnover.

2 Estimates of turnover contained in this publication are compiled from the Retail Business survey. Following a new sample design introduced in the July 2007 reference month, the survey includes about 4,200 retail and selected service businesses. All 'large' businesses are included in the survey, while a sample of about 3,200 'smaller' businesses is selected. The 'large' business' contribution of approximately 57% of the total estimate ensures a highly reliable Australian total turnover estimate.

SCOPE AND COVERAGE

3 The scope of the Retail Business survey is all employing businesses with at least one retail outlet. Like most Australian Bureau of Statistics (ABS) economic surveys, the frame used for the Retail Business survey is taken from the ABS Business Register which includes registrations to the Australian Taxation Office's (ATO) pay-as-you-go withholding (PAYGW) scheme. Each statistical unit (as defined below) included on the ABS Business Register is classified to the Australian and New Zealand Standard Industrial Classification (ANZSIC) industry in which it mainly operates. The frame is supplemented with information about businesses which are classified as non-retail but which have significant retail activity.

4 The frame is updated quarterly to take account of new businesses, businesses which have ceased employing, changes in industry and other general business changes. The estimates include an allowance for the time it takes a newly registered business to get on to the survey frame. Businesses which have ceased employing are identified when the ATO cancels their Australian Business Number (ABN) and/or PAYGW registration. In addition, businesses with less than 50 employees, and which do not remit under the PAYGW scheme in each of the previous five quarters are removed from the frame.

5 The following industries included in the survey are as defined in ANZSIC:

- Food retailing
 - Supermarkets and grocery stores (5110) and non-petrol sales of convenience stores of selected petrol stations
 - Takeaway food retailing (5125)
 - Other food retailing
 - Fresh meat, fish and poultry retailing (5121)
 - Fruit and vegetable retailing (5122)
 - Liquor retailing (5123)
 - Bread and cake retailing (5124)
 - Specialised food retailing n.e.c. (5129)
- Department stores (5210)
- Clothing and soft good retailing
 - Clothing retailing (5221)
 - Footwear, fabric and other soft good retailing
 - Footwear retailing (5222)
 - Fabric and other soft good retailing (5223)
- Household good retailing
 - Furniture and floor covering retailing
 - Furniture retailing (5231)
 - Floor covering retailing (5232)
 - Domestic hardware and houseware retailing (5233)
 - Domestic appliance and recorded music retailing
 - Domestic appliance retailing (5234)
 - Recorded music retailing (5235)

EXPLANATORY NOTES *continued*

SCOPE AND COVERAGE

continued

- Recreational good retailing
 - Newspaper, book and stationery retailing (5243)
 - Other recreational goods 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 n.e.c.
 - Antique and used good retailing (5252)
 - Garden supplies retailing (5253)
 - Flower retailing (5254)
 - Watch and jewellery retailing (5255)
 - Retailing n.e.c. (5259)
- 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).

STATISTICAL UNITS DEFINED ON THE ABS BUSINESS REGISTER

6 The ABS uses an economic statistics units model on the ABS Business Register to describe the characteristics of businesses, and the structural relationships between related businesses. The units model is also used to break groups of related businesses into relatively homogeneous components that can provide data to the ABS.

7 In mid-2002, to better use the information available as a result of The New Tax System, the ABS changed its economic statistics units model. The new units model allocates businesses to one of two sub-populations. The vast majority of businesses are in what is called the ATO Maintained Population, while the remaining businesses are in the ABS Maintained Population. Together, these two sub-populations make up the ABS Business Register population.

ATO Maintained Population

8 Most businesses and organisations in Australia need to obtain an ABN, and are then included on the ATO Australian Business Register. Most of these businesses have simple structures; therefore the unit registered for an ABN will satisfy ABS statistical requirements. For these businesses, the ABS has aligned its statistical units structure with the ABN unit. The businesses with simple structures constitute the ATO Maintained Population, and the ABN unit is used as the statistical unit for all economic collections.

ABS Maintained Population

9 For the population of businesses where the ABN unit is not suitable for ABS statistical requirements, the ABS maintains its own units structure through direct contact with each business. These businesses constitute the ABS Maintained Population. This population consists typically of large, complex and diverse businesses. The new statistical units model described below has been introduced to cover such businesses.

Enterprise Group: This is a unit covering all the operations in Australia of one or more legal entities under common ownership and/or control. It covers all the operations in Australia of legal entities which are related in terms of the current Corporations Law (as amended by the *Corporations Legislation Amendment Act 1991*), including legal entities such as companies, trusts, and partnerships. Majority ownership is not required for control to be exercised.

EXPLANATORY NOTES *continued*

ABS Maintained Population *continued*

Enterprise: The enterprise is an institutional unit comprising (i) a single legal entity or business entity, or (ii) more than one legal entity or business entity within the same Enterprise Group and in the same institutional subsector (i.e. they are all classified to a single Standard Institutional Sector Classification of Australia subsector).

Type of Activity Unit (TAU): The TAU is comprised of one or more business entities, sub-entities or branches of a business entity within an Enterprise Group that can report production and employment data for similar economic activities. When a minimum set of data items are available, a TAU is created which covers all the operations within an industry subdivision (and the TAU is classified to the relevant subdivision of the ANZSIC). Where a business cannot supply adequate data for each industry, a TAU is formed which contains activity in more than one industry subdivision.

10 For more information on the impacts of the introduction of the new economic statistics units model, refer to *Information Paper: Improvements in ABS Economic Statistics [Arising from the New Tax System]* (cat. no. 1372.0).

11 Prior to the July 2002 reference month, the Retail Business survey used the management unit as the statistical unit. From the July 2002 reference month onwards, the statistical unit is the ABN unit for businesses with simple structures, and the TAU for businesses with complex structures. In most cases, ABN/TAU units concord with the management units previously used.

SURVEY METHODOLOGY

12 The survey is conducted monthly by both telephone interview and a questionnaire mailed to businesses. The businesses included in the survey are selected by random sample from a frame stratified by state, industry and business size. Following the new sample design introduced in the July 2004 issue, the survey uses annualised turnover as the measure of business size. For the ATO Maintained Population, the annualised turnover is based on the ATO's Business Activity Statement item Total sales and for the ABS Maintained Population a modelled annualised turnover is used. For stratification purposes the annualised turnover allocated to each business is not updated each quarter as to do so would result in increased volatility in the estimates.

13 The July 2004 issue also saw the introduction of the generalised regression estimation methodology which replaced ratio estimation. For estimation purposes the annualised turnover allocated to each business is updated each quarter. The introduction of the new sample design and new estimation methodology resulted in changes to the level of the Retail Trade series. However, to facilitate comparisons over time, the historical series were revised to make the time series of estimates as continuous as possible. For more information about the changes introduced in the July 2004 issue refer to *Information Paper: Changes to the Retail Trade Series* (cat. no. 8501.0.55.002) which is available from the ABS web site <<http://www.abs.gov.au>>.

14 In the first month of each quarter, some businesses in the sample are replaced, at random, by other businesses so that the reporting load can be spread across smaller retailers.

15 Most businesses can provide turnover on a calendar month basis and this is how the data are presented. When businesses cannot provide turnover on a calendar month basis, the reported data and the period they relate to are used to estimate turnover for the calendar month.

16 Most retailers operate in a single state/territory. For this reason, estimates of turnover by state/territory are only collected from the larger retailers which are included in the survey each month. These retailers are asked to provide turnover for sales from each state/territory in which the business operates. Turnover for the smaller businesses is allocated to the state of their head office or main outlet.

EXPLANATORY NOTES *continued*

DEFINITION OF TURNOVER

17 Turnover includes retail sales; wholesale sales; takings from repairs, meals and hiring of goods (except for rent, leasing and hiring of land and buildings); 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 the goods and services tax.

18 Turnover presented in the Retail Trade series includes net proceeds from licensed gambling activities undertaken in the Hotels and licensed clubs industry. The impact of net proceeds from gambling on movements in the Retail Trade series was discussed in *Feature article: Contribution of gambling to retail estimates* included in the December 2002 issue of this publication. The article concluded that net proceeds from gambling had not had a significant impact on quarterly movements for the series but net proceeds from gambling had increased over time, and users should be aware of this when interpreting the series. Since September 2004, an electronic release, *Contribution of Gambling to Retail Estimates* (cat. no. 8501.0.55.003), has been providing updated quarterly information, but this has been discontinued as of June 2007, as the result of a user review of this product.

SEASONAL ADJUSTMENT

19 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 (e.g. 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.

20 The seasonally adjusted estimates also have an allowance for an Easter proximity effect, which is caused when Easter falls late in March or early in April. This effect, when present, is combined with the seasonal and trading day factors to form the combined adjustment factors. There is also a similar allowance for the variable timing of Father's Day. See the Appendix of the July 2001 and August 2002 issues respectively of this publication for more information.

21 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. For more information see *Information Paper: Introduction of Concurrent Seasonal Adjustment into the Retail Trade Series* (cat. no. 8514.0).

22 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 and Hospitality/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 August 2007 using data up to and including the June 2007 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.

EXPLANATORY NOTES *continued*

SEASONAL ADJUSTMENT

continued

COMBINED ADJUSTMENT FACTORS

| | <i>Jun</i> 2007 | <i>May</i> 2008 | <i>Jun</i> 2008 |
|--|--------------------|--------------------|--------------------|
| Factors as estimated at last reanalysis (June 2007 reference month) | 0.96843 | 0.98233 | 0.95360 |
| Factors as estimated with current month's data (June 2008 reference month) | 0.96323 | 0.98047 | 0.95134 |

23 The revision properties of the seasonally adjusted and trend estimates can be improved by the use of autoregressive integrated moving average (ARIMA) modelling. ARIMA modelling relies on the characteristics of the series being analysed to project future period data. The projected values are temporary, intermediate values, that are only used internally to improve the estimation of the seasonal factors. The projected data do not affect the original estimates and are discarded at the end of the seasonal adjustment process. The retail collection uses ARIMA modelling where appropriate for individual time series. The ARIMA model is assessed as part of the annual reanalysis and following the 2006 annual reanalysis 95% of Retail series use an ARIMA model. For more information on the details of ARIMA modelling see *Feature article: Use of ARIMA modelling to reduce revisions* in the October 2004 issue of *Australian Economic Indicators* (cat. no. 1350.0).

24 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 months' data as they become available.

COMBINED ADJUSTMENT FACTORS

| | <i>Jul</i> 2008 | <i>Aug</i> 2008 | <i>Sep</i> 2008 |
|--|--------------------|--------------------|--------------------|
| Factors as estimated with current month's data (June 2008 reference month) | 0.98454 | 0.97285 | 0.96867 |

25 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 2007 issue.

26 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.

27 A "two-dimensional reconciliation" methodology has been used on the seasonally adjusted time series in this publication to force additivity - that is, to force the sum of fine-level (state by industry) estimates to be equal to the relevant state and industry totals, and Australian total. This methodology was first implemented in the November 2006 publication, and in publications prior to November the total for a state or industry did not necessarily equal the sum of the component series. The new methodology has been implemented for all timepoints back to the beginning of all series. For further details on the methodology employed, contact <time.series.analysis@abs.gov.au>.

TREND ESTIMATES

28 The monthly trend estimates are derived by applying a 13-term Henderson moving

EXPLANATORY NOTES *continued*

average to the seasonally adjusted estimates (7-term for quarterly series). The Henderson moving average is symmetric, but as the end of a time series is approached, asymmetric forms of the moving average have to be applied. The asymmetric moving averages have been tailored to suit the particular characteristics of individual series and enable trend estimates for recent periods to be produced. Estimates of the trend will be improved at the current end of the time series as additional observations become available. This improvement is due to the combined effect of the concurrent seasonal adjustment methodology and the application of different asymmetric moving averages for the most recent six months (or three quarters). As a result of the improvement, most revisions to the trend estimates will be observed for the most recent six months (or three quarters).

29 Trend estimates are used to analyse the underlying behaviour of the series over time. As a result of the introduction of The New Tax System, a break in the monthly trend series has been inserted between June and July 2000. Care should therefore be taken if comparisons span this period. For more details refer to the Appendix in the December 2000 issue of this publication.

30 For further information on trend estimates, see *Information Paper: A Guide to Interpreting Time Series — Monitoring Trends, 2003* (cat. no. 1349.0) or contact the Assistant Director, Time Series Analysis on Canberra (02) 6252 6345 or by email at <time.series.analysis@abs.gov.au>.

CHAIN VOLUME MEASURES

31 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. The reference year is advanced each September issue and is currently 2005–06. 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. Data for the 2007–08 financial year will initially be based upon price data for the 2005–06 financial year. Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series. While current price estimates reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and hence only reflect volume changes. Further information on the nature and concepts of chain volume measures is contained in the ABS publication *Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts* (cat. no. 5248.0).

RELIABILITY OF ESTIMATES

32 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. Sampling error may be larger for the first month of each quarter, when some of the businesses in the sample are replaced by other businesses so that the reporting load can be spread across retailers.

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.

STANDARD ERRORS

33 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

EXPLANATORY NOTES *continued*

the sampling variability contained in the prices data used to deflate the current price estimates.

34 Estimates, in original terms, that have an estimated relative standard error (RSE) between 10% and 25% are annotated with the symbol '^'. These estimates should be used with caution as they are subject to sampling variability too high for some purposes. Estimates with an RSE between 25% and 50% are annotated with the symbol '*', indicating that the estimates should be used with caution as they are subject to sampling variability too high for most practical purposes. Estimates with an RSE greater than 50% are annotated with the symbol '**' indicating that the sampling variability causes the estimates to be considered too unreliable for general use.

35 To further assist users in assessing the reliability of estimates, key data series has been given a grading of A to E. 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.
- D represents a relative standard error on level between 10% and 15% meaning users are advised to exercise caution in interpreting movements for such series.
- E represents a relative standard error on level greater than 15% (mainly affects unpublished state by industry series).

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

| | <i>Food retailing</i> | <i>Depart- ment Stores</i> | <i>Clothing & soft good retailing</i> | <i>House- hold good retailing</i> | <i>Recrea- tional good retailing</i> | <i>Other retailing</i> | <i>Hospit- ality & services</i> | <i>Total</i> |
|-------|---------------------------|------------------------------------|---|---|--|----------------------------|---|--------------|
| NSW | A | A | C | B | D | C | C | A |
| Vic. | B | A | C | B | D | C | C | A |
| Qld | B | A | C | B | D | C | C | A |
| SA | B | A | C | C | E | D | C | A |
| WA | B | A | C | C | E | C | C | A |
| Tas. | B | np | C | C | E | np | D | B |
| NT | B | np | B | B | D | np | D | B |
| ACT | B | A | C | B | D | D | D | A |
| Aust. | A | A | B | A | B | B | B | A |

np not available for publication but included in totals where applicable, unless otherwise indicated

ABS DATA AVAILABLE ON
REQUEST

37 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 Canberra (02) 6252 5220 or by email at <retail.trade@abs.gov.au>.

RELATED PUBLICATIONS

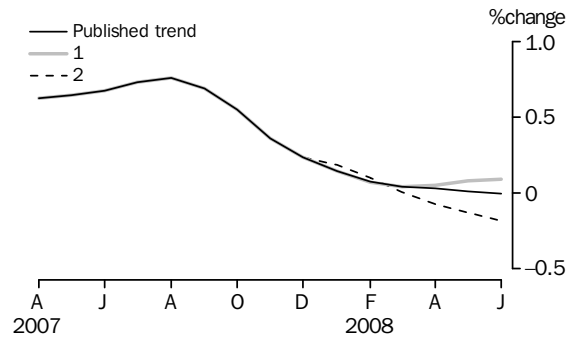
38 Current publications and other products released by the ABS are available from the Statistics View of the ABS web site <<http://www.abs.gov.au>>. The ABS also issues a daily Release Advice on the web site which details products to be released in the week ahead.

TECHNICAL NOTE REVISIONS TO TREND ESTIMATES

EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

1 The most recent trend estimates published in this release are likely to be revised when next month's seasonally adjusted estimates become available. To assist readers of this publication in analysing retail trends, the approximate effect of the two possible scenarios on the previous trend estimates of the percentage change in total retail turnover for Australia are presented below. For more information see the trend estimates section of the Explanatory Notes.

- 1 The July seasonally adjusted estimate of retail turnover is 1.0% higher than the June estimate.
- 2 The July seasonally adjusted estimate of retail turnover is 1.0% lower than the June estimate.



2 Under concurrent seasonal adjustment, the most recent seasonally adjusted and trend estimates are likely to be revised when original estimates for subsequent months become available. The trend revision is a combined result of the revision of the seasonally adjusted estimates and the revision derived from the use of asymmetric moving averages as future data become available (for more information, refer to paragraph 28 in the Explanatory Notes). ABS research shows that about 75% of the total revision to the trend estimate at the current end of the time series is due to the use of different asymmetric moving averages when the original estimate for the next time period becomes available. To assess the reliability of the trend estimate at the current end, the 'what-if' chart presents trend estimates under two different scenarios of the next time period. The chart shows only the impact due to the changes of the asymmetric moving averages and does not include the unknown impact of revision to seasonal factor estimates that would arise when the original estimate for the next time period becomes available.

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