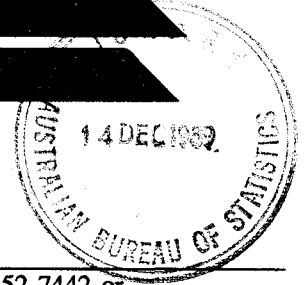


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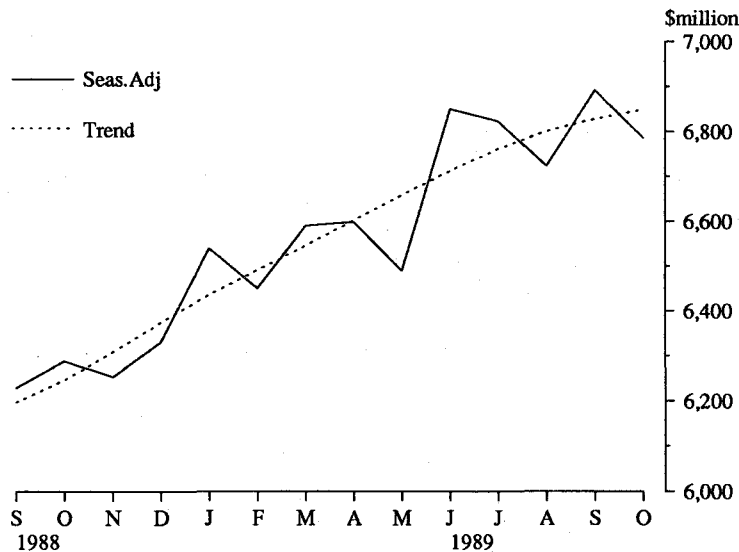
**RETAIL TRADE
 AUSTRALIA, OCTOBER 1989**

- PHONE INQUIRIES**
- *about these statistics* — contact Maurie Low on Canberra (062) 52 7442 or any ABS State office.
 - *about the constant price estimates* — contact Mr Graeme Groves on Canberra (062) 52 6807
 - *about other statistics and ABS services* — contact Information Services on Canberra (062) 52 6627, 52 5402, 52 6007 or any ABS State office.
- MAIL INQUIRIES**
- *write to Information Services*, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any ABS State office.
- ELECTRONIC SERVICES**
- on VIATEL — key *656#.
 - on AUSSTATS — phone (062) 52 6017.
 - on TELESTATS — phone (062) 52 5404 Foreign Trade statistics inquiries, (062) 52 5405 Main Economic Indicator inquiries.

Trend estimates for the most recent months are provisional and could change as data for further months become available.

SUMMARY OF FINDINGS

**TURNOVER OF RETAIL ESTABLISHMENTS, AUSTRALIA
 CHART 1: MONTHLY ESTIMATES, CURRENT PRICES**

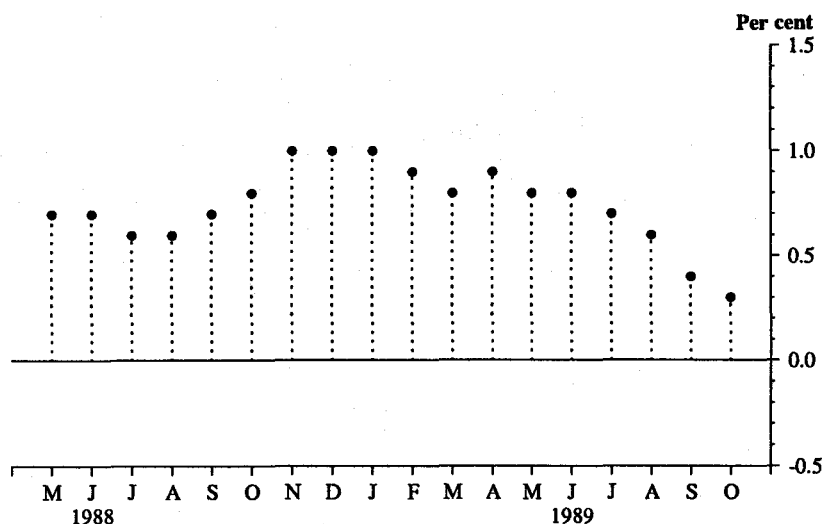


AUSTRALIAN ESTIMATES

The estimated monthly turnover of retail establishments (excluding motor vehicles, parts, petrol etc.) in Australia fell by 0.1 per cent in October (from \$6,729 million to \$6,720 million). In seasonally adjusted terms, Retail turnover fell by 1.5 per cent (from \$6893 million to \$6,789 million).

With the addition of October data, trend estimates for the most recent months currently show a weak rate of growth averaging 0.4 per cent per month over the last 3 months.

TURNOVER OF RETAIL ESTABLISHMENTS, AUSTRALIA
CHART 2 : MONTHLY CHANGES IN TREND, CURRENT PRICES



INDUSTRY TRENDS

The slowing in the overall growth rate appears to be influenced by the trends in 3 of the major industries:

- Grocers, confectioners and tobacconists (the largest industry) shows a moderating growth rate with the increase in the trend estimates averaging 0.7 per cent per month over the past three months.
- Hotels, liquor stores and licensed clubs, the second largest industry, is now showing weak growth averaging 0.4 per cent per month over the past 3 months. This follows a period of strong growth between February and July 1989.
- Retail turnover in the Clothing and fabrics stores industry has been declining since March 1989. Trend estimates for the industry are currently averaging a decline of 0.5 per cent per month over the past 3 months.

In contrast, the third largest industry Department and general stores is averaging a relatively strong 1.0 per cent growth rate in the trend estimates over the last 3 months.

Trend estimates for the last 3 months show a decline in many of the smaller industries. These include Domestic hardware stores and jewellers, Butchers, Floor coverings stores, Footwear stores and Furniture stores.

However, strong growth is being exhibited by Electrical goods stores and Pharmacies.

STATE TRENDS

All States are continuing to experience growth with Western Australia experiencing the strongest growth; trend estimates average an increase of 0.9 per cent per month over the last 3 months.

The New South Wales growth rate appears to have eased from the strong growth exhibited between September 1988 and July 1989 with trend estimates averaging a moderate 0.6 per cent growth per month over the last 3 months.

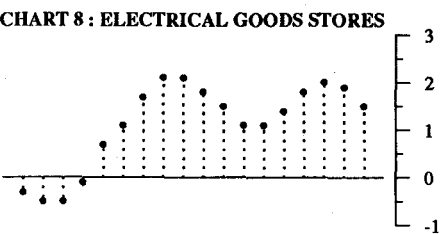
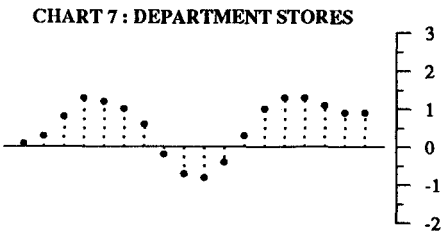
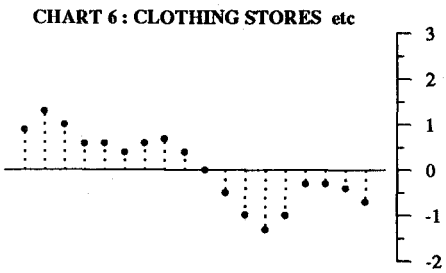
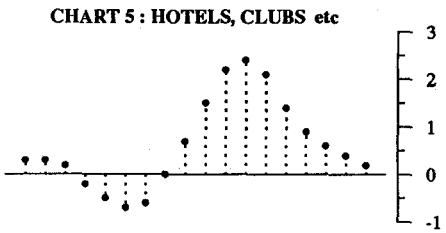
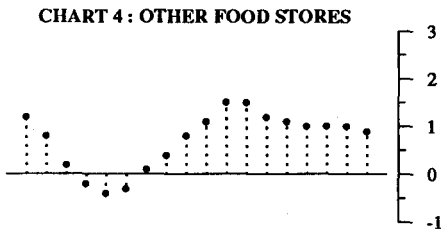
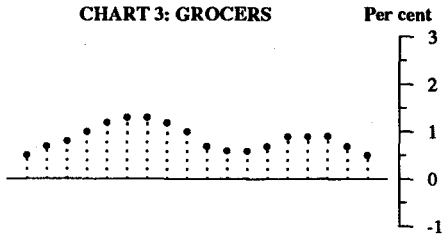
Queensland's growth rate has also eased and is now averaging a moderate 0.7 per cent per month over the last 3 months. Tasmania is experiencing a similar growth rate.

Victorian retail turnover continues a long pattern of weak growth.

NOTE: Explanatory Notes are published at the end of this bulletin.

**TURNOVER OF RETAIL ESTABLISHMENTS
AUSTRALIA**

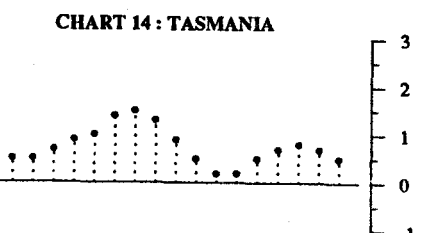
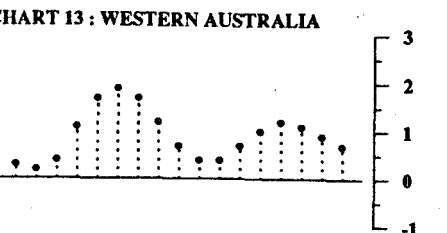
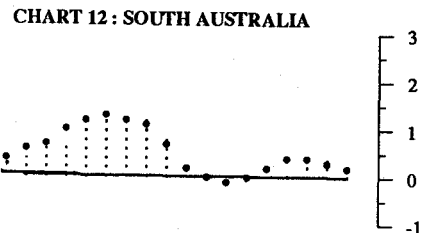
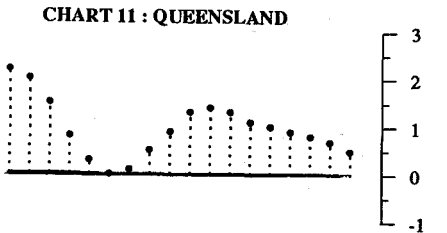
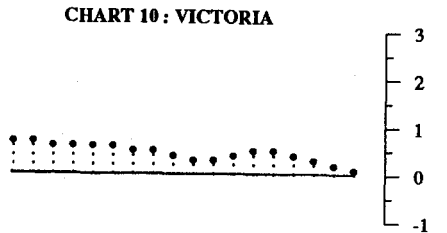
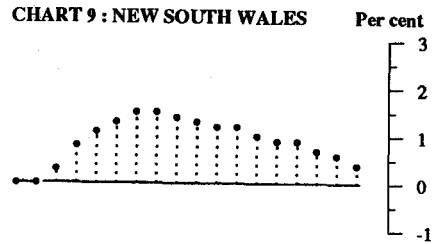
**TREND ESTIMATES, MONTHLY CHANGES
CURRENT PRICES, SELECTED INDUSTRIES**
Percentage change from preceding month



M J J A S O N D J F M A M J J A S O
1988 1989

TURNOVER OF RETAIL ESTABLISHMENTS

**TREND ESTIMATES, MONTHLY CHANGES
CURRENT PRICES, STATES**
Percentage change from preceding month



M J J A S O N D J F M A M J J A S O
1988 1989

TABLE 1. TURNOVER OF RETAIL ESTABLISHMENTS,
MONTHLY ESTIMATES, AT CURRENT PRICES, AUSTRALIA (a) (b)

| Month | Original | | Seasonally adjusted | | Trend estimates (c) | | | |
|------------------------------|----------|-------------------------------|--|---------|-------------------------------|---------|-------------------------------|--|
| | \$m | % change from preceding month | % change from corresponding month of previous year | \$m | % change from preceding month | \$m | % change from preceding month | % change from corresponding month of previous year |
| 1988 | | | | | | | | |
| August | 5,877.9 | 0.5 | 8.8 | 6,069.3 | -0.6 | 6,156.2 | 0.6 | 7.3 |
| September | 6,101.0 | 3.8 | 9.2 | 6,229.3 | 2.6 | 6,198.4 | 0.7 | 7.4 |
| October | 6,186.8 | 1.4 | 4.6 | 6,289.2 | 1.0 | 6,247.9 | 0.8 | 7.7 |
| November | 6,503.8 | 5.1 | 10.6 | 6,254.2 | -0.6 | 6,309.2 | 1.0 | 8.3 |
| December | 8,786.5 | 35.1 | 8.5 | 6,330.7 | 1.2 | 6,375.2 | 1.0 | 8.9 |
| 1989 | | | | | | | | |
| January | 6,133.1 | -30.2 | 10.6 | 6,539.9 | 3.3 | 6,436.1 | 1.0 | 9.4 |
| February | 5,680.1 | -7.4 | 5.6 | 6,451.2 | -1.4 | 6,491.5 | 0.9 | 9.7 |
| March | 6,460.9 | 13.7 | 9.0 | 6,590.0 | 2.2 | 6,545.8 | 0.8 | 9.9 |
| April | 6,215.0 | -3.8 | 8.8 | 6,598.6 | 0.1 | 6,603.4 | 0.9 | 10.1 |
| May | 6,502.0 | 4.6 | 10.4 | 6,489.7 | -1.7 | 6,659.4 | 0.8 | 10.3 |
| June | 6,547.2 | 0.7 | 11.5 | 6,851.1 | 5.6 | 6,712.5 | 0.8 | 10.4 |
| July | 6,440.6 | -1.6 | 10.1 | 6,822.7 | -0.4 | 6,762.3 | 0.7 | 10.5 |
| August | 6,559.2 | 1.8 | 11.6 | 6,724.0 | -1.4 | 6,801.7 | 0.6 | 10.5 |
| September | 6,729.2 | 2.6 | 10.3 | 6,892.9 | 2.5 | 6,828.9 | 0.4 | 10.2 |
| October | 6,719.9 | -0.1 | 8.6 | 6,788.5 | -1.5 | 6,849.3 | 0.3 | 9.6 |
| Standard error (d) of | | | | | | | | |
| Latest month | 58.1 | | | | | | | |
| Change from previous month | 19.5 | 0.3 | | | | | | |

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes. (c) Subject to revision - see from paragraph 21 of Explanatory Notes. (d) See paragraphs 9 to 13 of Explanatory Notes.

TABLE 2. TURNOVER OF RETAIL ESTABLISHMENTS,
QUARTERLY ESTIMATES, AUSTRALIA (a) (b)

| Quarter | Original | | Seasonally adjusted | | | |
|---|----------|---------------------------------|--|----------|---------------------------------|--|
| | \$m | % change from preceding quarter | % change from corresponding quarter of previous year | \$m | % change from preceding quarter | % change from corresponding quarter of previous year |
| AT CURRENT PRICES | | | | | | |
| 1988 | | | | | | |
| September | 17,826.8 | 2.0 | 7.0 | 18,404.0 | 1.5 | 6.6 |
| December | 21,477.1 | 20.5 | 8.0 | 18,874.1 | 2.6 | 7.9 |
| 1989 | | | | | | |
| March | 18,274.1 | -14.9 | 8.4 | 19,581.1 | 3.7 | 10.0 |
| June | 19,264.2 | 5.4 | 10.3 | 19,939.4 | 1.8 | 10.0 |
| September | 19,729.0 | 2.4 | 10.7 | 20,439.6 | 2.5 | 11.1 |
| AT CONSTANT (AVERAGE 1984-85) PRICES | | | | | | |
| 1988 | | | | | | |
| September | 13,654.1 | 0.2 | -0.2 | 14,089.9 | -0.4 | -0.6 |
| December | 16,251.2 | 19.0 | 1.0 | 14,300.9 | 1.5 | 0.9 |
| 1989 | | | | | | |
| March | 13,687.6 | -15.8 | 1.6 | 14,633.5 | 2.3 | 3.1 |
| June | 14,148.6 | 3.4 | 3.9 | 14,652.1 | 0.1 | 3.6 |
| September | 14,279.5 | 0.9 | 4.6 | 14,787.7 | 0.9 | 5.0 |

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes.

TABLE 3. TURNOVER OF RETAIL ESTABLISHMENTS.
MONTHLY ESTIMATES BY INDUSTRY, AT CURRENT PRICES, AUSTRALIA (a) (b)

| Month | Grocers, confectioners, tobacconists | | Hotels, liquor stores, licensed clubs | | Cafes and restaurants | Clothing and fabrics stores | Department & general stores | Footwear stores | Domestic hardware stores, jewellers | Electrical goods stores | Furniture stores | Floor coverings stores | Pharmacies | Newsagents | Other stores | Total | |
|--------------------------------|--------------------------------------|-------------------|---------------------------------------|-------------------|-----------------------|-----------------------------|-----------------------------|-------------------|-------------------------------------|-------------------------|-------------------|------------------------|-------------------|-------------------|-------------------|-------------------|--|
| | Butchers | Other food stores | Other food stores | Other food stores | Other food stores | Other food stores | Other food stores | Other food stores | Other food stores | Other food stores | Other food stores | Other food stores | Other food stores | Other food stores | Other food stores | Other food stores | |
| ORIGINAL \$ million | | | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | | | |
| August | 1,653.7 | 153.9 | 377.8 | 773.9 | 248.6 | 500.0 | 640.4 | 70.2 | 179.2 | 345.8 | 139.6 | 64.5 | 235.4 | 212.1 | 282.7 | 5,877.9 | |
| September | 1,699.9 | 157.8 | 398.4 | 818.4 | 245.5 | 531.4 | 711.4 | 84.6 | 184.4 | 333.6 | 137.5 | 63.7 | 233.4 | 202.6 | 298.6 | 6,101.0 | |
| October | 1,706.1 | 158.1 | 400.6 | 843.4 | 249.1 | 529.2 | 717.8 | 87.7 | 208.3 | 327.4 | 139.0 | 64.8 | 235.0 | 208.4 | 312.0 | 6,186.8 | |
| November | 1,759.1 | 153.6 | 391.3 | 837.8 | 253.3 | 540.9 | 855.9 | 79.5 | 236.5 | 371.0 | 149.4 | 68.7 | 237.1 | 228.1 | 341.7 | 6,503.8 | |
| December | 2,085.0 | 199.8 | 431.0 | 1,063.5 | 318.1 | 764.4 | 1,544.7 | 102.7 | 447.3 | 525.2 | 165.1 | 68.3 | 311.0 | 286.8 | 473.8 | 8,786.5 | |
| 1989 | | | | | | | | | | | | | | | | | |
| January | 1,725.7 | 161.1 | 415.2 | 856.8 | 293.1 | 492.4 | 621.0 | 81.3 | 215.4 | 347.0 | 126.9 | 48.1 | 230.0 | 235.5 | 283.6 | 6,133.1 | |
| February | 1,674.2 | 148.2 | 374.5 | 775.8 | 262.7 | 419.5 | 543.1 | 64.9 | 197.9 | 321.5 | 122.6 | 52.8 | 213.8 | 235.8 | 272.7 | 5,680.1 | |
| March | 1,895.4 | 169.9 | 405.4 | 878.1 | 294.0 | 470.9 | 707.3 | 76.4 | 210.5 | 363.0 | 132.1 | 53.6 | 238.4 | 245.2 | 313.8 | 6,460.9 | |
| April | 1,762.1 | 160.8 | 393.4 | 847.5 | 282.1 | 507.2 | 686.1 | 86.2 | 202.8 | 360.4 | 130.5 | 56.7 | 228.9 | 228.1 | 282.4 | 6,215.0 | |
| May | 1,781.8 | 172.8 | 398.4 | 838.4 | 289.0 | 541.4 | 752.3 | 91.1 | 219.4 | 410.8 | 141.5 | 60.1 | 250.4 | 245.2 | 309.3 | 6,502.0 | |
| June | 1,818.2 | 177.7 | 410.3 | 849.6 | 299.4 | 533.5 | 773.5 | 102.8 | 187.3 | 404.6 | 144.4 | 58.3 | 245.5 | 235.0 | 307.3 | 6,547.2 | |
| July | 1,810.0 | 168.9 | 409.3 | 856.5 | 313.2 | 508.0 | 703.5 | 92.1 | 190.7 | 400.6 | 134.4 | 61.4 | 247.2 | 237.4 | 307.4 | 6,440.6 | |
| August | 1,892.0 | 169.7 | 415.0 | 862.1 | 309.1 | 476.4 | 712.1 | 80.7 | 193.7 | 412.8 | 140.6 | 62.6 | 263.3 | 251.1 | 318.3 | 6,559.2 | |
| September | 1,889.4 | 168.2 | 430.4 | 912.0 | 321.6 | 499.9 | 745.2 | 89.9 | 203.2 | 409.5 | 142.7 | 62.8 | 268.1 | 244.3 | 342.2 | 6,729.2 | |
| October | 1,841.4 | 164.7 | 458.1 | 917.2 | 319.1 | 508.0 | 739.3 | 90.2 | 216.4 | 411.9 | 149.1 | 58.5 | 264.7 | 244.5 | 336.8 | 6,719.9 | |
| Standard error (c) of | | | | | | | | | | | | | | | | | |
| Level | 20.0 | 10.6 | 19.3 | 25.9 | 18.8 | 17.7 | 0.0 | 6.1 | 17.5 | 14.3 | 8.5 | 3.2 | 10.1 | 13.3 | 15.7 | 58.1 | |
| Change | 5.2 | 3.1 | 5.4 | 6.5 | 8.3 | 7.5 | 0.0 | 2.1 | 3.5 | 6.0 | 3.2 | 2.2 | 2.1 | 4.0 | 7.6 | 19.5 | |
| TREND ESTIMATES (d) \$ million | | | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | | | |
| August | 1,682.1 | 151.0 | 391.2 | 836.7 | n.p. | 524.5 | 753.2 | 83.0 | 209.4 | 347.6 | 137.2 | 61.0 | 229.4 | 212.0 | n.p. | 6,156.2 | |
| September | 1,701.7 | 154.2 | 389.7 | 832.3 | n.p. | 527.4 | 762.6 | 82.9 | 209.8 | 349.9 | 136.1 | 62.0 | 232.7 | 214.2 | n.p. | 6,198.4 | |
| October | 1,723.4 | 157.3 | 388.7 | 826.6 | n.p. | 529.6 | 770.3 | 82.6 | 211.0 | 353.9 | 135.3 | 62.4 | 235.0 | 217.9 | n.p. | 6,247.9 | |
| November | 1,746.6 | 160.2 | 389.0 | 821.9 | n.p. | 533.0 | 774.9 | 82.4 | 213.6 | 359.8 | 135.3 | 62.0 | 236.5 | 222.7 | n.p. | 6,309.2 | |
| December | 1,768.2 | 163.0 | 390.6 | 821.5 | n.p. | 536.7 | 773.5 | 82.1 | 218.2 | 367.4 | 136.3 | 61.1 | 238.3 | 228.5 | n.p. | 6,375.2 | |
| 1989 | | | | | | | | | | | | | | | | | |
| January | 1,785.5 | 165.9 | 393.6 | 827.2 | n.p. | 539.0 | 768.1 | 81.6 | 224.0 | 375.0 | 138.0 | 59.9 | 240.3 | 234.0 | n.p. | 6,436.1 | |
| February | 1,798.8 | 168.8 | 398.0 | 839.8 | n.p. | 539.1 | 761.6 | 81.8 | 230.1 | 381.9 | 139.8 | 58.8 | 242.7 | 238.9 | n.p. | 6,491.5 | |
| March | 1,809.6 | 171.3 | 403.8 | 858.0 | n.p. | 536.2 | 758.2 | 83.2 | 234.8 | 387.5 | 141.4 | 58.0 | 245.1 | 243.0 | n.p. | 6,545.8 | |
| April | 1,821.2 | 173.0 | 409.8 | 878.7 | n.p. | 530.6 | 760.3 | 85.7 | 237.7 | 391.8 | 142.4 | 57.9 | 247.6 | 246.2 | n.p. | 6,603.4 | |
| May | 1,834.6 | 173.3 | 414.9 | 897.0 | n.p. | 523.6 | 767.6 | 88.3 | 238.0 | 396.1 | 142.6 | 58.5 | 250.2 | 248.7 | n.p. | 6,659.4 | |
| June | 1,850.6 | 172.5 | 419.3 | 909.9 | n.p. | 518.3 | 777.5 | 90.4 | 236.3 | 401.5 | 142.0 | 59.4 | 253.1 | 250.5 | n.p. | 6,712.5 | |
| July | 1,868.1 | 171.2 | 423.7 | 918.5 | n.p. | 516.6 | 787.4 | 91.7 | 233.6 | 408.8 | 141.0 | 60.0 | 256.4 | 252.3 | n.p. | 6,762.3 | |
| August | 1,884.4 | 169.2 | 428.1 | 924.3 | n.p. | 514.9 | 796.1 | 92.2 | 230.2 | 416.9 | 140.2 | 60.0 | 259.8 | 253.8 | n.p. | 6,801.7 | |
| September | 1,897.4 | 167.1 | 432.5 | 927.9 | n.p. | 512.9 | 803.0 | 92.0 | 226.6 | 425.0 | 139.8 | 59.7 | 263.0 | 255.0 | n.p. | 6,828.9 | |
| October | 1,907.3 | 165.3 | 436.4 | 929.3 | n.p. | 509.5 | 810.0 | 91.4 | 222.8 | 431.3 | 138.9 | 58.8 | 265.9 | 255.8 | n.p. | 6,849.3 | |

See footnotes at end of table.

TABLE 3. TURNOVER OF RETAIL ESTABLISHMENTS.
MONTHLY ESTIMATES BY INDUSTRY, AT CURRENT PRICES, AUSTRALIA (a) (b)—continued

| Month | Grocers, | | | Hotels, | | Cafes and restaurants, | | Clothing and fabrics stores, | | Department & general stores, | | Footwear stores, | | Domestic hardware stores, jewellers, | | Electrical goods stores, | | Furniture stores, | | Floor coverings stores, | | Pharmacies, | | Newsagents, | | Other stores, | | Total | |
|--|-----------------------------|----------|-------------------|-------------------------------|-----------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------------|------------------------------|------------------|------------------------|------------|--------------------------------------|--------------|--------------------------|------|-------------------|------|-------------------------|------|-------------|------|-------------|------|---------------|------|-------|------|
| | confectionery, tobacconists | Butchers | Other food stores | liquor stores, licensed clubs | cafes and restaurants | clothing and fabrics stores | department & general stores | footwear stores | domestic hardware stores, jewellers | electrical goods stores | furniture stores | floor coverings stores | pharmacies | newsagents | other stores | | | | | | | | | | | | | | |
| TREND ESTIMATES (c) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| % change from preceding month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| August | 1.0 | 2.0 | -0.2 | -0.2 | n.p. | 0.6 | 1.3 | -0.2 | 0.2 | -0.1 | -1.0 | 1.8 | 2.0 | 0.3 | n.p. | 0.6 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | |
| September | 1.2 | 2.1 | -0.4 | -0.5 | n.p. | 0.6 | 1.2 | -0.1 | 0.2 | 0.7 | -0.8 | 1.6 | 1.4 | 1.0 | n.p. | 1.0 | 1.0 | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| October | 1.3 | 2.0 | -0.3 | -0.7 | n.p. | 0.4 | 1.0 | -0.4 | 0.6 | 1.1 | -0.6 | 0.6 | 1.0 | 1.7 | n.p. | 1.0 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| November | 1.3 | 1.8 | 0.1 | -0.6 | n.p. | 0.6 | 0.6 | -0.2 | 1.2 | 1.7 | 0.0 | -0.6 | 0.6 | 1.2 | n.p. | 1.0 | 1.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | |
| December | 1.2 | 1.7 | 0.4 | 0.0 | n.p. | 0.7 | -0.2 | -0.4 | 2.2 | 2.1 | 0.7 | -1.5 | 0.8 | 2.2 | n.p. | 2.1 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | |
| 1989 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 1.0 | 1.8 | 0.8 | 0.7 | n.p. | 0.4 | -0.7 | -0.6 | 2.7 | 2.1 | 1.2 | -2.0 | 0.8 | 2.4 | n.p. | 2.1 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | |
| February | 0.7 | 1.7 | 1.1 | 1.5 | n.p. | 0.0 | -0.8 | 0.2 | 2.7 | 1.8 | 1.3 | -1.8 | 1.0 | 2.1 | n.p. | 1.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| March | 0.6 | 1.5 | 1.5 | 2.2 | n.p. | -0.5 | -0.4 | 1.7 | 2.0 | 1.5 | 1.1 | -1.4 | 1.0 | 1.7 | n.p. | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| April | 0.6 | 1.0 | 1.5 | 2.4 | n.p. | -1.0 | 0.3 | 3.0 | 1.2 | 1.1 | 0.7 | -0.2 | 1.0 | 1.3 | n.p. | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| May | 0.7 | 0.2 | 1.2 | 2.1 | n.p. | -1.3 | 1.0 | 3.0 | 0.1 | 1.1 | 0.1 | 1.0 | 1.1 | 0.1 | n.p. | 1.1 | 1.0 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| June | 0.9 | -0.5 | 1.1 | 1.4 | n.p. | -1.0 | 1.3 | 2.4 | -0.7 | 1.4 | -0.4 | 1.5 | 1.2 | 0.7 | n.p. | 1.4 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | |
| July | 0.9 | -0.8 | 1.0 | 0.9 | n.p. | -0.3 | 1.3 | 1.4 | -1.1 | 1.8 | -0.7 | 1.0 | 1.3 | 0.7 | n.p. | 1.8 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | |
| August | 0.9 | -1.2 | 1.0 | 0.6 | n.p. | -0.3 | 1.1 | 0.5 | -1.5 | 2.0 | -0.6 | 0.0 | 1.3 | 0.6 | n.p. | 2.0 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | |
| September | 0.7 | -1.2 | 1.0 | 0.4 | n.p. | -0.4 | 0.9 | -0.2 | -1.6 | 1.9 | -0.3 | -0.5 | 1.2 | 0.5 | n.p. | 1.9 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | |
| October | 0.5 | -1.1 | 0.9 | 0.2 | n.p. | -0.7 | 0.9 | -0.7 | -1.7 | 1.5 | -0.6 | -1.5 | 1.1 | 0.3 | n.p. | 1.5 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | |
| TREND ESTIMATES (d) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| % change from corresponding month of previous year | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| August | 7.2 | 4.7 | 9.1 | 5.4 | n.p. | 5.8 | 6.2 | 7.4 | 12.2 | 7.4 | 4.6 | 16.0 | 14.3 | -2.6 | n.p. | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | |
| September | 7.9 | 8.4 | 7.7 | 3.8 | n.p. | 6.4 | 7.2 | 7.0 | 11.0 | 6.6 | 3.3 | 17.2 | 15.4 | -1.0 | n.p. | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | |
| October | 8.7 | 12.1 | 6.9 | 2.2 | n.p. | 6.9 | 8.1 | 5.6 | 11.2 | 6.2 | 2.9 | 17.3 | 16.1 | 1.8 | n.p. | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | |
| November | 9.5 | 15.3 | 6.7 | 0.9 | n.p. | 7.6 | 8.3 | 3.9 | 12.5 | 6.2 | 3.3 | 15.2 | 16.4 | 5.2 | n.p. | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | |
| December | 10.2 | 17.9 | 6.8 | 0.3 | n.p. | 8.2 | 7.4 | 1.5 | 15.0 | 6.7 | 4.3 | 11.9 | 16.9 | 9.0 | n.p. | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | |
| 1989 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 10.7 | 20.0 | 6.9 | 0.6 | n.p. | 8.3 | 5.9 | -1.2 | 17.6 | 7.5 | 4.8 | 7.9 | 17.4 | 11.9 | n.p. | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | |
| February | 11.0 | 21.8 | 6.8 | 1.7 | n.p. | 7.8 | 4.3 | -2.7 | 19.3 | 8.6 | 4.3 | 4.4 | 18.0 | 14.1 | n.p. | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | |
| March | 11.2 | 22.9 | 6.8 | 3.6 | n.p. | 6.7 | 3.4 | -1.9 | 19.4 | 9.8 | 3.2 | 2.1 | 17.9 | 15.4 | n.p. | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | |
| April | 11.5 | 23.0 | 6.9 | 5.7 | n.p. | 5.0 | 3.6 | 1.2 | 18.2 | 11.1 | 2.2 | 0.9 | 17.3 | 16.4 | n.p. | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | |
| May | 11.7 | 21.4 | 6.9 | 7.6 | n.p. | 2.8 | 4.4 | 5.0 | 16.0 | 12.7 | 1.7 | 0.7 | 16.3 | 17.5 | n.p. | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | |
| June | 12.0 | 18.7 | 7.2 | 8.7 | n.p. | 0.4 | 5.4 | 8.1 | 13.7 | 14.7 | 1.6 | 0.8 | 15.0 | 18.4 | n.p. | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | |
| July | 12.1 | 15.7 | 8.1 | 9.6 | n.p. | -0.9 | 5.9 | 10.2 | 11.8 | 17.5 | 1.7 | 0.2 | 14.0 | 19.3 | n.p. | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | |
| August | 12.0 | 12.1 | 9.4 | 10.5 | n.p. | -1.8 | 5.7 | 11.1 | 9.9 | 19.9 | 2.2 | -1.6 | 13.3 | 19.7 | n.p. | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | |
| September | 11.5 | 8.4 | 11.0 | 11.5 | n.p. | -2.7 | 5.3 | 11.0 | 8.0 | 21.5 | 2.7 | -3.7 | 13.0 | 19.0 | n.p. | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 |
| October | 10.7 | 5.1 | 12.3 | 12.4 | n.p. | -3.8 | 5.2 | 10.7 | 5.6 | 21.9 | 2.7 | -5.8 | 13.1 | 17.4 | n.p. | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 |

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes. (c) The standard error of the estimates for the latest month and of the latest month from the preceding month - see paragraphs 9 to 13 of Explanatory Notes. (d) Subject to revision - see from paragraph 21 of Explanatory Notes.

TABLE 4. TURNOVER OF RETAIL ESTABLISHMENTS,
QUARTERLY ESTIMATES BY INDUSTRY, AT CONSTANT (AVERAGE 1984-85) PRICES, AUSTRALIA (a) (b)

| Quarter | Grocers, confect- ioners, tobacc- onists | Butchers | Other food stores | Hotels, liquor stores, and licensed clubs | Cafes and rest- aurants | Clothing and fabrics stores | Depart- ment & general stores | Domestic hardware stores, jewellers | Elec- trical goods stores | Furn- iture stores | Floor cover- ings stores | Pharma- cies | News- agents | Other stores | Total |
|--|--|----------|-------------------------|--|----------------------------------|--------------------------------------|--|--|------------------------------------|--------------------------|-----------------------------------|-----------------|-----------------|-----------------|----------|
| | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | |
| September | 3,865.1 | 372.5 | 826.9 | 1,774.9 | 575.4 | 1,146.4 | 1,549.9 | 180.1 | 878.6 | 319.1 | 133.8 | 530.9 | 418.3 | 657.5 | 13,654.1 |
| December | 4,259.4 | 414.3 | 863.9 | 2,046.9 | 622.0 | 1,327.7 | 2,344.1 | 201.3 | 1,041.1 | 345.3 | 140.3 | 606.7 | 490.9 | 843.5 | 16,251.2 |
| 1989 | | | | | | | | | | | | | | | |
| March | 4,007.2 | 377.9 | 828.0 | 1,850.0 | 638.7 | 999.5 | 1,399.2 | 167.0 | 875.2 | 287.5 | 106.3 | 523.5 | 485.5 | 645.3 | 13,687.6 |
| June | 3,963.9 | 383.7 | 792.4 | 1,830.1 | 641.5 | 1,115.7 | 1,626.0 | 202.8 | 998.9 | 307.9 | 119.5 | 552.9 | 477.9 | 661.0 | 14,148.6 |
| September | 4,043.3 | 377.0 | 801.9 | 1,861.5 | 680.0 | 1,041.9 | 1,577.7 | 191.7 | 1,034.5 | 306.6 | 126.2 | 583.2 | 495.6 | 702.3 | 14,279.5 |
| SEASONALLY ADJUSTED ESTIMATES \$ million | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | |
| September | 3,931.5 | 372.5 | 834.0 | 1,870.8 | n.p. | 1,179.4 | 1,711.6 | 187.2 | 896.3 | 312.6 | 131.3 | 532.7 | 431.8 | n.p. | 14,089.9 |
| December | 4,011.3 | 380.6 | 826.6 | 1,833.9 | n.p. | 1,120.0 | 1,768.5 | 185.8 | 912.0 | 313.1 | 130.4 | 549.0 | 453.6 | n.p. | 14,300.9 |
| 1989 | | | | | | | | | | | | | | | |
| March | 4,101.6 | 398.0 | 832.2 | 1,863.2 | n.p. | 1,190.0 | 1,701.8 | 184.6 | 967.4 | 306.4 | 117.0 | 559.0 | 488.7 | n.p. | 14,633.5 |
| June | 4,047.6 | 396.3 | 818.3 | 1,947.2 | n.p. | 1,120.9 | 1,695.3 | 192.3 | 1,016.4 | 326.8 | 121.4 | 571.7 | 500.7 | n.p. | 14,652.1 |
| September | 4,112.4 | 378.2 | 812.5 | 1,962.7 | n.p. | 1,073.4 | 1,736.5 | 200.6 | 1,061.2 | 305.4 | 125.6 | 585.9 | 516.2 | n.p. | 14,787.7 |
| % change from preceding quarter | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | |
| September | -0.4 | 5.2 | -3.3 | -1.0 | n.p. | 3.8 | -0.6 | -4.6 | -1.2 | -5.1 | 7.4 | 5.3 | -2.4 | n.p. | -0.4 |
| December | 2.0 | 2.2 | -0.9 | -2.0 | n.p. | -5.0 | 3.3 | -0.7 | 1.8 | 0.2 | -0.7 | 3.1 | 5.0 | n.p. | 1.5 |
| 1989 | | | | | | | | | | | | | | | |
| March | 2.3 | 4.6 | 0.7 | 1.6 | n.p. | 6.2 | -3.8 | -0.6 | 6.1 | -2.2 | -10.3 | 1.8 | 7.7 | n.p. | 2.3 |
| June | -1.3 | -0.4 | -1.7 | 4.5 | n.p. | -5.8 | -0.4 | 4.2 | 5.1 | 6.7 | 3.7 | 2.3 | 2.5 | n.p. | 0.1 |
| September | 1.6 | -4.6 | -0.7 | 0.8 | n.p. | -4.2 | 2.4 | 4.3 | 4.4 | -6.5 | 3.4 | 2.5 | 3.1 | n.p. | 0.9 |
| % change from corresponding quarter of previous year | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | |
| September | -1.0 | -2.7 | -4.7 | -2.2 | n.p. | -1.0 | -1.1 | -3.1 | 6.1 | -4.9 | 4.2 | 7.4 | -12.8 | n.p. | -0.6 |
| December | -0.1 | 4.7 | -5.4 | -4.2 | n.p. | -2.0 | 3.2 | -2.2 | 2.2 | 0.8 | 7.3 | 11.0 | -3.4 | n.p. | 0.9 |
| 1989 | | | | | | | | | | | | | | | |
| March | 2.8 | 9.5 | -2.9 | -2.4 | n.p. | 2.0 | -1.5 | -9.2 | 4.9 | -5.6 | -9.5 | 11.8 | 5.9 | n.p. | 3.1 |
| June | 2.6 | 11.9 | -5.1 | 3.1 | n.p. | -1.4 | -1.6 | -1.9 | 12.0 | -0.8 | -0.7 | 13.0 | 13.2 | n.p. | 3.6 |
| September | 4.6 | 1.5 | -2.6 | 4.9 | n.p. | -9.0 | 1.5 | 7.2 | 18.4 | -2.3 | -4.4 | 10.0 | 19.5 | n.p. | 5.0 |

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes.

TABLE 5. TURNOVER OF RETAIL ESTABLISHMENTS,
MONTHLY ESTIMATES, AT CURRENT PRICES, AUSTRALIA, STATES AND TERRITORIES (a) (b)

| Month | New South Wales | Victoria | Queensland | ORIGINAL | | | | | Australian Capital Territory | Australia |
|-----------------------------|-----------------|----------|------------|-----------------|-------------------|----------|--------------------|-------|------------------------------|-----------|
| | | | | South Australia | Western Australia | Tasmania | Northern Territory | | | |
| 1988 | | | | | | | | | | |
| August | 1,991.2 | 1,565.9 | 1,026.4 | 475.9 | 503.9 | 145.5 | 60.6 | 108.4 | 5,877.9 | |
| September | 2,105.9 | 1,603.2 | 1,055.6 | 492.0 | 522.9 | 148.2 | 63.7 | 109.5 | 6,101.0 | |
| October | 2,145.8 | 1,636.2 | 1,052.5 | 495.1 | 537.3 | 148.1 | 62.7 | 109.1 | 6,186.8 | |
| November | 2,305.6 | 1,732.4 | 1,030.7 | 526.9 | 570.9 | 162.2 | 59.8 | 115.2 | 6,503.8 | |
| December | 3,096.2 | 2,330.3 | 1,429.1 | 715.3 | 764.5 | 221.2 | 72.2 | 157.7 | 8,786.5 | |
| 1989 | | | | | | | | | | |
| January | 2,153.2 | 1,582.4 | 1,039.5 | 495.2 | 551.5 | 152.4 | 55.5 | 103.4 | 6,133.1 | |
| February | 1,979.0 | 1,495.8 | 939.8 | 452.8 | 513.3 | 147.3 | 53.4 | 98.7 | 5,680.1 | |
| March | 2,268.8 | 1,687.8 | 1,066.0 | 519.8 | 583.0 | 164.0 | 59.9 | 111.5 | 6,460.9 | |
| April | 2,215.1 | 1,606.4 | 1,024.3 | 501.3 | 549.0 | 152.6 | 58.0 | 108.2 | 6,215.0 | |
| May | 2,307.4 | 1,680.3 | 1,084.4 | 517.1 | 575.3 | 160.7 | 64.4 | 112.5 | 6,502.0 | |
| June | 2,331.0 | 1,657.5 | 1,129.2 | 509.7 | 578.5 | 161.6 | 67.6 | 112.0 | 6,547.2 | |
| July | 2,298.6 | 1,624.5 | 1,106.2 | 508.1 | 562.5 | 154.8 | 69.7 | 116.1 | 6,440.6 | |
| August | 2,323.2 | 1,659.7 | 1,122.3 | 521.7 | 580.0 | 163.4 | 72.8 | 116.1 | 6,559.2 | |
| September | 2,404.8 | 1,689.1 | 1,167.3 | 518.2 | 604.0 | 163.4 | 67.8 | 114.7 | 6,729.2 | |
| October | 2,398.8 | 1,704.7 | 1,150.8 | 519.5 | 598.3 | 163.0 | 66.4 | 118.3 | 6,719.9 | |
| Standard error (c) of Level | 41.1 | 29.6 | 23.1 | 11.4 | 10.5 | 3.4 | 2.2 | 3.8 | 58.1 | |
| Change | 13.2 | 10.8 | 7.4 | 4.2 | 3.7 | 1.1 | 0.9 | 1.0 | 19.5 | |
| TREND ESTIMATES (d) | | | | | | | | | | |
| \$ million | | | | | | | | | | |
| 1988 | | | | | | | | | | |
| August | 2,112.0 | 1,640.1 | 1,046.2 | 494.9 | 531.3 | 151.7 | n.p. | 110.2 | 6,156.2 | |
| September | 2,136.0 | 1,649.8 | 1,049.4 | 501.0 | 536.9 | 153.0 | n.p. | 111.1 | 6,198.4 | |
| October | 2,164.3 | 1,659.1 | 1,049.5 | 507.5 | 545.8 | 154.6 | n.p. | 112.3 | 6,247.9 | |
| November | 2,196.8 | 1,668.0 | 1,050.7 | 513.8 | 556.4 | 156.8 | n.p. | 113.7 | 6,309.2 | |
| December | 2,229.4 | 1,676.6 | 1,055.6 | 519.7 | 566.0 | 159.1 | n.p. | 114.8 | 6,375.2 | |
| 1989 | | | | | | | | | | |
| January | 2,260.0 | 1,682.5 | 1,065.1 | 523.5 | 572.7 | 161.2 | n.p. | 115.0 | 6,436.1 | |
| February | 2,289.7 | 1,686.8 | 1,078.8 | 524.8 | 576.5 | 162.7 | n.p. | 114.5 | 6,491.5 | |
| March | 2,318.2 | 1,691.7 | 1,094.0 | 524.6 | 578.7 | 163.9 | n.p. | 113.7 | 6,545.8 | |
| April | 2,346.2 | 1,698.6 | 1,108.7 | 524.1 | 581.2 | 165.9 | n.p. | 113.1 | 6,603.4 | |
| May | 2,370.6 | 1,707.1 | 1,121.3 | 524.3 | 585.3 | 164.3 | n.p. | 113.2 | 6,659.4 | |
| June | 2,392.5 | 1,715.5 | 1,132.2 | 525.6 | 591.2 | 165.1 | n.p. | 114.2 | 6,712.5 | |
| July | 2,413.1 | 1,722.8 | 1,142.8 | 527.7 | 598.1 | 166.3 | n.p. | 115.6 | 6,762.3 | |
| August | 2,431.1 | 1,727.7 | 1,152.0 | 529.6 | 604.5 | 167.6 | n.p. | 117.1 | 6,801.7 | |
| September | 2,445.7 | 1,730.3 | 1,160.1 | 531.0 | 609.8 | 168.7 | n.p. | 118.3 | 6,828.9 | |
| October | 2,455.6 | 1,731.3 | 1,166.0 | 532.3 | 614.2 | 169.6 | n.p. | 119.3 | 6,849.3 | |

See footnotes at end of table.

TABLE 5. TURNOVER OF RETAIL ESTABLISHMENTS,
MONTHLY ESTIMATES, AT CURRENT PRICES, AUSTRALIA, STATES AND TERRITORIES (a) (b)—continued

| Month | New South Wales | Victoria | Queensland | TREND ESTIMATES (d) | | | | | Northern Territory | Australian Capital Territory | Australia |
|-----------|-----------------------|----------|------------|---------------------|----------------------|----------|-------------------------------|------|-----------------------|------------------------------------|-----------|
| | | | | South Australia | Western Australia | Tasmania | % change from preceding month | | | | |
| 1988 | | | | | | | | | | | |
| August | 0.8 | 0.6 | 0.8 | 1.0 | 0.4 | 0.7 | n.p. | 0.1 | 0.6 | | |
| September | 1.1 | 0.6 | 0.3 | 1.2 | 1.1 | 0.9 | n.p. | 0.8 | 0.7 | | |
| October | 1.3 | 0.6 | 0.0 | 1.3 | 1.7 | 1.0 | n.p. | 1.1 | 0.8 | | |
| November | 1.5 | 0.5 | 0.1 | 1.2 | 1.9 | 1.4 | n.p. | 1.2 | 1.0 | | |
| December | 1.5 | 0.5 | 0.5 | 1.1 | 1.7 | 1.5 | n.p. | 1.0 | 1.0 | | |
| 1989 | | | | | | | | | | | |
| January | 1.4 | 0.4 | 0.9 | 0.7 | 1.2 | 1.3 | n.p. | 0.2 | 1.0 | | |
| February | 1.3 | 0.3 | 1.3 | 0.2 | 0.7 | 0.9 | n.p. | -0.4 | 0.9 | | |
| March | 1.2 | 0.3 | 1.4 | 0.0 | 0.4 | 0.5 | n.p. | -0.7 | 0.8 | | |
| April | 1.2 | 0.4 | 1.3 | -0.1 | 0.4 | 0.2 | n.p. | -0.5 | 0.9 | | |
| May | 1.0 | 0.5 | 1.1 | 0.0 | 0.7 | 0.2 | n.p. | 0.1 | 0.8 | | |
| June | 0.9 | 0.5 | 1.0 | 0.2 | 1.0 | 0.5 | n.p. | 0.9 | 0.8 | | |
| July | 0.9 | 0.4 | 0.9 | 0.4 | 1.2 | 0.7 | n.p. | 1.2 | 0.7 | | |
| August | 0.7 | 0.3 | 0.8 | 0.4 | 1.1 | 0.8 | n.p. | 1.3 | 0.6 | | |
| September | 0.6 | 0.2 | 0.7 | 0.3 | 0.9 | 0.7 | n.p. | 1.0 | 0.4 | | |
| October | 0.4 | 0.1 | 0.5 | 0.2 | 0.7 | 0.5 | n.p. | 0.8 | 0.3 | | |
| 1988 | | | | | | | | | | | |
| August | 6.6 | 4.8 | 18.3 | 3.2 | 2.1 | 7.1 | n.p. | 1.4 | 7.3 | | |
| September | 7.3 | 5.1 | 17.0 | 4.3 | 2.4 | 7.4 | n.p. | 1.1 | 7.4 | | |
| October | 8.2 | 5.6 | 15.5 | 5.6 | 3.7 | 7.7 | n.p. | 1.1 | 7.7 | | |
| November | 9.0 | 6.2 | 14.3 | 6.9 | 5.7 | 8.1 | n.p. | 1.5 | 8.3 | | |
| December | 9.5 | 6.8 | 13.8 | 8.2 | 7.8 | 8.7 | n.p. | 2.0 | 8.9 | | |
| 1989 | | | | | | | | | | | |
| January | 9.9 | 7.1 | 13.8 | 9.1 | 9.5 | 9.4 | n.p. | 2.0 | 9.4 | | |
| February | 10.4 | 6.9 | 13.9 | 9.3 | 10.4 | 9.9 | n.p. | 1.7 | 9.7 | | |
| March | 11.1 | 6.6 | 13.7 | 9.1 | 10.7 | 10.1 | n.p. | 1.3 | 9.9 | | |
| April | 12.2 | 6.3 | 13.0 | 8.8 | 10.8 | 10.1 | n.p. | 1.3 | 10.1 | | |
| May | 13.5 | 6.1 | 11.9 | 8.4 | 11.2 | 10.2 | n.p. | 2.1 | 10.3 | | |
| June | 14.5 | 5.9 | 10.7 | 8.1 | 12.0 | 10.2 | n.p. | 3.4 | 10.4 | | |
| July | 15.1 | 5.6 | 10.1 | 7.7 | 13.1 | 10.4 | n.p. | 5.0 | 10.5 | | |
| August | 15.1 | 5.3 | 10.1 | 7.0 | 13.8 | 10.5 | n.p. | 6.3 | 10.5 | | |
| September | 14.5 | 4.9 | 10.5 | 6.0 | 13.6 | 10.3 | n.p. | 6.5 | 10.2 | | |
| October | 13.5 | 4.4 | 11.1 | 4.9 | 12.5 | 9.7 | n.p. | 6.2 | 9.6 | | |

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes. (c) The standard error of the estimates for the latest month and of the latest month from the preceding month - see paragraphs 9 to 13 of Explanatory Notes. (d) Subject to revision - see from paragraph 21 of Explanatory Notes.

TABLE 6. TURNOVER OF RETAIL ESTABLISHMENTS,
 QUARTERLY ESTIMATES, AT CONSTANT (AVERAGE 1984-85) PRICES, AUSTRALIA, STATES AND TERRITORIES (a) (b)

| Quarter | New South Wales | Victoria | Queensland | South Australia | Western Australia | Tasmania | Northern Territory | Australian Capital Territory | Australia |
|--|-----------------|----------|------------|-----------------|-------------------|----------|--------------------|------------------------------|-----------|
| ORIGINAL \$ million | | | | | | | | | |
| 1988 | | | | | | | | | |
| September | 4,717.7 | 3,562.2 | 2,381.6 | 1,107.3 | 1,157.1 | 331.7 | 141.2 | 255.4 | 13,654.1 |
| December | 5,767.2 | 4,269.6 | 2,654.3 | 1,316.2 | 1,402.0 | 399.3 | 146.7 | 296.0 | 16,251.2 |
| 1989 | | | | | | | | | |
| March | 4,846.7 | 3,546.1 | 2,267.9 | 1,100.8 | 1,215.8 | 344.0 | 126.0 | 240.2 | 13,687.6 |
| June | 5,090.3 | 3,597.7 | 2,355.9 | 1,124.5 | 1,242.3 | 347.9 | 139.6 | 250.5 | 14,148.6 |
| September | 5,134.2 | 3,557.8 | 2,444.5 | 1,125.9 | 1,260.3 | 348.2 | 152.6 | 258.1 | 14,279.5 |
| SEASONALLY ADJUSTED ESTIMATES \$ million | | | | | | | | | |
| 1988 | | | | | | | | | |
| September | 4,889.4 | 3,712.5 | 2,404.5 | 1,140.9 | 1,196.9 | 347.5 | n.p. | 257.4 | 14,089.9 |
| December | 5,026.8 | 3,757.3 | 2,375.6 | 1,169.3 | 1,254.1 | 350.2 | n.p. | 264.7 | 14,300.9 |
| 1989 | | | | | | | | | |
| March | 5,202.0 | 3,755.2 | 2,413.8 | 1,178.1 | 1,278.6 | 364.9 | n.p. | 263.1 | 14,633.5 |
| June | 5,303.6 | 3,720.7 | 2,458.3 | 1,152.5 | 1,277.5 | 360.0 | n.p. | 254.6 | 14,652.1 |
| September | 5,322.6 | 3,732.4 | 2,483.0 | 1,162.1 | 1,312.8 | 365.2 | n.p. | 262.6 | 14,787.7 |
| % change from preceding quarter | | | | | | | | | |
| 1988 | | | | | | | | | |
| September | -0.7 | -0.7 | 3.2 | 1.2 | -3.2 | 0.5 | n.p. | -2.8 | -0.4 |
| December | 2.8 | 1.2 | -1.2 | 2.5 | 4.8 | 0.8 | n.p. | 2.8 | 1.5 |
| 1989 | | | | | | | | | |
| March | 3.5 | -0.1 | 1.6 | 0.8 | 1.9 | 4.2 | n.p. | -0.6 | 2.3 |
| June | 2.0 | -0.9 | 1.8 | -2.2 | -0.1 | -1.3 | n.p. | -3.2 | -0.1 |
| September | 0.4 | 0.3 | 1.0 | 0.8 | 2.8 | 1.4 | n.p. | 3.2 | 0.9 |
| % change from corresponding quarter of previous year | | | | | | | | | |
| 1988 | | | | | | | | | |
| September | -0.4 | -3.9 | 10.0 | -4.3 | -6.0 | 0.4 | n.p. | -6.1 | -0.6 |
| December | 2.5 | -1.2 | 6.2 | 0.3 | -2.6 | 0.6 | n.p. | -4.5 | 0.9 |
| 1989 | | | | | | | | | |
| March | 3.3 | 0.6 | 6.2 | 1.3 | 4.9 | 3.5 | n.p. | -4.1 | 3.1 |
| June | 7.7 | -0.5 | 5.5 | 2.2 | 3.3 | 4.1 | n.p. | -3.9 | 3.6 |
| September | 8.9 | 0.5 | 3.3 | 1.9 | 9.7 | 5.1 | n.p. | 2.0 | 5.0 |

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes.

TABLE 7. TURNOVER OF RETAIL ESTABLISHMENTS,
MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a) (b)

| Month | Grocers, confectioners, tobacconists | | Hotels, liquor stores, licensed clubs | | Cafes and restaurants | Clothing and fabrics stores | Department & general stores | Footwear stores | Domestic hardware stores, jewellers | Electrical goods stores | Furniture stores | Floor coverings stores | Pharmacies | Newsagents | Other stores | Total |
|-------------------------------|--------------------------------------|-------------------|---------------------------------------|-----------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------------|-------------------------------------|-------------------------|------------------------|------------------------|------------|--------------|--------------|-------|
| | Butchers | Other food stores | Other licensed clubs | Cafes and restaurants | Clothing and fabrics stores | Department & general stores | Footwear stores | Domestic hardware stores, jewellers | Electrical goods stores | Furniture stores | Floor coverings stores | Pharmacies | Newsagents | Other stores | Total | |
| NEW SOUTH WALES | | | | | | | | | | | | | | | | |
| ORIGINAL \$ million | | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | | |
| August | 489.4 | 56.1 | 323.3 | 94.2 | 143.8 | 235.0 | 18.7 | 61.1 | 111.5 | 37.9 | 22.9 | 94.8 | 81.2 | 85.7 | 1,991.2 | |
| September | 503.8 | 63.2 | 345.2 | 95.1 | 166.5 | 262.8 | 26.1 | 64.5 | 105.9 | 42.5 | 22.2 | 97.2 | 81.1 | 95.8 | 2,105.9 | |
| October | 503.2 | 65.1 | 361.6 | 98.8 | 165.3 | 264.8 | 27.7 | 75.3 | 98.8 | 43.6 | 20.1 | 96.3 | 86.0 | 101.2 | 2,145.8 | |
| November | 529.4 | 61.6 | 361.9 | 114.9 | 174.8 | 314.3 | 23.5 | 98.8 | 118.4 | 46.6 | 20.6 | 94.7 | 96.4 | 112.6 | 2,305.6 | |
| December | 620.1 | 83.8 | 436.7 | 130.8 | 252.5 | 574.1 | 29.9 | 184.9 | 166.8 | 53.3 | 21.5 | 121.2 | 107.7 | 163.1 | 3,096.2 | |
| 1989 | | | | | | | | | | | | | | | | |
| January | 501.7 | 69.1 | 362.9 | 129.5 | 159.4 | 229.1 | 25.1 | 90.0 | 107.8 | 40.0 | 12.9 | 96.5 | 86.7 | 95.0 | 2,153.2 | |
| February | 497.4 | 62.3 | 328.1 | 107.4 | 129.1 | 191.2 | 19.4 | 82.5 | 99.6 | 37.5 | 14.8 | 90.5 | 100.6 | 88.3 | 1,979.0 | |
| March | 568.6 | 69.6 | 381.1 | 112.1 | 155.8 | 262.3 | 24.3 | 83.6 | 111.7 | 42.7 | 14.4 | 97.1 | 98.8 | 107.6 | 2,268.8 | |
| April | 540.4 | 64.9 | 387.8 | 107.9 | 171.4 | 250.2 | 27.3 | 83.9 | 108.5 | 42.8 | 16.1 | 90.7 | 93.7 | 96.1 | 2,215.1 | |
| May | 533.4 | 68.1 | 357.7 | 110.9 | 179.5 | 272.8 | 28.8 | 89.8 | 126.8 | 49.3 | 18.1 | 99.1 | 100.1 | 110.3 | 2,307.4 | |
| June | 541.1 | 69.6 | 384.9 | 120.9 | 176.1 | 270.4 | 37.3 | 69.0 | 134.0 | 52.8 | 17.4 | 96.4 | 96.1 | 115.7 | 2,331.0 | |
| July | 543.3 | 67.8 | 389.8 | 118.0 | 170.5 | 263.5 | 33.3 | 66.1 | 127.5 | 50.2 | 18.7 | 97.0 | 98.9 | 105.5 | 2,298.6 | |
| August | 563.1 | 68.2 | 394.8 | 118.5 | 151.5 | 253.3 | 30.4 | 70.7 | 129.0 | 51.3 | 19.0 | 104.9 | 100.4 | 116.4 | 2,323.2 | |
| September | 568.4 | 67.9 | 412.5 | 120.8 | 169.1 | 268.9 | 33.4 | 71.6 | 130.6 | 56.4 | 19.8 | 109.1 | 99.6 | 124.2 | 2,404.8 | |
| October | 548.0 | 67.1 | 413.3 | 125.2 | 167.0 | 264.8 | 33.8 | 76.3 | 132.2 | 59.9 | 18.6 | 109.6 | 99.2 | 124.3 | 2,398.8 | |
| Level | 10.0 | 7.0 | 21.0 | 12.1 | 10.3 | 0.0 | 5.6 | 16.3 | 11.5 | 7.5 | 2.0 | 7.7 | 7.2 | 11.4 | 41.1 | |
| Change | 4.3 | 1.6 | 4.6 | 6.5 | 5.3 | 0.0 | 2.0 | 2.6 | 3.5 | 2.4 | 1.2 | 1.6 | 3.4 | 3.5 | 13.2 | |
| TREND ESTIMATES (d) | | | | | | | | | | | | | | | | |
| \$ million | | | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | | |
| May | 553.4 | 69.6 | 406.8 | n.p. | 174.1 | 281.0 | 30.4 | 96.0 | 125.7 | 48.6 | 17.3 | 99.1 | 101.8 | n.p. | 2,370.6 | |
| June | 556.2 | 68.9 | 415.6 | n.p. | 172.9 | 282.9 | 32.2 | 93.4 | 128.2 | 50.4 | 17.4 | 99.6 | 102.6 | n.p. | 2,392.5 | |
| July | 558.4 | 68.2 | 419.8 | n.p. | 172.3 | 284.3 | 33.5 | 90.0 | 131.0 | 52.1 | 17.6 | 100.8 | 102.8 | n.p. | 2,413.1 | |
| August | 561.1 | 67.6 | 421.0 | n.p. | 171.2 | 285.3 | 34.1 | 86.5 | 133.9 | 53.7 | 17.7 | 102.6 | 102.9 | n.p. | 2,431.1 | |
| September | 563.5 | 67.0 | 420.4 | n.p. | 169.8 | 285.8 | 34.2 | 83.0 | 136.8 | 55.2 | 17.8 | 104.6 | 102.7 | n.p. | 2,445.7 | |
| October | 566.1 | 66.5 | 418.3 | n.p. | 168.0 | 287.2 | 34.0 | 79.7 | 139.4 | 56.3 | 17.8 | 106.8 | 102.4 | n.p. | 2,455.6 | |
| % change from preceding month | | | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | | |
| May | 0.7 | -1.0 | 3.6 | n.p. | -0.7 | 0.6 | 7.8 | -1.4 | 2.0 | 3.8 | 0.6 | -0.2 | 1.6 | n.p. | 1.0 | |
| June | 0.5 | -1.0 | 2.2 | n.p. | -0.7 | 0.7 | 5.9 | -2.7 | 2.0 | 3.7 | 0.6 | 0.5 | 0.8 | n.p. | 0.9 | |
| July | 0.4 | -1.0 | 1.0 | n.p. | -0.3 | 0.5 | 4.0 | -3.6 | 2.2 | 3.4 | 1.1 | 1.2 | 0.2 | n.p. | 0.9 | |
| August | 0.5 | -0.9 | 0.3 | n.p. | -0.6 | 0.4 | 1.8 | -3.9 | 2.2 | 3.1 | 0.6 | 1.8 | 0.1 | n.p. | 0.7 | |
| September | 0.4 | -0.9 | 1.4 | n.p. | -0.8 | 0.2 | 0.3 | -0.6 | 2.2 | 2.8 | 0.6 | 1.9 | -0.2 | n.p. | 0.6 | |
| October | 0.5 | -0.7 | 1.1 | n.p. | -1.1 | 0.5 | -0.6 | -4.0 | 1.9 | 2.0 | 0.0 | 2.1 | -0.3 | n.p. | 0.4 | |

See footnotes at end of table.

TABLE 7. TURNOVER OF RETAIL ESTABLISHMENTS,
MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a) (b)—continued

| Month | VICTORIA | | | | | | | | | | | Total | | | |
|-----------------------|--|----------|-------------------------|---|----------------------------------|--------------------------------------|--|--------------------|--|------------------------------------|--------------------------|-------|-----------------------------------|-----------------|-----------------|
| | Grocers, confect- ioners, tobacc- onists | Butchers | Other food stores | Hotels, liquor stores, licensed clubs | Cafes and rest- aurants | Clothing and fabrics stores | Depart- ment & general stores | Footwear stores | Domestic hardware stores, jewellers | Elec- trical goods stores | Furni- ture stores | | Floor cover- ings stores | Pharma- cies | News- agents |
| | ORIGINAL \$ million | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | |
| August | 469.0 | 40.9 | 94.4 | 165.8 | 64.6 | 178.4 | 148.2 | 18.9 | 66.8 | 78.4 | 42.8 | 15.8 | 58.7 | 48.9 | 74.4 |
| September | 486.8 | 39.2 | 103.8 | 182.8 | 63.9 | 168.8 | 162.9 | 21.5 | 63.3 | 81.6 | 36.3 | 16.3 | 53.1 | 44.8 | 78.2 |
| October | 487.7 | 38.3 | 104.0 | 179.3 | 65.2 | 173.5 | 165.3 | 22.9 | 74.4 | 82.0 | 36.8 | 18.0 | 57.1 | 45.8 | 85.9 |
| November | 506.6 | 37.0 | 109.6 | 174.4 | 67.5 | 174.8 | 202.0 | 22.1 | 76.3 | 90.1 | 37.7 | 19.9 | 58.3 | 51.7 | 104.5 |
| December | 597.1 | 42.7 | 115.1 | 228.9 | 74.9 | 234.7 | 383.0 | 29.6 | 140.9 | 135.3 | 41.6 | 20.8 | 82.6 | 65.4 | 137.6 |
| 1989 | | | | | | | | | | | | | | | |
| January | 497.3 | 34.5 | 101.8 | 185.6 | 68.3 | 146.4 | 140.2 | 21.6 | 68.3 | 85.1 | 34.6 | 12.4 | 56.1 | 54.6 | 75.7 |
| February | 478.7 | 32.2 | 101.8 | 165.7 | 68.3 | 135.5 | 128.8 | 18.1 | 61.0 | 78.3 | 34.2 | 14.1 | 51.0 | 49.2 | 78.8 |
| March | 552.8 | 40.0 | 104.3 | 173.6 | 81.1 | 137.9 | 164.4 | 20.7 | 67.8 | 92.6 | 38.8 | 15.3 | 58.6 | 55.3 | 84.5 |
| April | 497.0 | 39.2 | 104.8 | 158.0 | 78.4 | 147.4 | 159.0 | 24.7 | 64.5 | 95.7 | 37.3 | 17.8 | 55.3 | 51.0 | 76.3 |
| May | 509.4 | 43.7 | 103.0 | 154.0 | 82.5 | 155.7 | 174.6 | 25.1 | 71.9 | 108.3 | 37.5 | 18.2 | 60.7 | 55.6 | 80.0 |
| June | 511.7 | 45.6 | 101.5 | 154.4 | 81.7 | 146.2 | 189.8 | 24.6 | 60.0 | 97.7 | 39.5 | 15.9 | 56.9 | 56.8 | 75.2 |
| July | 509.1 | 38.1 | 100.0 | 153.1 | 87.9 | 136.8 | 157.3 | 22.0 | 68.7 | 101.9 | 35.2 | 18.4 | 58.6 | 55.6 | 81.6 |
| August | 541.3 | 38.7 | 95.8 | 155.6 | 85.1 | 131.0 | 163.2 | 18.5 | 61.8 | 108.2 | 38.6 | 17.4 | 62.2 | 61.8 | 80.4 |
| September | 524.9 | 35.9 | 103.4 | 173.6 | 90.8 | 132.0 | 169.5 | 19.3 | 68.4 | 110.9 | 36.8 | 16.1 | 63.1 | 60.5 | 83.9 |
| October | 517.5 | 35.0 | 120.0 | 173.0 | 88.9 | 135.9 | 172.5 | 20.3 | 72.5 | 110.5 | 37.8 | 14.5 | 61.1 | 60.8 | 84.3 |
| Standard error (c) of | | | | | | | | | | | | | | | |
| Level | 14.0 | 5.7 | 10.6 | 9.6 | 10.8 | 8.5 | 0.0 | 1.5 | 4.8 | 6.7 | 3.0 | 1.5 | 3.6 | 9.4 | 8.6 |
| Change | 1.7 | 2.4 | 4.3 | 3.5 | 5.1 | 2.9 | 0.0 | 0.5 | 1.9 | 0.7 | 1.0 | 1.6 | 1.0 | 1.8 | 5.6 |
| | TREND ESTIMATES (d) | | | | | | | | | | | | | | |
| | \$ million | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | |
| May | 524.4 | 41.5 | 104.7 | 168.3 | n.p. | 147.7 | 178.2 | 22.8 | 75.0 | 100.6 | 40.2 | 17.4 | 60.2 | 57.5 | n.p. |
| June | 529.2 | 41.2 | 104.1 | 168.8 | n.p. | 143.6 | 180.3 | 22.5 | 75.8 | 102.5 | 39.1 | 17.8 | 61.1 | 59.4 | n.p. |
| July | 533.0 | 40.1 | 103.7 | 170.2 | n.p. | 141.1 | 181.9 | 22.0 | 76.1 | 105.2 | 37.8 | 17.6 | 62.1 | 61.2 | n.p. |
| August | 535.1 | 38.6 | 104.1 | 171.9 | n.p. | 139.2 | 183.3 | 21.5 | 75.8 | 108.6 | 36.7 | 17.1 | 63.0 | 62.9 | n.p. |
| September | 535.3 | 37.1 | 105.2 | 173.7 | n.p. | 137.7 | 184.5 | 20.9 | 75.2 | 112.2 | 35.8 | 16.3 | 63.7 | 64.2 | n.p. |
| October | 534.8 | 35.8 | 106.5 | 175.6 | n.p. | 136.0 | 186.0 | 20.5 | 74.5 | 115.3 | 35.0 | 15.3 | 64.2 | 65.2 | n.p. |
| | % change from preceding month | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | |
| May | 0.9 | 1.7 | -0.5 | -0.1 | n.p. | -3.3 | 0.8 | 0.0 | 1.6 | 1.3 | -1.0 | 3.0 | 1.2 | 3.4 | n.p. |
| June | 0.9 | -0.7 | -0.6 | 0.3 | n.p. | -2.8 | 1.2 | -1.3 | 1.1 | 1.9 | -2.7 | 2.3 | 1.5 | 3.3 | n.p. |
| July | 0.7 | -2.7 | -0.4 | 0.8 | n.p. | -1.7 | 0.9 | -2.2 | 0.4 | 2.6 | -3.3 | -1.1 | 1.6 | 3.0 | n.p. |
| August | 0.4 | -3.7 | 0.4 | 1.0 | n.p. | -1.3 | 0.8 | -2.3 | -0.4 | 3.2 | -2.9 | -4.7 | 1.4 | 2.8 | n.p. |
| September | 0.0 | -3.9 | 1.1 | 1.0 | n.p. | -1.1 | 0.7 | -2.8 | -0.8 | 3.3 | -2.5 | -4.7 | 1.1 | 2.1 | n.p. |
| October | -0.1 | -3.5 | 1.2 | 1.1 | n.p. | -1.2 | 0.8 | -1.9 | -0.9 | 2.8 | -2.2 | -6.1 | 0.8 | 1.6 | n.p. |

See footnotes at end of table.

TABLE 7. TURNOVER OF RETAIL ESTABLISHMENTS,
MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a) (b)—continued

| Month | QUEENSLAND | | | | | | | | | | Total | | | | |
|-------------------------------|--|---------------------------------------|-------------------------|----------|----------------------------------|--------------------------------------|--|--------------------|--|------------------------------------|-------|--------------------------|-----------------------------------|-----------------|-----------------|
| | Grocers, confect- ioners, tobac- conists | Hotels, liquor stores, clubs | Other food stores | Butchers | Cafes and rest- aurants | Clothing and fabrics stores | Depart- ment & general stores | Footwear stores | Domestic hardware stores, jewellers | Elec- trical goods stores | | Furni- ture stores | Floor cover- ings stores | Pharma- cies | News- agents |
| ORIGINAL \$ million | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | |
| August | 276.6 | 134.9 | 66.4 | 33.1 | 45.4 | 95.9 | 100.3 | 16.2 | 25.9 | 65.9 | 23.9 | 10.6 | 31.7 | 42.0 | 57.6 |
| September | 278.4 | 132.1 | 78.2 | 32.1 | 38.1 | 109.3 | 113.9 | 18.2 | 26.6 | 63.9 | 23.3 | 10.5 | 32.9 | 38.0 | 60.1 |
| October | 279.6 | 137.4 | 76.9 | 31.1 | 37.8 | 105.6 | 113.2 | 17.4 | 28.0 | 63.4 | 22.0 | 11.8 | 31.3 | 37.7 | 59.1 |
| November | 282.8 | 132.6 | 63.0 | 31.1 | 20.6 | 102.4 | 124.8 | 15.4 | 27.1 | 69.4 | 25.2 | 12.6 | 31.8 | 38.3 | 53.5 |
| December | 341.3 | 175.9 | 74.8 | 43.1 | 33.8 | 144.9 | 234.1 | 19.3 | 57.6 | 96.5 | 27.0 | 10.8 | 40.8 | 58.4 | 70.7 |
| 1989 | | | | | | | | | | | | | | | |
| January | 295.0 | 130.7 | 81.4 | 33.3 | 36.1 | 96.9 | 97.2 | 17.7 | 28.6 | 66.3 | 19.0 | 8.5 | 29.9 | 50.7 | 48.2 |
| February | 281.5 | 121.2 | 64.0 | 30.1 | 31.5 | 78.0 | 88.3 | 11.9 | 27.0 | 61.6 | 18.1 | 9.9 | 27.3 | 45.6 | 43.7 |
| March | 316.4 | 136.4 | 72.1 | 33.8 | 35.7 | 88.0 | 108.6 | 13.8 | 29.9 | 66.6 | 19.4 | 8.6 | 34.7 | 50.0 | 51.9 |
| April | 301.6 | 128.4 | 70.2 | 30.8 | 34.6 | 90.0 | 99.8 | 15.4 | 27.3 | 66.1 | 19.5 | 8.4 | 36.7 | 48.3 | 47.1 |
| May | 301.1 | 132.2 | 73.5 | 33.8 | 33.9 | 101.6 | 115.2 | 16.6 | 28.1 | 72.5 | 19.3 | 10.0 | 41.5 | 50.6 | 54.6 |
| June | 316.9 | 137.6 | 74.0 | 36.5 | 38.9 | 109.4 | 125.7 | 20.6 | 27.6 | 76.4 | 21.0 | 9.4 | 40.5 | 43.1 | 51.5 |
| July | 315.0 | 140.6 | 77.7 | 36.7 | 41.9 | 101.3 | 109.5 | 17.6 | 24.1 | 77.0 | 18.0 | 9.0 | 40.1 | 43.4 | 54.5 |
| August | 322.7 | 135.1 | 79.4 | 34.9 | 41.8 | 98.7 | 117.0 | 14.6 | 25.2 | 81.9 | 19.5 | 9.7 | 41.3 | 45.3 | 55.4 |
| September | 331.6 | 146.2 | 83.1 | 37.3 | 43.9 | 101.9 | 125.8 | 18.3 | 27.0 | 79.1 | 18.9 | 9.8 | 40.3 | 42.9 | 61.2 |
| October | 319.4 | 148.7 | 82.5 | 36.0 | 40.8 | 104.8 | 121.0 | 16.9 | 29.8 | 81.4 | 20.1 | 9.4 | 38.5 | 43.5 | 57.9 |
| Standard error (c) of | | | | | | | | | | | | | | | |
| Level | 8.9 | 4.7 | 10.1 | 1.1 | 6.4 | 9.0 | 0.0 | 1.7 | 3.4 | 4.8 | 2.0 | 1.7 | 4.4 | 5.7 | 5.3 |
| Change | 2.1 | 1.1 | 1.7 | | 0.6 | 3.3 | 0.0 | 0.3 | 1.1 | 4.7 | 1.4 | 0.7 | 0.6 | 0.9 | 1.9 |
| TREND ESTIMATES (d) | | | | | | | | | | | | | | | |
| \$ million | | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | |
| May | 313.0 | 139.6 | 76.3 | 35.3 | n.p. | 104.5 | 120.9 | 16.6 | 32.3 | 74.7 | 20.5 | 9.1 | 40.1 | 49.8 | n.p. |
| June | 317.4 | 140.5 | 78.0 | 35.6 | n.p. | 104.2 | 122.9 | 16.8 | 31.3 | 77.1 | 19.9 | 9.3 | 40.7 | 48.5 | n.p. |
| July | 321.7 | 141.3 | 79.5 | 35.8 | n.p. | 103.3 | 124.7 | 16.9 | 30.3 | 79.5 | 19.3 | 9.6 | 40.6 | 47.1 | n.p. |
| August | 325.3 | 142.3 | 80.7 | 35.8 | n.p. | 101.8 | 126.5 | 16.9 | 29.5 | 81.7 | 18.8 | 9.8 | 40.1 | 46.0 | n.p. |
| September | 328.1 | 143.4 | 81.6 | 35.7 | n.p. | 99.9 | 127.9 | 16.8 | 28.8 | 83.6 | 18.6 | 9.9 | 39.5 | 45.3 | n.p. |
| October | 330.2 | 144.5 | 82.3 | 35.4 | n.p. | 97.9 | 129.3 | 16.7 | 28.4 | 84.9 | 18.4 | 9.8 | 38.8 | 44.7 | n.p. |
| % change from preceding month | | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | |
| May | 1.3 | 0.6 | 2.7 | 0.6 | n.p. | 0.3 | 1.6 | 1.8 | -1.5 | 2.9 | -1.9 | 0.0 | 3.9 | -1.6 | n.p. |
| June | 1.4 | 0.8 | 2.2 | 0.8 | n.p. | -0.3 | 1.7 | 1.2 | -3.1 | 3.2 | -2.9 | 2.2 | 1.5 | -2.6 | n.p. |
| July | 1.4 | 0.6 | 1.9 | 0.6 | n.p. | -0.9 | 1.5 | 0.6 | -3.2 | 3.1 | -3.0 | 3.2 | -0.2 | -2.9 | n.p. |
| August | 1.1 | 0.0 | 1.5 | 0.0 | n.p. | -1.5 | 1.4 | 0.0 | -2.6 | 2.8 | -2.6 | 2.1 | -1.2 | -2.3 | n.p. |
| September | 0.9 | -0.3 | 1.1 | -0.3 | n.p. | -1.9 | 1.1 | -0.6 | -2.4 | 2.3 | -1.1 | 1.0 | -1.5 | -1.5 | n.p. |
| October | 0.6 | -0.8 | 0.9 | -0.8 | n.p. | -2.0 | 1.1 | -0.6 | -1.4 | 1.6 | -1.1 | -1.0 | -1.8 | -1.3 | n.p. |

See footnotes at end of table.

TABLE 7. TURNOVER OF RETAIL ESTABLISHMENTS,
MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a) (b)—continued

| Month | SOUTH AUSTRALIA | | | | | | | | | | Total | | | | |
|-------------------------------|---|----------|-------------------------|---|----------------------------------|--------------------------------------|--|--------------------|--|------------------------------------|-------|--------------------------|-----------------------------------|-----------------|-----------------|
| | Grocers, confect- ioners, tobacco- onists | Butchers | Other food stores | Hotels, liquor stores, licensed clubs | Cafes and rest- aurants | Clothing and fabrics stores | Depart- ment & general stores | Footwear stores | Domestic hardware stores, jewellers | Elec- trical goods stores | | Furni- ture stores | Floor cover- ings stores | Pharma- cies | News- agents |
| ORIGINAL \$ million | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | |
| August | 148.9 | 10.5 | 34.4 | 52.4 | 17.2 | 26.9 | 67.3 | 6.0 | 9.4 | 36.3 | 13.7 | 4.2 | 16.6 | 11.0 | 21.1 |
| September | 154.4 | 11.5 | 35.0 | 55.2 | 19.0 | 32.6 | 71.5 | 6.7 | 10.6 | 30.3 | 14.4 | 4.1 | 16.1 | 11.2 | 19.4 |
| October | 155.5 | 12.1 | 33.4 | 57.4 | 17.8 | 31.2 | 71.4 | 6.8 | 11.7 | 31.2 | 14.7 | 3.8 | 16.1 | 11.8 | 20.2 |
| November | 156.7 | 12.7 | 33.6 | 60.6 | 19.5 | 29.7 | 90.8 | 6.1 | 12.8 | 34.5 | 15.9 | 4.1 | 17.7 | 12.5 | 19.8 |
| December | 183.9 | 15.6 | 37.2 | 83.9 | 37.1 | 45.2 | 141.4 | 8.0 | 21.3 | 48.3 | 18.4 | 4.6 | 21.6 | 16.2 | 32.6 |
| 1989 | | | | | | | | | | | | | | | |
| January | 149.4 | 12.5 | 35.9 | 64.1 | 22.2 | 33.5 | 64.3 | 6.2 | 11.0 | 33.5 | 13.1 | 4.0 | 15.7 | 11.3 | 18.4 |
| February | 144.0 | 12.0 | 31.8 | 56.3 | 20.2 | 26.1 | 55.4 | 5.2 | 9.5 | 31.6 | 12.7 | 3.8 | 15.2 | 11.4 | 17.6 |
| March | 158.3 | 12.7 | 38.4 | 66.6 | 24.1 | 30.0 | 70.4 | 6.2 | 11.0 | 32.2 | 14.0 | 4.5 | 16.2 | 12.5 | 22.6 |
| April | 143.6 | 12.7 | 37.7 | 62.5 | 24.0 | 32.9 | 74.6 | 7.2 | 10.1 | 31.4 | 12.9 | 5.0 | 15.9 | 11.0 | 19.9 |
| May | 149.4 | 12.9 | 36.2 | 59.0 | 24.4 | 34.5 | 78.6 | 7.3 | 10.4 | 34.8 | 14.7 | 5.1 | 15.9 | 11.9 | 22.1 |
| June | 150.1 | 12.3 | 34.8 | 57.8 | 20.9 | 34.8 | 76.5 | 7.3 | 11.1 | 34.0 | 13.0 | 5.1 | 17.5 | 11.4 | 23.1 |
| July | 150.1 | 12.2 | 33.5 | 57.8 | 24.8 | 33.7 | 73.6 | 6.9 | 10.9 | 33.6 | 13.6 | 5.5 | 17.7 | 11.6 | 22.6 |
| August | 157.2 | 12.7 | 35.0 | 58.3 | 23.7 | 30.8 | 76.0 | 6.0 | 13.6 | 35.4 | 14.3 | 5.5 | 18.7 | 12.3 | 22.2 |
| September | 153.7 | 12.4 | 37.3 | 58.0 | 21.0 | 34.6 | 75.2 | 6.8 | 13.4 | 30.2 | 14.4 | 5.6 | 19.0 | 11.8 | 25.0 |
| October | 155.2 | 12.5 | 38.1 | 58.9 | 20.8 | 36.0 | 75.7 | 6.8 | 14.8 | 29.1 | 14.1 | 5.5 | 18.5 | 11.2 | 22.3 |
| Standard error (c) of | | | | | | | | | | | | | | | |
| Level | 2.9 | 2.4 | 4.1 | 5.3 | 4.7 | 5.7 | 0.0 | 0.4 | 1.9 | 1.2 | 1.3 | 0.3 | 2.5 | 0.6 | 1.9 |
| Change | 0.7 | 0.4 | 1.3 | 2.1 | 0.9 | 1.8 | 0.0 | 0.1 | 0.6 | 0.2 | 1.1 | 0.5 | 0.3 | 0.8 | 2.0 |
| TREND ESTIMATES (d) | | | | | | | | | | | | | | | |
| \$ million | | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | |
| May | 151.3 | 12.9 | 37.8 | 63.8 | n.p. | 33.6 | 78.3 | 6.6 | 12.4 | 34.1 | 13.4 | 5.1 | 17.2 | 11.8 | n.p. |
| June | 151.8 | 12.8 | 37.0 | 63.7 | n.p. | 34.0 | 78.6 | 6.7 | 12.8 | 33.8 | 13.3 | 5.3 | 17.5 | 11.8 | n.p. |
| July | 153.0 | 12.7 | 36.1 | 63.3 | n.p. | 34.7 | 79.0 | 6.8 | 13.4 | 33.4 | 13.4 | 5.4 | 17.8 | 11.8 | n.p. |
| August | 154.3 | 12.7 | 35.6 | 62.7 | n.p. | 35.2 | 79.4 | 6.9 | 14.1 | 33.0 | 13.6 | 5.4 | 18.1 | 11.7 | n.p. |
| September | 155.5 | 12.7 | 35.4 | 62.0 | n.p. | 35.6 | 79.8 | 6.9 | 14.6 | 32.5 | 13.9 | 5.4 | 18.3 | 11.7 | n.p. |
| October | 156.6 | 12.6 | 35.3 | 61.3 | n.p. | 35.8 | 80.1 | 6.9 | 15.1 | 31.8 | 14.1 | 5.4 | 18.5 | 11.7 | n.p. |
| % change from preceding month | | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | |
| May | -0.3 | 0.0 | -1.0 | 0.6 | n.p. | 0.3 | 0.3 | 0.0 | 3.3 | -1.4 | -2.2 | 4.1 | 1.2 | -1.7 | n.p. |
| June | 0.3 | -0.8 | -2.1 | -0.2 | n.p. | 1.2 | 0.4 | 1.5 | 3.2 | -0.9 | -0.7 | 3.9 | 1.7 | 0.0 | 0.2 |
| July | 0.8 | -0.8 | -2.4 | -0.6 | n.p. | 2.1 | 0.5 | 1.5 | 4.7 | -1.2 | 0.8 | 1.9 | 1.7 | 0.0 | 0.4 |
| August | 0.8 | 0.0 | -1.4 | -0.9 | n.p. | 1.4 | 0.5 | 1.5 | 5.2 | -1.2 | 1.5 | 0.0 | 1.7 | -0.8 | 0.4 |
| September | 0.8 | 0.0 | -0.6 | -1.1 | n.p. | 1.1 | 0.5 | 0.0 | 3.5 | -1.5 | 2.2 | 0.0 | 1.1 | 0.0 | 0.3 |
| October | 0.7 | -0.8 | -0.3 | -1.1 | n.p. | 0.6 | 0.4 | 0.0 | 3.4 | -2.2 | 1.4 | 0.0 | 1.1 | 0.0 | 0.2 |

See footnotes at end of table.

TABLE 7. TURNOVER OF RETAIL ESTABLISHMENTS, MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a) (b)—continued

| Month | Grocers, confectioners, tobacconists | Butchers | Other food stores | Hotels, liquor stores, licensed clubs | | Cafes and restaurants | Clothing and fabrics stores | Department & general stores | Footwear stores | Domestic hardware stores, jewellers | Electrical goods stores | Furniture stores | Floor coverings stores | Pharmacies | Newsagents | Other stores | Total |
|-------------------------------|--------------------------------------|----------|-------------------|---------------------------------------|----------------|-----------------------|-----------------------------|-----------------------------|-----------------|-------------------------------------|-------------------------|------------------|------------------------|------------|------------|--------------|-------|
| | | | | Other food stores | licensed clubs | | | | | | | | | | | | |
| WESTERN AUSTRALIA | | | | | | | | | | | | | | | | | |
| ORIGINAL \$ million | | | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | | | |
| August | 169.9 | 6.9 | 29.4 | 58.2 | 12.7 | 32.6 | 56.7 | 7.1 | 9.8 | 35.5 | 13.1 | 7.8 | 22.8 | 16.0 | 25.3 | 503.9 | |
| September | 174.6 | 5.4 | 29.9 | 62.0 | 15.0 | 32.8 | 64.7 | 7.9 | 11.1 | 34.1 | 13.2 | 7.7 | 22.9 | 14.4 | 27.2 | 522.9 | |
| October | 177.5 | 5.2 | 30.5 | 65.5 | 15.2 | 33.6 | 67.9 | 8.8 | 11.0 | 34.9 | 14.1 | 8.1 | 23.3 | 14.7 | 27.0 | 537.3 | |
| November | 181.1 | 5.1 | 30.5 | 66.8 | 16.3 | 36.4 | 80.1 | 8.2 | 13.1 | 40.0 | 14.9 | 8.4 | 23.2 | 15.8 | 31.2 | 570.9 | |
| December | 222.7 | 6.5 | 33.4 | 85.4 | 21.2 | 53.2 | 135.6 | 10.1 | 23.7 | 53.3 | 14.6 | 7.8 | 31.1 | 21.6 | 44.3 | 764.5 | |
| 1989 | | | | | | | | | | | | | | | | | |
| January | 182.6 | 5.6 | 30.3 | 70.8 | 20.6 | 33.7 | 59.9 | 7.1 | 10.2 | 39.0 | 12.6 | 8.0 | 21.5 | 21.0 | 28.7 | 551.5 | |
| February | 175.4 | 5.5 | 29.9 | 66.3 | 20.3 | 30.3 | 51.2 | 6.0 | 10.7 | 35.0 | 12.2 | 7.7 | 20.0 | 17.0 | 25.8 | 513.3 | |
| March | 196.1 | 6.6 | 33.8 | 76.9 | 25.3 | 35.6 | 66.3 | 6.9 | 11.7 | 41.2 | 9.2 | 7.9 | 20.7 | 16.0 | 28.6 | 583.0 | |
| April | 177.4 | 6.5 | 30.2 | 69.5 | 23.5 | 40.9 | 67.5 | 7.1 | 10.8 | 40.7 | 9.9 | 6.7 | 19.4 | 12.6 | 26.3 | 549.0 | |
| May | 183.1 | 7.3 | 32.3 | 66.8 | 20.9 | 43.6 | 74.2 | 8.2 | 12.3 | 48.0 | 11.7 | 5.8 | 21.2 | 14.5 | 25.2 | 575.3 | |
| June | 187.8 | 7.5 | 33.8 | 71.2 | 21.4 | 39.1 | 73.6 | 7.5 | 13.0 | 43.1 | 9.3 | 7.3 | 21.9 | 16.1 | 25.8 | 578.5 | |
| July | 182.1 | 7.4 | 31.3 | 70.6 | 24.4 | 39.3 | 63.5 | 7.7 | 14.2 | 41.9 | 9.5 | 6.9 | 21.1 | 16.0 | 26.7 | 562.5 | |
| August | 191.3 | 7.8 | 34.9 | 72.7 | 23.7 | 39.1 | 66.2 | 6.5 | 15.2 | 39.2 | 9.0 | 7.6 | 22.2 | 17.7 | 26.8 | 580.0 | |
| September | 195.1 | 7.5 | 36.4 | 77.2 | 30.1 | 37.3 | 70.6 | 7.4 | 15.3 | 39.4 | 8.3 | 8.7 | 24.4 | 16.9 | 29.6 | 604.0 | |
| October | 186.6 | 6.9 | 39.0 | 78.1 | 29.2 | 39.4 | 68.5 | 7.6 | 15.5 | 40.3 | 9.1 | 7.6 | 24.2 | 17.5 | 29.1 | 598.3 | |
| Standard error (c) of | | | | | | | | | | | | | | | | | |
| Level | 3.4 | 1.5 | 3.7 | 4.6 | 5.0 | 3.5 | 0.0 | 0.3 | 1.5 | 1.7 | 1.3 | 0.8 | 2.2 | 2.0 | 2.7 | 10.5 | |
| Change | 0.5 | 0.4 | 0.7 | 0.9 | 0.3 | 2.1 | 0.0 | 0.1 | 0.3 | 0.6 | 0.4 | 0.5 | 0.4 | 0.3 | 2.5 | 3.7 | |
| TREND ESTIMATES (d) | | | | | | | | | | | | | | | | | |
| \$ million | | | | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | | | |
| May | 186.6 | 6.9 | 33.0 | 75.1 | n.p. | 40.7 | 73.7 | 7.5 | 14.6 | 43.7 | 10.6 | 7.0 | 21.7 | 15.6 | n.p. | 585.3 | |
| June | 189.0 | 7.1 | 33.5 | 76.8 | n.p. | 40.2 | 74.5 | 7.4 | 15.3 | 42.8 | 10.0 | 6.8 | 21.9 | 15.9 | n.p. | 591.2 | |
| July | 191.7 | 7.2 | 34.2 | 78.0 | n.p. | 39.8 | 74.7 | 7.4 | 15.9 | 41.9 | 9.5 | 6.8 | 22.3 | 16.6 | n.p. | 598.1 | |
| August | 194.0 | 7.3 | 34.9 | 78.9 | n.p. | 39.6 | 74.7 | 7.3 | 16.2 | 41.1 | 9.0 | 7.0 | 22.6 | 17.2 | n.p. | 604.5 | |
| September | 195.5 | 7.4 | 35.8 | 79.4 | n.p. | 39.6 | 74.3 | 7.3 | 16.4 | 40.5 | 8.7 | 7.3 | 22.9 | 17.8 | n.p. | 609.8 | |
| October | 196.6 | 7.4 | 36.8 | 79.7 | n.p. | 39.5 | 74.1 | 7.3 | 16.4 | 40.1 | 8.2 | 7.5 | 23.2 | 18.3 | n.p. | 614.2 | |
| % change from preceding month | | | | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | | | |
| May | 0.8 | 3.0 | 1.5 | 3.0 | n.p. | -0.7 | 1.5 | 0.0 | 5.8 | -1.1 | -5.4 | -5.4 | 0.0 | -1.9 | n.p. | 0.7 | |
| June | 1.3 | 2.9 | 1.5 | 2.3 | n.p. | -1.2 | 1.1 | -1.3 | 4.8 | -2.1 | -5.7 | -2.9 | 0.9 | 1.9 | n.p. | 1.0 | |
| July | 1.4 | 1.4 | 2.1 | 1.6 | n.p. | -1.0 | 0.3 | 0.0 | 3.9 | -2.1 | -5.0 | 0.0 | 1.8 | 4.4 | n.p. | 1.2 | |
| August | 1.2 | 1.4 | 2.0 | 1.2 | n.p. | -0.5 | 0.0 | -1.4 | 1.9 | -1.9 | -5.3 | 2.9 | 1.3 | 3.6 | n.p. | 1.1 | |
| September | 0.8 | 1.4 | 2.6 | 0.6 | n.p. | 0.0 | -0.5 | 0.0 | 1.2 | -1.5 | -3.3 | 4.3 | 1.3 | 3.5 | n.p. | 0.9 | |
| October | 0.6 | 0.0 | 2.8 | 0.4 | n.p. | -0.3 | -0.3 | 0.0 | 0.0 | -1.0 | -5.7 | 2.7 | 1.3 | 2.8 | n.p. | 0.7 | |

See footnotes at end of table.

TABLE 7. TURNOVER OF RETAIL ESTABLISHMENTS,
MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a) (b)—continued

| Month | Grocers, confectioners, tobacco- onists | Butchers | Other food stores | Hotels, liquor stores, licensed clubs | Cafes and rest- aurants | Clothing and fabrics stores | Depart- ment & general stores | Footwear stores | Domestic hardware stores, jewellers | Elec- trical goods stores | Furni- ture stores | Floor cover- ings stores | Pharma- cies | News- agents | Other stores | Total |
|----------------------------------|--|----------|-------------------------|---|----------------------------------|--------------------------------------|--|--------------------|--|------------------------------------|--------------------------|-----------------------------------|-----------------|-----------------|-----------------|-------|
| | | | | | | | | | | | | | | | | |
| ORIGINAL \$ million | | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | | |
| August | 47.3 | 3.9 | 7.6 | 18.0 | 2.4 | 11.3 | 14.8 | 2.3 | 2.6 | 9.4 | 2.7 | 1.2 | 5.9 | 5.3 | 10.7 | 145.5 |
| September | 47.6 | 3.9 | 7.6 | 18.4 | 2.6 | 11.3 | 16.1 | 2.3 | 3.6 | 8.9 | 3.7 | 1.5 | 6.0 | 5.8 | 8.9 | 148.2 |
| October | 49.0 | 3.9 | 7.8 | 19.2 | 2.8 | 10.8 | 15.9 | 2.3 | 3.2 | 8.0 | 3.6 | 1.5 | 5.8 | 5.2 | 9.2 | 148.1 |
| November | 50.6 | 3.6 | 7.8 | 20.0 | 3.2 | 12.9 | 21.2 | 2.6 | 3.2 | 9.1 | 3.8 | 1.5 | 6.1 | 5.7 | 11.0 | 162.2 |
| December | 60.2 | 5.3 | 10.2 | 29.8 | 6.2 | 19.2 | 34.8 | 3.4 | 6.6 | 11.0 | 4.9 | 1.3 | 7.7 | 7.6 | 13.2 | 221.2 |
| 1989 | | | | | | | | | | | | | | | | |
| January | 48.7 | 3.9 | 8.9 | 24.1 | 5.0 | 11.1 | 14.0 | 2.0 | 2.8 | 7.0 | 3.4 | 0.9 | 5.9 | 4.9 | 9.6 | 152.4 |
| February | 47.0 | 3.7 | 8.2 | 21.6 | 4.5 | 11.2 | 14.0 | 2.4 | 2.6 | 6.4 | 3.6 | 1.2 | 5.6 | 5.3 | 9.8 | 147.3 |
| March | 53.8 | 4.3 | 8.7 | 24.8 | 4.9 | 11.7 | 16.1 | 2.2 | 2.7 | 8.8 | 3.5 | 1.4 | 6.2 | 5.6 | 9.5 | 164.0 |
| April | 49.5 | 3.8 | 7.5 | 21.9 | 4.3 | 11.8 | 16.3 | 2.5 | 2.5 | 8.6 | 3.6 | 1.3 | 6.0 | 4.8 | 8.3 | 152.6 |
| May | 50.9 | 4.4 | 7.7 | 21.7 | 4.4 | 13.1 | 17.6 | 2.7 | 2.8 | 10.1 | 4.0 | 1.5 | 6.3 | 5.2 | 8.3 | 160.7 |
| June | 52.4 | 3.4 | 8.0 | 22.2 | 5.4 | 13.3 | 18.2 | 2.9 | 2.3 | 9.4 | 3.5 | 1.5 | 6.1 | 5.1 | 7.7 | 161.6 |
| July | 50.5 | 3.8 | 8.4 | 21.9 | 5.9 | 10.9 | 15.4 | 2.5 | 2.4 | 9.0 | 3.7 | 1.4 | 6.5 | 4.9 | 7.4 | 154.8 |
| August | 53.5 | 3.9 | 8.5 | 22.7 | 5.6 | 11.7 | 16.7 | 2.4 | 2.9 | 9.5 | 3.7 | 1.6 | 6.8 | 5.8 | 8.0 | 163.4 |
| September | 54.8 | 4.2 | 8.0 | 22.8 | 5.1 | 12.3 | 17.0 | 2.3 | 2.8 | 8.9 | 3.8 | 1.5 | 5.9 | 5.7 | 8.4 | 163.4 |
| October | 53.3 | 4.2 | 8.7 | 23.7 | 5.0 | 12.5 | 16.9 | 2.3 | 2.8 | 7.9 | 3.6 | 1.6 | 6.4 | 5.8 | 8.5 | 163.0 |
| Standard error (c) of Level | 1.3 | 0.3 | 1.0 | 2.2 | 1.3 | 0.8 | 0.0 | 0.2 | 0.3 | 0.3 | 0.2 | 0.1 | 0.5 | 0.7 | 0.7 | 3.4 |
| Change | 0.3 | 0.2 | 0.2 | 0.6 | 0.5 | 0.4 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 1.1 |
| TREND ESTIMATES(d) \$ million | | | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | | |
| May | 52.4 | 4.0 | 8.2 | 23.6 | n.p. | 12.3 | 18.1 | 2.5 | 2.9 | 9.3 | 3.7 | 1.5 | 6.4 | 5.3 | n.p. | 164.3 |
| June | 52.9 | 4.0 | 8.2 | 23.7 | n.p. | 12.5 | 18.2 | 2.6 | 2.9 | 9.3 | 3.7 | 1.5 | 6.4 | 5.4 | n.p. | 165.1 |
| July | 53.3 | 3.9 | 8.3 | 23.9 | n.p. | 12.7 | 18.2 | 2.7 | 3.0 | 9.2 | 3.7 | 1.5 | 6.4 | 5.6 | n.p. | 166.3 |
| August | 53.7 | 3.9 | 8.4 | 24.1 | n.p. | 13.1 | 18.2 | 2.7 | 3.1 | 9.1 | 3.7 | 1.5 | 6.4 | 5.8 | n.p. | 167.6 |
| September | 53.9 | 4.0 | 8.5 | 24.2 | n.p. | 13.4 | 18.2 | 2.6 | 3.1 | 9.0 | 3.7 | 1.5 | 6.4 | 6.0 | n.p. | 168.7 |
| October | 54.2 | 4.0 | 8.6 | 24.3 | n.p. | 13.7 | 18.3 | 2.6 | 3.2 | 8.9 | 3.7 | 1.5 | 6.4 | 6.2 | n.p. | 169.6 |
| % change from preceding month | | | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | | |
| May | 0.8 | -2.4 | 0.0 | 0.4 | n.p. | 0.0 | 0.6 | 4.2 | 0.0 | 1.1 | -2.6 | 7.1 | 0.0 | 1.9 | n.p. | 0.2 |
| June | 1.0 | 0.0 | 0.0 | 0.4 | n.p. | 1.6 | 0.6 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | n.p. | 0.5 |
| July | 0.8 | -2.5 | 1.2 | 0.8 | n.p. | 1.6 | 0.0 | 3.8 | 3.4 | -1.1 | 0.0 | 0.0 | 0.0 | 3.7 | n.p. | 0.7 |
| August | 0.8 | 0.0 | 1.2 | 0.8 | n.p. | 3.1 | 0.0 | 0.0 | 3.3 | -1.1 | 0.0 | 0.0 | 0.0 | 3.6 | n.p. | 0.8 |
| September | 0.4 | 2.6 | 1.2 | 0.4 | n.p. | 2.3 | 0.0 | -3.7 | 0.0 | -1.1 | 0.0 | 0.0 | 0.0 | 3.4 | n.p. | 0.7 |
| October | 0.6 | 0.0 | 1.2 | 0.4 | n.p. | 2.2 | 0.5 | 0.0 | 3.2 | -1.1 | 0.0 | 0.0 | 0.0 | 3.3 | n.p. | 0.5 |

See footnotes at end of table.

TABLE 7. TURNOVER OF RETAIL ESTABLISHMENTS,
MONTHLY ESTIMATES, AT CURRENT PRICES, BY INDUSTRY, STATES AND ACT (a) (b)—continued

| Month | AUSTRALIAN CAPITAL TERRITORY | | | | | | | | | | | Total | | | | |
|-----------------------|--|----------|-------------------------|--|----------------------------------|--------------------------------------|--|--------------------|--|------------------------------------|--------------------------|-------|-----------------------------------|-----------------|-----------------|-----------------|
| | Grocers, confectioneries, tobacco- onists | Butchers | Other food stores | Hotels, liquor stores, and licensed clubs | Cafes and rest- aurants | Clothing and fabrics stores | Depart- ment & general stores | Footwear stores | Domestic hardware stores, jewellers | Elec- trical goods stores | Furni- ture stores | | Floor cover- ings stores | Pharma- cies | News- agents | Other stores |
| | ORIGINAL \$ million | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | | |
| August | 26.6 | 1.8 | 6.5 | 11.8 | 9.3 | 9.0 | 13.5 | 0.8 | 2.9 | 6.7 | 3.9 | 1.6 | 3.2 | 5.2 | 5.7 | 108.4 |
| September | 26.8 | 1.8 | 5.9 | 12.4 | 9.4 | 8.1 | 14.8 | 1.1 | 3.9 | 6.3 | 2.9 | 1.2 | 3.5 | 4.8 | 6.7 | 109.5 |
| October | 27.1 | 1.8 | 6.1 | 12.7 | 8.9 | 7.0 | 14.5 | 1.1 | 3.9 | 6.3 | 3.1 | 1.2 | 3.5 | 4.8 | 7.0 | 109.1 |
| November | 26.5 | 1.8 | 5.7 | 13.4 | 9.2 | 7.8 | 17.4 | 1.1 | 4.3 | 7.1 | 3.8 | 1.3 | 3.7 | 5.5 | 6.7 | 115.2 |
| December | 31.1 | 2.1 | 6.7 | 15.1 | 9.5 | 11.7 | 33.4 | 1.6 | 10.2 | 10.0 | 3.8 | 1.3 | 4.2 | 7.3 | 9.7 | 157.7 |
| 1989 | | | | | | | | | | | | | | | | |
| January | 25.8 | 1.7 | 6.2 | 11.6 | 7.6 | 9.6 | 12.4 | 1.1 | 3.8 | 5.7 | 2.9 | 1.1 | 3.4 | 4.4 | 6.1 | 103.4 |
| February | 25.6 | 1.8 | 5.4 | 10.1 | 6.8 | 7.5 | 10.6 | 1.2 | 3.7 | 6.7 | 3.1 | 1.1 | 3.2 | 4.8 | 6.9 | 98.7 |
| March | 27.9 | 2.0 | 5.7 | 12.1 | 7.5 | 10.3 | 14.9 | 1.5 | 2.8 | 6.9 | 3.1 | 1.3 | 3.5 | 5.0 | 7.0 | 111.5 |
| April | 26.2 | 2.1 | 5.7 | 11.7 | 6.5 | 11.2 | 14.6 | 1.5 | 3.0 | 6.7 | 3.0 | 1.4 | 3.7 | 4.6 | 6.3 | 108.2 |
| May | 26.5 | 2.0 | 5.7 | 11.6 | 7.4 | 11.4 | 15.2 | 1.6 | 2.9 | 7.5 | 3.5 | 1.3 | 4.2 | 5.2 | 6.3 | 112.5 |
| June | 29.0 | 1.9 | 5.2 | 12.1 | 6.5 | 12.3 | 14.2 | 1.8 | 3.1 | 6.9 | 3.4 | 1.5 | 4.5 | 4.1 | 5.4 | 112.0 |
| July | 29.9 | 2.1 | 5.8 | 12.7 | 7.4 | 12.9 | 15.8 | 1.4 | 3.0 | 6.2 | 2.8 | 1.3 | 4.6 | 4.2 | 6.0 | 116.1 |
| August | 31.1 | 2.5 | 6.0 | 12.9 | 7.2 | 11.3 | 14.2 | 1.4 | 3.0 | 6.3 | 2.8 | 1.6 | 5.1 | 4.8 | 6.0 | 116.1 |
| September | 31.8 | 2.2 | 6.5 | 13.0 | 6.6 | 10.2 | 12.7 | 1.5 | 3.6 | 6.8 | 2.7 | 1.2 | 4.7 | 4.5 | 6.9 | 114.7 |
| October | 31.8 | 2.2 | 6.4 | 13.4 | 6.3 | 10.1 | 14.9 | 1.9 | 3.5 | 6.7 | 3.2 | 1.3 | 4.7 | 4.3 | 7.7 | 118.3 |
| Standard error (c) of | | | | | | | | | | | | | | | | |
| Level | 1.5 | 0.3 | 0.9 | 1.0 | 1.2 | 2.6 | 0.0 | 0.0 | 0.2 | 0.5 | 0.2 | 0.0 | 0.5 | 0.5 | 1.3 | 3.8 |
| Change | 0.2 | 0.0 | 0.4 | 0.4 | 0.2 | 0.5 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.6 | 1.0 |
| | TREND ESTIMATES(d) | | | | | | | | | | | | | | | |
| | \$ million | | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | | |
| May | 27.8 | 2.0 | 5.9 | 12.0 | n.p. | 11.1 | 15.3 | 1.5 | 3.6 | 6.9 | 3.7 | 1.3 | 4.3 | 4.7 | n.p. | 113.2 |
| June | 28.7 | 2.1 | 5.8 | 12.3 | n.p. | 11.2 | 15.5 | 1.5 | 3.6 | 6.6 | 3.7 | 1.3 | 4.5 | 4.7 | n.p. | 114.2 |
| July | 29.8 | 2.1 | 5.7 | 12.7 | n.p. | 11.3 | 15.6 | 1.6 | 3.7 | 6.4 | 3.7 | 1.3 | 4.6 | 4.7 | n.p. | 115.6 |
| August | 30.8 | 2.2 | 5.7 | 13.0 | n.p. | 11.3 | 15.7 | 1.7 | 3.7 | 6.3 | 3.7 | 1.3 | 4.7 | 4.6 | n.p. | 117.1 |
| September | 31.8 | 2.2 | 5.7 | 13.2 | n.p. | 11.1 | 15.6 | 1.7 | 3.8 | 6.3 | 3.7 | 1.3 | 4.7 | 4.6 | n.p. | 118.3 |
| October | 32.6 | 2.2 | 5.8 | 13.4 | n.p. | 10.9 | 15.6 | 1.8 | 3.7 | 6.4 | 3.7 | 1.3 | 4.7 | 4.5 | n.p. | 119.3 |
| | % change from preceding month | | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | | |
| May | 2.2 | 0.0 | -1.7 | 1.7 | n.p. | 1.8 | 0.7 | 7.1 | -2.7 | -4.2 | -2.6 | 0.0 | 7.5 | -2.1 | n.p. | 0.1 |
| June | 3.2 | 5.0 | -1.7 | 2.5 | n.p. | 0.9 | 1.3 | 0.0 | 0.0 | -4.3 | 0.0 | 0.0 | 4.7 | 0.0 | n.p. | 0.9 |
| July | 3.8 | 0.0 | -1.7 | 3.3 | n.p. | 0.9 | 0.6 | 6.7 | 2.8 | -3.0 | 0.0 | 0.0 | 2.2 | 0.0 | n.p. | 1.2 |
| August | 3.4 | 4.8 | 0.0 | 2.4 | n.p. | 0.0 | 0.6 | 6.3 | 0.0 | -1.6 | 0.0 | 0.0 | 2.2 | -2.1 | n.p. | 1.3 |
| September | 3.2 | 0.0 | 0.0 | 1.5 | n.p. | -1.8 | -0.6 | 0.0 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | n.p. | 1.0 |
| October | 2.5 | 0.0 | 1.8 | 1.5 | n.p. | -1.8 | 0.0 | 5.9 | -2.6 | 1.6 | 0.0 | 0.0 | 0.0 | -2.2 | n.p. | 0.8 |

(a) Excludes motor vehicle dealers, petrol stations, etc. (b) Prior to June 1988, these series reflect retail sales adjusted to a turnover basis - see paragraph 2 of Explanatory Notes. (c) The standard error of the estimates for the latest month and of the latest month from the preceding month - see paragraphs 9 to 13 of Explanatory Notes. (d) Subject to revision - see from paragraph 21 of Explanatory Notes.

TABLE 8. TURNOVER OF RETAIL ESTABLISHMENTS,
MONTHLY ESTIMATES AT CURRENT PRICES, NORTHERN TERRITORY (a)

| Month | Food stores, liquor stores, and licensed clubs (b) | | All other stores | | Total | |
|------------------------------|--|----------------------------------|------------------|----------------------------------|------------|----------------------------------|
| | \$ million | % change from preceding month | \$ million | % change from preceding month | \$ million | % change from preceding month |
| 1988 | | | | | | |
| August | 42.3 | -2.3 | 18.2 | 0.6 | 60.6 | -1.5 |
| September | 44.7 | 5.7 | 18.9 | 3.8 | 63.7 | 5.1 |
| October | 44.1 | -1.3 | 18.4 | -2.6 | 62.7 | -1.6 |
| November | 40.1 | -9.1 | 19.7 | 7.1 | 59.8 | -4.6 |
| December | 45.6 | 13.7 | 26.8 | 36.0 | 72.2 | 20.7 |
| 1989 | | | | | | |
| January | 39.6 | -13.2 | 15.8 | -41.0 | 55.5 | -23.1 |
| February | 38.4 | -3.0 | 15.0 | -5.1 | 53.4 | -3.8 |
| March | 42.5 | 10.7 | 17.3 | 15.3 | 59.9 | 12.2 |
| April | 41.0 | -3.5 | 17.1 | -1.2 | 58.0 | -3.2 |
| May | 45.8 | 11.7 | 18.6 | 8.8 | 64.4 | 11.0 |
| June | 46.6 | 1.7 | 21.0 | 12.9 | 67.6 | 5.0 |
| July | 47.6 | 2.1 | 21.8 | 3.8 | 69.7 | 3.1 |
| August | 49.9 | 4.8 | 23.1 | 6.0 | 72.8 | 4.4 |
| September | 45.7 | -8.4 | 22.1 | -4.3 | 67.8 | -6.9 |
| October | 45.3 | -0.9 | 21.0 | -5.0 | 66.4 | -2.1 |
| Standard error (c) of | | | | | | |
| Level | 2.0 | | 1.0 | | 2.2 | |
| Change | 0.8 | | 0.4 | | 0.9 | |

Note: Series is not long enough to provide sufficient information to allow reliable seasonal adjustment estimates. (a) Excludes motor vehicle dealers, petrol stations, etc. (b) Includes Grocers, confectioners and tobacconists, Butchers, Other food stores, Hotels, liquor stores, licensed clubs, Cafes and restaurants. (c) The standard error of the estimates for the latest month and of the latest month from the preceding month - see paragraphs 9 to 13 of Explanatory Notes.

EXPLANATORY NOTES

Introduction

This publication presents monthly retail trade series based on estimates of the value of turnover of retail establishments classified by industry, and by State. These series replace the statistics based on the value of retail sales published up to June 1988.

2. From June 1988 the series in this publication are based on turnover data obtained from a sample of retail establishments. For the period until June 1988 the series have been adjusted to a turnover basis using movements in the previous retail sales series. Linked historical data are available on AUSSTATS, or can be provided by the ABS. More information on the survey methodology and the procedures used to link statistics for the new series with those for months prior to June 1988 are contained in the Information Paper: 'Introduction of Improved Monthly Retail Trade Statistics', (Catalogue no. 8511.0).

Scope and coverage

3. The estimates of turnover are derived from a survey covering all States and the two Territories. It includes in its scope all retail trade establishments classified to ASIC subdivision 48, *except* motor vehicle dealers, service stations, etc (ASIC classes 4861-4868); milk and bread vendors (4878-4879); shoe repairers (4846); and electrical appliance repairers n.e.c. (4857). *Also included* are cafes and restaurants (9231); hotels, etc. (mainly drinking places) (9232); licensed clubs (9241-9243); and hairdressers (9351-9352).

4. Retail establishments which do not have employees are excluded from the coverage of the survey.

Definition of Turnover

5. Turnover includes retail sales; wholesale sales; takings from repairs, meals and hiring of goods (except for rent, leasing and hiring of land and buildings); and commissions from agency activity (e.g. commissions received from collecting dry cleaning, selling lottery tickets, etc).

Industry Detail

6. The names of the industries for which statistics are published in this bulletin align with the titles given in ASIC, except for the following groupings:

Other food stores: ASIC classes 4883, 4885, 4886

Hotels, liquor stores, licensed clubs: ASIC classes 9232, 4884, 9241, 9242, 9243

Clothing and fabrics stores: ASIC classes 4843, 4844, 4847

Electrical goods stores: ASIC classes 4855, 4856

Other stores: ASIC classes 4892, 4893, 4895, 4896, 4897, 9351, 9352

Constant Price Statistics

7. To enable analysis of the movement of retail activity in 'real' terms, estimates of retail turnover at constant (average 1984-85) prices are compiled each quarter. Constant price retail turnover series are derived by deflating the original current price series of retail turnover by specially compiled indexes of price change.

Reliability of Estimates

8. Retail trade statistics may be subject to error from various sources, which are usually classified as either sample or non-sample error.

Sample error

9. Since retail turnover is estimated from a survey which includes a sampled component, the estimates are subject to sampling error. That is, they may differ from figures that would have resulted if all enterprises with retail establishments were included in the survey. One measure of the likely difference is given by the standard error. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all in-scope units had been included, and about nineteen chances in twenty that the difference will be less than two standard errors.

10. Standard errors of estimates for the latest month and of estimates of change since the preceding month are shown in the tables. An example of the use of these standard errors is given below:

The *estimated change* of -\$9.3 million (-0.1 per cent) in the total value of turnover between September 1989 and October 1989 has a standard error of about \$19.5 million (0.3 per cent). Therefore, there are two chances in three that the change which would have been obtained if all units had been included in the survey would be within the range -\$28.8 million to \$10.2 million (-0.4 per cent to 0.2 per cent) and nineteen chances in twenty that the change would be within -\$48.3 million to \$29.7 million (-0.7 per cent to 0.5 per cent).

11. The standard errors for some industries in some States are relatively high and users are advised to exercise caution in interpreting movements for such series. Some users may wish to combine such industries to obtain an estimate of the combined group which is more accurate than the components. 1

1. The standard error of level of any such combination of industries may be calculated by squaring the standard error for each of the component industries, adding the squared standard errors together, and taking the square root of that sum. For example, suppose the standard error of level for Industry A is \$1.5 million and the standard error for Industry B is \$2.0 million. Then the standard error for the combination of Industries A and B is $\sqrt{(1.5)^2 + (2.0)^2} = \2.5 million.

12. Standard errors of estimates of change between non-consecutive months are not shown in publication tables. These standard errors are generally much higher than the standard errors of change between consecutive months. For example, the standard error of change between the latest month and the corresponding month of the previous year is, on average, approximately 1.4 times the standard error of level of the latest month.

13. Seasonally adjusted, trend and constant price estimates are also subject to sampling variability. For seasonally adjusted estimates, the standard errors are approximately the same percentage of the estimate as for the unadjusted series. For trend estimates, the standard errors are generally not larger than for the seasonally adjusted estimates and are likely to be smaller. For constant price estimates, the standard errors may be up to 10 per cent higher than those for the corresponding current price estimates because of the sampling variability contained in the prices data used to deflate the current price estimates.

Non-sample error

14. This category includes a number of possible errors that arise in any type of collection, whether or not sampling of units is undertaken. The most significant of these errors are: misreporting of data items; deficiencies in coverage; non-response; and processing errors. In some cases the presence of these errors would, at least in part, be reflected in the size of the standard error.

15. *Reporting error.* Such error may arise because of poor form design, inability by survey respondents to provide requested data, or simply because of clerical error. Every effort is made to minimise reporting error by the careful design and testing of forms, and by examining inconsistencies both between different respondents and between the reports in successive months for each respondent.

16. Turnover is a relatively simple data item to collect accurately because it corresponds closely to total takings by respondents. While some reporting errors will be random and thus cancel out, others may be consistently in one direction and lead to bias in the results.

17. *Under coverage.* Because of limited sources available to identify enterprises with no employees, only enterprises with employees are included in the new survey. Non-employed units are estimated to account for approximately 6% of total turnover but their significance varies substantially from industry to industry. While the exclusion of such units will therefore lead to consistent underestimation of the level of turnover, their exclusion is considered to have a negligible effect on short term movements in Retail Trade.

18. Some error may also arise because of lags in the identification of new businesses. Studies undertaken by the ABS suggest that these lags also have a negligible impact on short term movements but lead to a small consistent underestimation of the level of turnover each month.

19. *Non-response.* The survey of Retail Trade is a monthly survey conducted to tight timetables so that not all forms are received in time for publication. Extensive telephone follow up is undertaken each month to obtain details for respondents who have not returned forms by the due date. Despite this, it is necessary to impute responses for approximately 5% of selected units (which are, in the main, small retailers). The consequences of this imputation for data quality are also reflected, in part, in the size of the standard error.

20. *Processing errors.* Such errors may arise at any stage of processing. Editing procedures should detect significant errors at data entry stage, while all processing systems are thoroughly tested. Published tables are produced directly from 'camera-ready' computer output to avoid the possibility of clerical transcription errors at the tabulation stage.

Seasonally Adjusted and Trend Estimates

21. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences can be more clearly recognised.

22. In the seasonal adjustment of the turnover estimates, account has been taken of both normal seasonal factors and 'trading-day' effects (arising from the varying length of each month and the varying numbers of Sundays, Mondays, Tuesdays, etc. in the month). For total turnover for Australia, adjustment has also been made for the effects of change in the date of Easter and Australia Day holidays. Seasonal adjustment does not remove from the series the effect of irregular influences (e.g. abnormal weather, industrial disputes) and the seasonally adjusted estimates still reflect the sampling and non-sampling errors to which the original estimates are subject.

23. The smoothing of seasonally adjusted series to create trend estimates is a means of reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time.

24. While this smoothing technique enables estimates of trend to be produced for the latest month, it does result in revisions to the estimates for the most recent months as data for subsequent months become available. Generally, subsequent revisions become smaller and after 3 months have a negligible impact on the series. To illustrate the effect of the seasonally adjusted results on the trend series movement, if the November seasonally adjusted result shows a +1.0% movement, then the trend movement would be 0.2% for November, 0.3% for October and 0.4% for September. A -1.0% seasonally adjusted result would return trend movements of -0.1%, 0.0% and 0.2% respectively.

25. Users may wish to refer to the ABS Information Papers *A Guide to Smoothing Time Series - Estimates of 'Trend'* (1316.0) and *Time Series Decomposition - An*

Overview (1317.0) for more detailed information on smoothing seasonally adjusted time series data.

Related publications

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

Symbols and other usages

| | |
|------|---|
| n.p. | not available for publication, but included in totals |
| ASIC | Australian Standard Industrial Classification |
| r | revised |

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