

RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), AUSTRALIA, JUNE 1988

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- ELECTRONIC SERVICES**
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 - on AUSSTATS — phone (062) 52 6017.
 - on TELESTATS — phone (062) 52 5404.

NOTE: A new sample selection utilising the 1985-86 Retail Census as the frame and improved survey methodology will result in changes to the current retail sales data next month. An information bulletin detailing the changes and their impact on the series will be provided and historical series on the new basis will be compiled.

MAIN FEATURES

TOTAL VALUE OF RETAIL SALES OF GOODS (excluding motor vehicles, parts, petrol, etc.) AUSTRALIA

CHART 1 : MONTHLY ESTIMATES CURRENT PRICES

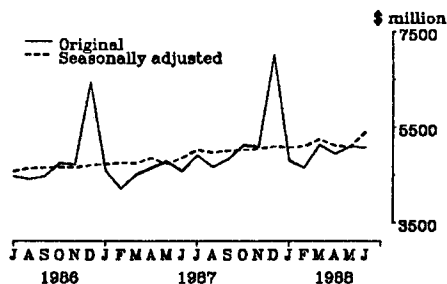


CHART 2 : MONTHLY CHANGES CURRENT PRICES Trend estimates

Percentage change from preceding month

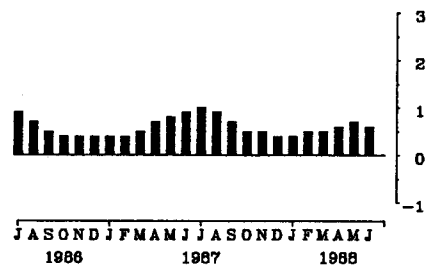
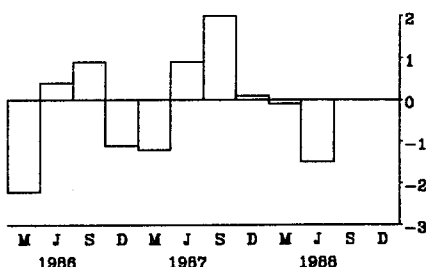


CHART 3 : QUARTERLY CHANGES, CONSTANT (AVERAGE 1979-80) PRICES Seasonally adjusted

Percentage change from preceding quarter



This publication includes trend estimates of retail sales, which have been derived by smoothing the series of seasonally adjusted estimates. Further details are given in paragraphs 16 and 21 of the Explanatory Notes at the end of this publication.

Estimates are subject to sampling and non-sampling variability as explained in paragraphs 8 to 13.

AUSTRALIAN ESTIMATES (see Charts 1 to 3)

The estimated value of Australian retail sales for June 1988 in original terms (excluding motor vehicles, parts, petrol etc.) is \$5,083.1 million.

After seasonal adjustment, the June monthly increase of 6.2%, is the highest monthly increase recorded. Users should be cautious in interpreting seasonally adjusted data because recent changes in the timing of school holidays may have affected the series. Minor irregularities in the seasonally adjusted series, however, are generally smoothed out in the process of producing trend estimates.

As a consequence of the large seasonally adjusted June figure, trend estimates for recent months have been revised upwards to show moderate monthly growth averaging 0.6% for the past six months.

Seasonally adjusted retail sales at constant prices fell by 1.5% in the June quarter.

Retail sales in 1987-88 (in current price terms) were up 8.4% on 1986-87. In constant price terms this represents an increase of 2.2%.

TOTAL VALUE OF RETAIL SALES OF GOODS
 (excluding motor vehicles, parts, petrol, etc.)
TREND ESTIMATES, MONTHLY CHANGES
CURRENT PRICES, SELECTED INDUSTRIES, AUSTRALIA
 Percentage change from preceding month

CHART 4 : GROCERS, CONFECTIONERS, TOBACCONISTS

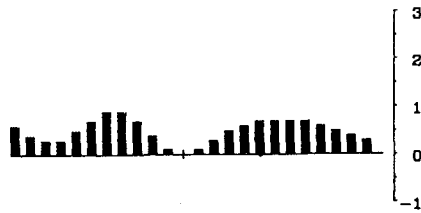


CHART 5 : OTHER FOOD STORES

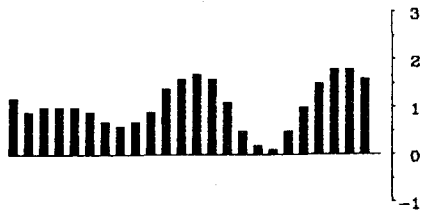


CHART 6 : HOTELS, LIQUOR STORES, LICENSED CLUBS

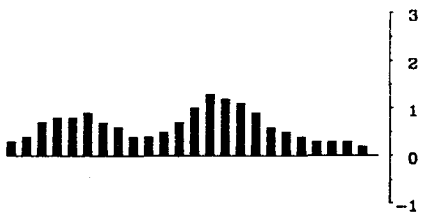


CHART 7 : CLOTHING AND FABRICS STORES

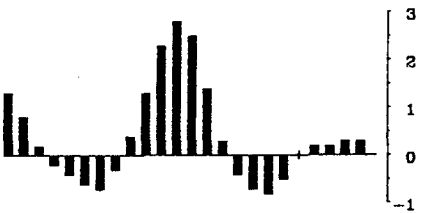


CHART 8 : DEPARTMENT STORES

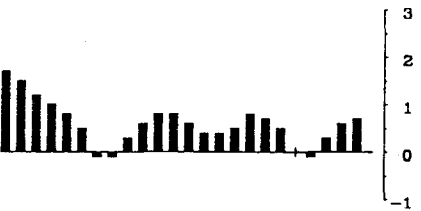
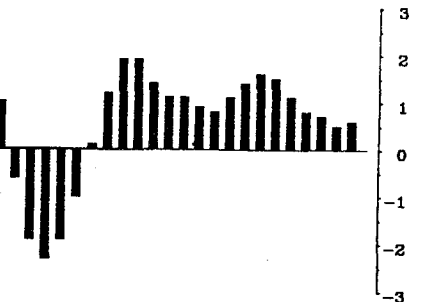


CHART 9 : ELECTRICAL GOODS STORES



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 1986 1987 1988

INDUSTRY ESTIMATES (see Charts 4 to 9)

With the addition of data for June 1988, trend estimates for recent months have been revised upwards for thirteen of the fifteen published series. Two industries, Clothing and fabric stores and Department stores, which were formerly showing negative monthly growth have now been revised to show increasing positive growth rates.

Of the fifteen industry series shown, ten show growth in excess of half a per cent in June.

Five industries exhibit average monthly growth in excess of 1% over the three months ended June: Other food stores (averaging +1.7%); Domestic hardware stores and jewellers (+2.3%); Furniture stores (+1.8%); Chemists (+1.5%); and Other industries (+1.8%). The growth in Other food stores and the Other industries group is largely due to the strength of trading in Queensland.

The largest industry group, Grocers, confectioners and tobacconists (which accounts for a third of retail sales), shows an average monthly growth rate of +0.4% in the three months ended June compared with an average of +0.7% in the three months ended March.

STATE ESTIMATES (see Charts 10 to 15 on page 8)

Trend estimates for all States have been revised upwards for recent months with the inclusion of June 1988 data. The largest upward revisions have been made to series for Victoria and Queensland.

Trend estimates for the three months ended June now show strong growth in Queensland (averaging +1.6% per month), moderate growth in Victoria (averaging +0.8%), and Western Australia (+0.5%); and negligible monthly growth in the remaining States.

Over the twelve months ended June 1988 and without allowance for price increases, national retail sales grew at an average monthly rate of 0.6%. Retail sales in Queensland grew by 1.3% — double the national average.

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

| Month | Original | | Seasonally adjusted | | Trend estimates(b) | | |
|---|-----------|-------------------------------|---------------------|-------------------------------|--------------------|-------------------------------|--|
| | \$m | % change from preceding month | \$m | % change from preceding month | \$m | % change from preceding month | % change from corresponding month of previous year |
| 1987 | | | | | | | |
| April | 4,651.2 | 3.0 | 4,855.0 | 2.2 | 4,799.5 | 0.7 | 7.5 |
| May | 4,787.7 | 2.9 | 4,740.5 | -2.4 | 4,839.5 | 0.8 | 7.4 |
| June | 4,582.6 | -4.3 | 4,860.8 | 2.5 | 4,885.4 | 0.9 | 7.4 |
| July | 4,912.0 | 7.2 | 5,028.5 | 3.5 | 4,933.5 | 1.0 | 7.4 |
| August | 4,675.6 | -4.8 | 4,969.8 | -1.2 | 4,977.8 | 0.9 | 7.6 |
| September | 4,832.5 | 3.4 | 5,008.8 | 0.8 | 5,011.1 | 0.7 | 7.8 |
| October | 5,123.3 | 6.0 | 5,025.1 | 0.3 | 5,036.0 | 0.5 | 7.9 |
| November | r 5,090.8 | r -0.6 | r 5,050.8 | 0.5 | 5,059.0 | 0.5 | 8.0 |
| December | r 7,012.1 | 37.7 | r 5,094.9 | 0.9 | 5,077.1 | 0.4 | 7.9 |
| 1988 | | | | | | | |
| January | r 4,801.7 | -31.5 | r 5,077.6 | -0.3 | 5,097.8 | 0.4 | 7.9 |
| February | r 4,657.5 | -3.0 | r 5,097.4 | 0.4 | 5,121.2 | 0.5 | 8.0 |
| March | r 5,133.9 | 10.2 | r 5,249.7 | 3.0 | 5,147.6 | 0.5 | 8.0 |
| April | r 4,947.0 | -3.6 | r 5,119.0 | -2.5 | 5,178.6 | 0.6 | 7.9 |
| May | r 5,099.0 | r 3.1 | r 5,084.4 | r -0.7 | 5,212.3 | 0.7 | 7.7 |
| June | 5,083.1 | -0.3 | 5,400.5 | 6.2 | 5,245.3 | 0.6 | 7.4 |
| <i>Standard error (c) of Latest month</i> | 31.9 | | | | | | |
| <i>Change from previous month</i> | 14.2 | 0.3 | | | | | |

(a) Excluding Northern Territory. (b) Subject to revision - see paragraphs 17 and 18 of Explanatory Notes. (c) See paragraphs 8 to 13 of Explanatory Notes.

TABLE 2. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), QUARTERLY ESTIMATES, AT CONSTANT (AVERAGE 1979-80) PRICES, AUSTRALIA (a)

| 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 |
| 1987 | | | | | | |
| June | 8,133.5 | 4.5 | -0.9 | 8,362.9 | 0.9 | -0.6 |
| September | 8,245.8 | 1.4 | 1.0 | 8,563.4 | 2.4 | 0.9 |
| December | r 9,728.9 | r 18.0 | r 2.9 | r 8,574.2 | r 0.1 | r 2.2 |
| 1988 | | | | | | |
| March | r 8,092.0 | -16.8 | r 4.0 | r 8,568.6 | -0.1 | r 3.4 |
| June | 8,203.9 | 1.4 | 0.9 | 8,439.8 | -1.5 | 0.9 |

(a) Excluding Northern Territory.

TABLE 3. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), MONTHLY ESTIMATES, BY INDUSTRY, AT CURRENT PRICES, AUSTRALIA (a)

| Month | Domestic | | | | | | | | | | Total | | | | | |
|----------------------------|--------------------------------------|---------------------------------------|-------------------|----------------|----------|-------------------|-----------------|----------------------------|-------------------------|------------------|-------|------------------------|----------|------------|-------|---------|
| | Grocers, confectioners, tobacconists | Hotels, liquor stores, licensed clubs | Other food stores | General stores | Butchers | Department stores | Footwear stores | Hardware stores, jewellers | Electrical goods stores | Furniture stores | | Floor coverings stores | Chemists | Newsagents | Other | |
| | ORIGINAL \$ million | | | | | | | | | | | | | | | |
| 1987 | | | | | | | | | | | | | | | | |
| April | 1,530.0 | 152.0 | 42.2 | 311.1 | 531.1 | 414.8 | 519.4 | 83.9 | 107.9 | 223.0 | 99.9 | 52.7 | 190.1 | 169.3 | 223.6 | 4,651.2 |
| May | 1,525.3 | 156.7 | 42.6 | 310.8 | 518.0 | 462.5 | 552.2 | 92.8 | 115.9 | 253.2 | 110.5 | 53.9 | 200.7 | 174.4 | 218.2 | 4,787.7 |
| June | 1,474.0 | 156.5 | 38.4 | 306.8 | 496.8 | 419.0 | 519.9 | 82.6 | 102.4 | 254.1 | 109.7 | 53.9 | 196.7 | 168.4 | 203.3 | 4,582.6 |
| July | 1,544.3 | 162.1 | 42.5 | 339.3 | 538.6 | 458.9 | 557.0 | 88.2 | 109.3 | 261.7 | 124.3 | 65.3 | 204.8 | 183.7 | 235.0 | 4,912.0 |
| August | 1,513.6 | 155.3 | 38.0 | 329.0 | 534.6 | 405.5 | 462.8 | 71.3 | 114.4 | 246.7 | 124.4 | 59.4 | 204.3 | 180.3 | 236.0 | 4,675.6 |
| September | 1,515.2 | 155.5 | 41.9 | 337.9 | 554.9 | 442.7 | 519.7 | 83.4 | 126.3 | 241.0 | 121.1 | 57.5 | 208.2 | 181.8 | 245.4 | 4,832.5 |
| October | 1,611.1 | 158.2 | 46.7 | 356.4 | 593.2 | 464.0 | 544.7 | 88.9 | 145.1 | 261.0 | 133.4 | 63.0 | 212.9 | 178.2 | 266.5 | 5,123.3 |
| November | 1,561.7 | 147.6 | 45.3 | 350.4 | 590.2 | 453.6 | 577.1 | 81.8 | 156.5 | 270.3 | 120.5 | 67.8 | 211.9 | 176.7 | 279.5 | 5,090.8 |
| December | 1,874.2 | 177.3 | 83.0 | 395.5 | 776.4 | 675.5 | 1,135.8 | 108.1 | 276.5 | 400.1 | 137.7 | 63.6 | 263.9 | 240.2 | 404.2 | 7,012.1 |
| 1988 | | | | | | | | | | | | | | | | |
| January | 1,548.9 | 141.5 | 40.5 | 364.9 | 626.2 | 360.8 | 485.5 | 88.5 | 128.7 | 241.3 | 114.3 | 48.7 | 203.0 | 167.7 | 240.8 | 4,801.7 |
| February | 1,529.8 | 140.9 | 38.6 | 338.2 | 560.8 | 378.9 | 421.8 | 79.0 | 128.1 | 249.9 | 115.2 | 59.0 | 195.3 | 184.7 | 236.8 | 4,657.5 |
| March | 1,676.7 | 155.0 | 45.8 | 361.9 | 607.5 | 422.6 | 523.6 | 84.6 | 133.7 | 274.8 | 122.2 | 69.0 | 210.8 | 190.9 | 254.3 | 5,133.9 |
| April | 1,606.0 | 143.9 | 46.0 | 356.8 | 577.9 | 431.4 | 554.6 | 95.0 | 123.0 | 249.1 | 108.5 | 54.1 | 201.2 | 161.8 | 237.3 | 4,947.0 |
| May | 1,578.1 | 148.0 | 47.2 | 358.3 | 555.9 | 475.8 | 574.7 | 102.3 | 132.0 | 288.4 | 130.2 | 64.2 | 212.1 | 179.8 | 252.1 | 5,099.0 |
| June | 1,592.6 | 157.2 | 45.0 | 360.3 | 554.6 | 462.6 | 562.3 | 94.3 | 127.9 | 281.6 | 129.6 | 68.5 | 224.0 | 170.5 | 252.2 | 5,083.1 |
| Standard error of Level(b) | 13.9 | 6.6 | 1.2 | 12.2 | 11.7 | 8.5 | 0.0 | 3.4 | 4.8 | 7.9 | 4.8 | 4.8 | 9.7 | 5.7 | 12.0 | 31.9 |
| Change(c) | 3.2 | 1.7 | 0.2 | 2.7 | 3.6 | 3.8 | 0.0 | 1.2 | 2.5 | 2.1 | 2.3 | 2.0 | 2.8 | 1.9 | 10.9 | 14.2 |
| | TREND ESTIMATES (c) \$ million | | | | | | | | | | | | | | | |
| 1987 | | | | | | | | | | | | | | | | |
| April | 1,541.0 | 156.2 | 41.5 | 320.1 | 548.5 | 416.6 | 544.8 | 81.7 | 127.0 | 247.1 | 112.6 | 55.1 | 199.4 | 178.3 | 234.7 | 4,799.5 |
| May | 1,543.2 | 157.6 | 41.5 | 324.5 | 551.2 | 426.3 | 549.2 | 82.1 | 128.8 | 250.6 | 113.5 | 56.3 | 201.7 | 182.3 | 238.3 | 4,839.5 |
| June | 1,543.3 | 158.5 | 41.9 | 329.7 | 555.3 | 438.1 | 553.5 | 82.8 | 131.8 | 253.4 | 116.2 | 57.3 | 203.8 | 185.4 | 241.9 | 4,885.4 |
| July | 1,544.2 | 158.4 | 42.6 | 335.4 | 560.9 | 448.9 | 556.8 | 83.4 | 135.0 | 256.1 | 119.2 | 58.1 | 205.8 | 187.2 | 245.7 | 4,933.5 |
| August | 1,549.1 | 157.3 | 43.7 | 340.8 | 568.0 | 455.2 | 559.1 | 83.9 | 137.7 | 258.5 | 121.6 | 58.5 | 207.4 | 187.4 | 249.8 | 4,977.8 |
| September | 1,556.4 | 155.4 | 45.0 | 344.5 | 574.8 | 456.7 | 561.3 | 84.4 | 139.2 | 260.6 | 122.6 | 58.5 | 208.4 | 185.7 | 253.7 | 5,011.1 |
| October | 1,565.5 | 153.3 | 46.2 | 346.2 | 581.0 | 454.8 | 564.3 | 85.2 | 139.7 | 263.4 | 122.2 | 58.6 | 208.9 | 183.3 | 257.0 | 5,036.0 |
| November | 1,575.8 | 151.6 | 47.1 | 346.8 | 586.0 | 451.4 | 568.8 | 86.7 | 139.5 | 267.0 | 121.0 | 59.1 | 209.3 | 180.6 | 259.0 | 5,059.0 |
| December | 1,586.5 | 150.4 | 47.6 | 347.2 | 589.8 | 447.8 | 572.9 | 88.5 | 139.2 | 271.2 | 119.9 | 60.0 | 209.3 | 178.4 | 259.3 | 5,077.1 |
| 1988 | | | | | | | | | | | | | | | | |
| January | 1,597.0 | 150.0 | 47.7 | 348.9 | 592.7 | 445.7 | 575.6 | 90.3 | 139.6 | 275.2 | 119.7 | 61.2 | 209.8 | 177.6 | 259.1 | 5,097.8 |
| February | 1,607.4 | 150.4 | 47.5 | 352.5 | 594.8 | 445.5 | 575.7 | 91.4 | 141.4 | 278.2 | 121.0 | 62.5 | 211.3 | 178.4 | 259.9 | 5,121.2 |
| March | 1,616.8 | 151.1 | 47.1 | 357.7 | 596.5 | 446.4 | 575.2 | 91.9 | 144.3 | 280.3 | 123.0 | 63.4 | 213.9 | 180.0 | 262.1 | 5,147.6 |
| April | 1,624.8 | 151.9 | 46.8 | 364.2 | 598.1 | 447.2 | 576.7 | 92.0 | 147.6 | 282.2 | 125.2 | 64.0 | 216.9 | 181.8 | 266.2 | 5,178.6 |
| May | 1,631.0 | 152.9 | 46.6 | 370.9 | 599.7 | 448.4 | 580.0 | 92.0 | 150.9 | 283.6 | 127.7 | 64.6 | 220.1 | 183.6 | 271.1 | 5,212.3 |
| June | 1,635.2 | 154.0 | 46.4 | 376.8 | 600.6 | 449.7 | 583.8 | 92.1 | 154.3 | 285.3 | 129.7 | 65.1 | 223.5 | 185.1 | 276.8 | 5,245.3 |

See footnotes at end of table.

TABLE 3. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.),
MONTHLY ESTIMATES, BY INDUSTRY, AT CURRENT PRICES, AUSTRALIA (a) - continued

| Month | Domestic | | | | | | | | | | Total | | | | | |
|--|--|---|-------------------------|-------------------|----------|--------------------------------------|----------------------|--------------------|----------------------------------|-------------------------------|-------|---------------------|------------------------------|----------|------------|-------|
| | Grocers, confectioners, tobacco- onists | Hotels, liquor stores, licensed clubs | Other food stores | General stores | Butchers | Clothing and fabrics stores | Department stores | Footwear stores | Hardware stores, jewellers | Electrical goods stores | | Furniture stores | Floor coverings stores | Chemists | Newsagents | Other |
| TREND ESTIMATES (d) | | | | | | | | | | | | | | | | |
| % change from preceding month | | | | | | | | | | | | | | | | |
| 1987 | | | | | | | | | | | | | | | | |
| April | 0.4 | 1.0 | -0.7 | 0.9 | 0.4 | 1.3 | 0.6 | 0.2 | 0.7 | 1.9 | -1.0 | 2.2 | 1.3 | 2.2 | 1.4 | 0.7 |
| May | 0.1 | 0.9 | 0.0 | 1.4 | 0.5 | 2.3 | 0.8 | 0.5 | 1.4 | 1.4 | 0.8 | 2.2 | 1.2 | 2.2 | 1.5 | 0.8 |
| June | 0.0 | 0.6 | 1.0 | 1.6 | 0.7 | 2.8 | 0.8 | 0.9 | 2.3 | 1.1 | 2.4 | 1.8 | 1.0 | 1.7 | 1.5 | 0.9 |
| July | 0.1 | -0.1 | 1.7 | 1.7 | 1.0 | 2.5 | 0.6 | 0.7 | 2.4 | 1.1 | 2.6 | 1.4 | 1.0 | 1.0 | 1.6 | 1.0 |
| August | 0.3 | -0.7 | 2.6 | 1.6 | 1.3 | 1.4 | 0.4 | 0.6 | 2.0 | 0.9 | 2.0 | 0.7 | 0.8 | 0.1 | 1.7 | 0.9 |
| September | 0.5 | -1.2 | 3.0 | 1.1 | 1.2 | 0.3 | 0.4 | 0.6 | 1.1 | 0.8 | 0.8 | 0.0 | 0.5 | -0.9 | 1.6 | 0.7 |
| October | 0.6 | -1.4 | 2.7 | 0.5 | 1.1 | -0.4 | 0.5 | 0.9 | 0.4 | 1.1 | -0.3 | 0.2 | 0.2 | -1.3 | 1.3 | 0.5 |
| November | 0.7 | -1.1 | 1.9 | 0.2 | 0.9 | -0.7 | 0.8 | 1.8 | -0.1 | 1.4 | -1.0 | 0.9 | 0.2 | -1.5 | 0.8 | 0.5 |
| December | 0.7 | -0.8 | 1.1 | 0.1 | 0.6 | -0.8 | 0.7 | 2.1 | -0.2 | 1.6 | -0.9 | 1.5 | 0.0 | -1.2 | 0.1 | 0.4 |
| 1988 | | | | | | | | | | | | | | | | |
| January | 0.7 | -0.3 | 0.2 | 0.5 | 0.5 | -0.5 | 0.5 | 2.0 | 0.3 | 1.5 | -0.2 | 2.0 | 0.2 | -0.4 | -0.1 | 0.4 |
| February | 0.7 | 0.3 | -0.4 | 1.0 | 0.4 | 0.0 | 0.0 | 1.2 | 1.3 | 1.1 | 1.1 | 2.1 | 0.7 | 0.5 | 0.3 | 0.5 |
| March | 0.6 | 0.5 | -0.8 | 1.5 | 0.3 | 0.2 | -0.1 | 0.5 | 2.1 | 0.8 | 1.7 | 1.4 | 1.2 | 0.9 | 0.8 | 0.5 |
| April | 0.5 | 0.5 | -0.6 | 1.8 | 0.3 | 0.2 | 0.3 | 0.1 | 2.3 | 0.7 | 1.8 | 0.9 | 1.4 | 1.0 | 1.6 | 0.6 |
| May | 0.4 | 0.7 | -0.4 | 1.8 | 0.3 | 0.3 | 0.6 | 0.0 | 2.2 | 0.5 | 2.0 | 0.9 | 1.5 | 1.0 | 1.8 | 0.7 |
| June | 0.3 | 0.7 | -0.4 | 1.6 | 0.2 | 0.3 | 0.7 | 0.1 | 2.3 | 0.6 | 1.6 | 0.8 | 1.5 | 0.8 | 2.1 | 0.6 |
| TREND ESTIMATES (d) | | | | | | | | | | | | | | | | |
| % change from corresponding month of previous year | | | | | | | | | | | | | | | | |
| 1987 | | | | | | | | | | | | | | | | |
| April | 7.7 | 2.0 | 0.2 | 12.4 | 6.1 | 4.4 | 10.6 | 10.3 | 8.0 | 2.7 | -8.5 | 15.0 | 12.8 | 15.6 | 11.2 | 7.5 |
| May | 6.8 | 2.2 | 1.0 | 12.2 | 6.7 | 5.6 | 10.3 | 8.7 | 8.5 | 1.7 | -8.5 | 15.4 | 13.0 | 17.5 | 10.0 | 7.4 |
| June | 6.0 | 2.2 | 1.9 | 12.6 | 7.4 | 7.0 | 9.5 | 7.1 | 9.9 | 0.7 | -7.0 | 16.2 | 12.9 | 19.0 | 8.7 | 7.4 |
| July | 5.4 | 1.9 | 2.7 | 13.2 | 8.2 | 8.2 | 8.3 | 5.6 | 11.8 | 0.8 | -4.9 | 18.1 | 12.6 | 19.4 | 7.8 | 7.4 |
| August | 5.3 | 1.3 | 3.6 | 13.9 | 9.1 | 8.9 | 7.1 | 4.6 | 13.1 | 2.4 | -2.7 | 19.9 | 12.1 | 18.5 | 7.8 | 7.6 |
| September | 5.6 | 0.6 | 5.1 | 14.1 | 9.7 | 9.0 | 6.2 | 4.3 | 13.2 | 5.3 | -1.4 | 21.4 | 11.4 | 16.3 | 8.7 | 7.8 |
| October | 5.9 | -0.2 | 7.2 | 13.5 | 10.0 | 8.8 | 5.8 | 4.9 | 12.4 | 8.9 | -1.2 | 21.8 | 10.6 | 13.6 | 10.4 | 7.9 |
| November | 6.1 | -0.9 | 9.0 | 12.6 | 10.1 | 8.4 | 5.7 | 6.4 | 11.2 | 12.5 | -1.5 | 21.1 | 10.0 | 10.5 | 12.1 | 8.0 |
| December | 6.0 | -1.4 | 11.0 | 11.7 | 9.9 | 8.2 | 6.0 | 8.3 | 10.5 | 15.4 | -1.1 | 20.0 | 9.4 | 7.8 | 13.0 | 7.9 |
| 1988 | | | | | | | | | | | | | | | | |
| January | 5.7 | -1.8 | 12.2 | 11.4 | 9.6 | 8.5 | 6.6 | 10.5 | 10.7 | 17.0 | 0.8 | 19.3 | 8.9 | 5.7 | 13.3 | 7.9 |
| February | 5.5 | -1.9 | 12.8 | 11.9 | 9.3 | 8.8 | 6.6 | 12.1 | 12.2 | 16.9 | 4.3 | 18.8 | 8.6 | 4.3 | 13.4 | 8.0 |
| March | 5.3 | -2.3 | 12.7 | 12.8 | 9.2 | 8.6 | 6.3 | 12.8 | 14.4 | 15.6 | 8.2 | 17.6 | 8.6 | 3.2 | 13.3 | 8.0 |
| April | 5.4 | -2.8 | 12.8 | 13.8 | 9.0 | 7.3 | 5.9 | 12.6 | 16.2 | 14.2 | 11.2 | 16.2 | 8.8 | 2.0 | 13.4 | 7.9 |
| May | 5.7 | -3.0 | 12.3 | 14.3 | 8.8 | 5.2 | 5.6 | 12.1 | 17.2 | 13.2 | 12.5 | 14.7 | 9.1 | 0.7 | 13.8 | 7.7 |
| June | 6.0 | -2.8 | 10.7 | 14.3 | 8.2 | 2.6 | 5.5 | 11.2 | 17.1 | 12.6 | 11.6 | 13.6 | 9.7 | -0.2 | 14.4 | 7.4 |

(a) Excluding Northern Territory. (b) The standard error of the estimate for the latest month - see paragraphs 8 to 13 of Explanatory Notes. (c) The standard error of the change of the latest month from the preceding month - see paragraphs 8 to 13 of Explanatory Notes. (d) Subject to revision - see paragraphs 17 and 18 of Explanatory Notes.

TABLE 4. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), MONTHLY ESTIMATES, AT CURRENT PRICES, AUSTRALIA(a), STATES AND A.C.T.

| Month | New South Wales | Victoria | Queensland | South Australia | Western Australia | Tasmania | Australian Capital Territory | Australia(a) |
|-----------|-------------------------------|-----------|------------|-----------------|-------------------|----------|------------------------------|--------------|
| | ORIGINAL \$million | | | | | | | |
| 1987 | | | | | | | | |
| April | 1,645.5 | 1,244.0 | 732.9 | 390.0 | 427.5 | 127.3 | 84.1 | 4,651.2 |
| May | 1,705.5 | 1,282.9 | 742.5 | 395.3 | 446.9 | 128.0 | 86.6 | 4,787.7 |
| June | 1,643.8 | 1,213.1 | 719.6 | 378.2 | 419.8 | 124.8 | 83.4 | 4,582.6 |
| July | 1,744.3 | 1,303.9 | 798.6 | 404.0 | 443.0 | 128.2 | 89.9 | 4,912.0 |
| August | 1,670.5 | 1,235.4 | 756.9 | 385.9 | 422.1 | 121.1 | 83.6 | 4,675.6 |
| September | 1,722.1 | 1,271.1 | 786.6 | 395.7 | 442.3 | 126.4 | 88.4 | 4,832.5 |
| October | 1,814.9 | 1,357.7 | 840.1 | 414.0 | 472.2 | 135.0 | 89.5 | 5,123.3 |
| November | 1,844.4 | 1,329.5 | 823.1 | 409.1 | 457.9 | 133.5 | r 92.4 | r 5,090.8 |
| December | 2,509.0 | 1,875.9 | 1,112.8 | 552.4 | 644.7 | 192.9 | r 124.4 | r 7,012.1 |
| 1988 | | | | | | | | |
| January | 1,746.5 | 1,226.8 | 810.4 | 378.3 | 433.3 | 127.2 | r 78.9 | r 4,801.7 |
| February | 1,690.0 | 1,222.2 | 756.8 | 365.1 | 411.6 | 128.4 | r 83.1 | r 4,657.5 |
| March | 1,842.4 | 1,347.5 | 842.8 | 414.7 | 456.2 | 140.0 | r 89.8 | r 5,133.9 |
| April | 1,767.5 | 1,309.7 | 805.8 | 386.7 | 456.7 | 131.9 | r 88.4 | r 4,947.0 |
| May | 1,821.1 | r 1,332.5 | r 858.8 | r 403.1 | 458.1 | 134.6 | r 80.8 | r 5,099.0 |
| June | 1,790.1 | 1,322.1 | 896.1 | 401.9 | 450.5 | 134.9 | 87.7 | 5,083.1 |
| | 21.6 | 17.6 | 12.6 | 5.8 | 5.9 | 1.8 | 2.4 | 31.9 |
| Level(b) | 11.5 | 6.3 | 4.4 | 1.9 | 1.8 | 0.7 | 0.9 | 14.2 |
| Change(c) | | | | | | | | |
| | TREND ESTIMATES(d) \$ million | | | | | | | |
| 1987 | | | | | | | | |
| April | 1,710.1 | 1,276.5 | 766.8 | 392.8 | 439.6 | 128.2 | 85.8 | 4,799.5 |
| May | 1,726.1 | 1,291.7 | 768.5 | 396.1 | 442.3 | 129.6 | 86.4 | 4,839.5 |
| June | 1,744.0 | 1,308.2 | 773.5 | 400.1 | 444.6 | 130.5 | 86.9 | 4,885.4 |
| July | 1,760.4 | 1,323.2 | 781.9 | 404.1 | 447.5 | 130.9 | 87.5 | 4,933.5 |
| August | 1,773.6 | 1,333.8 | 792.1 | 407.3 | 451.7 | 131.4 | 88.2 | 4,977.8 |
| September | 1,783.8 | 1,337.4 | 802.1 | 408.7 | 456.1 | 132.1 | 88.9 | 5,011.1 |
| October | 1,794.5 | 1,335.3 | 811.3 | 409.0 | 459.6 | 133.3 | 89.7 | 5,036.0 |
| November | 1,808.3 | 1,330.6 | 819.3 | 408.7 | 461.8 | 134.9 | 90.6 | 5,059.0 |
| December | 1,824.1 | 1,325.4 | 826.1 | 407.7 | 462.0 | 136.3 | 91.2 | 5,077.1 |
| 1988 | | | | | | | | |
| January | 1,839.5 | 1,324.2 | 834.3 | 407.0 | 461.2 | 137.3 | 91.6 | 5,097.8 |
| February | 1,851.6 | 1,328.1 | 844.9 | 406.8 | 460.8 | 137.9 | 91.6 | 5,121.2 |
| March | 1,859.5 | 1,335.6 | 857.8 | 406.6 | 461.8 | 138.3 | 91.3 | 5,147.6 |
| April | 1,864.3 | 1,345.6 | 872.7 | 406.5 | 464.2 | 138.6 | 90.9 | 5,178.6 |
| May | 1,867.6 | 1,357.2 | 887.9 | 406.6 | 467.2 | 138.9 | 90.5 | 5,212.3 |
| June | 1,870.4 | 1,368.2 | 901.5 | 407.2 | 469.4 | 139.1 | 90.2 | 5,245.3 |

See footnotes at end of table.

TABLE 4. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), MONTHLY ESTIMATES, AT CURRENT PRICES, AUSTRALIA (a), STATES AND A.C.T. - continued

| Month | TREND ESTIMATES(d) % change from preceding month | | | | | | | |
|-------------|---|----------|------------|-----------------|-------------------|----------|------------------------------|--------------|
| | New South Wales | Victoria | Queensland | South Australia | Western Australia | Tasmania | Australian Capital Territory | Australia(a) |
| 1987 | | | | | | | | |
| April | 0.8 | 0.8 | 0.1 | 0.6 | 0.7 | 1.4 | 0.8 | 0.7 |
| May | 0.9 | 1.2 | 0.2 | 0.8 | 0.6 | 1.1 | 0.7 | 0.8 |
| June | 1.0 | 1.3 | 0.7 | 1.0 | 0.5 | 0.7 | 0.6 | 0.9 |
| July | 0.9 | 1.1 | 1.1 | 1.0 | 0.7 | 0.3 | 0.7 | 1.0 |
| August | 0.7 | 0.8 | 1.3 | 0.8 | 0.9 | 0.4 | 0.8 | 0.9 |
| September | 0.6 | 0.3 | 1.3 | 0.3 | 1.0 | 0.5 | 0.8 | 0.7 |
| October | 0.6 | -0.2 | 1.1 | 0.1 | 0.8 | 0.9 | 0.9 | 0.5 |
| November | 0.8 | -0.4 | 1.0 | -0.1 | 0.5 | 1.2 | 1.0 | 0.5 |
| December | 0.9 | -0.4 | 0.8 | -0.2 | 0.0 | 1.0 | 0.7 | 0.4 |
| 1988 | | | | | | | | |
| January | 0.8 | -0.1 | 1.0 | -0.2 | -0.2 | 0.7 | 0.4 | 0.4 |
| February | 0.7 | 0.3 | 1.3 | 0.0 | -0.1 | 0.4 | 0.0 | 0.5 |
| March | 0.4 | 0.6 | 1.5 | 0.0 | 0.2 | 0.3 | -0.3 | 0.5 |
| April | 0.3 | 0.7 | 1.7 | 0.0 | 0.5 | 0.2 | -0.4 | 0.6 |
| May | 0.2 | 0.9 | 1.7 | 0.0 | 0.6 | 0.2 | -0.4 | 0.7 |
| June | 0.1 | 0.8 | 1.5 | 0.1 | 0.5 | 0.1 | -0.3 | 0.6 |
| 1987 | | | | | | | | |
| April | 8.8 | 7.4 | 5.3 | 3.1 | 9.4 | 9.4 | 8.6 | 7.5 |
| May | 8.5 | 7.0 | 5.0 | 3.6 | 9.9 | 9.9 | 7.7 | 7.4 |
| June | 8.1 | 7.0 | 5.3 | 4.5 | 10.2 | 9.6 | 6.6 | 7.4 |
| July | 7.7 | 7.1 | 6.1 | 5.5 | 10.5 | 8.7 | 6.1 | 7.4 |
| August | 7.6 | 7.3 | 7.2 | 6.3 | 10.9 | 8.1 | 6.3 | 7.6 |
| September | 7.7 | 7.1 | 8.1 | 6.6 | 10.9 | 8.0 | 7.5 | 7.8 |
| October | 7.9 | 6.8 | 8.6 | 6.6 | 10.5 | 8.8 | 9.1 | 7.9 |
| November | 8.4 | 6.2 | 8.8 | 6.3 | 9.8 | 10.2 | 10.5 | 8.0 |
| December | 9.0 | 5.6 | 8.8 | 5.6 | 8.8 | 11.3 | 10.9 | 7.9 |
| 1988 | | | | | | | | |
| January | 9.6 | 5.3 | 9.2 | 5.0 | 7.5 | 11.4 | 10.4 | 7.9 |
| February | 9.8 | 5.4 | 10.4 | 4.6 | 6.5 | 10.7 | 8.9 | 8.0 |
| March | 9.6 | 5.5 | 11.9 | 4.1 | 5.8 | 9.4 | 7.3 | 8.0 |
| April | 9.0 | 5.4 | 13.8 | 3.5 | 5.6 | 8.1 | 5.9 | 7.9 |
| May | 8.2 | 5.1 | 15.5 | 2.7 | 5.6 | 7.2 | 4.7 | 7.7 |
| June | 7.2 | 4.6 | 16.5 | 1.8 | 5.6 | 6.6 | 3.8 | 7.4 |

(a) Excluding Northern Territory. (b) The standard error of the estimate for the latest month - see paragraphs 8 to 13 of Explanatory Notes. (c) The standard error of the change of the latest month from the preceding month - see paragraphs 8 to 13 of Explanatory Notes. (d) Subject to revision - see paragraphs 17 and 18 of Explanatory Notes.

TOTAL VALUE OF RETAIL SALES OF GOODS
(excluding motor vehicles, parts, petrol, etc.)
TREND ESTIMATES, MONTHLY CHANGES
CURRENT PRICES, STATES
Percentage change from preceding month

CHART 10 : NEW SOUTH WALES

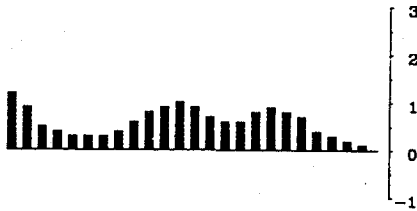


CHART 11 : VICTORIA

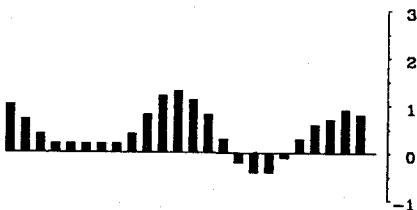


CHART 12 : QUEENSLAND

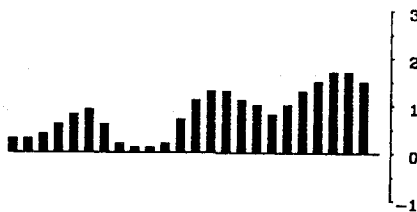


CHART 13 : SOUTH AUSTRALIA

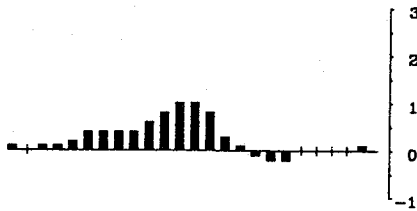


CHART 14 : WESTERN AUSTRALIA

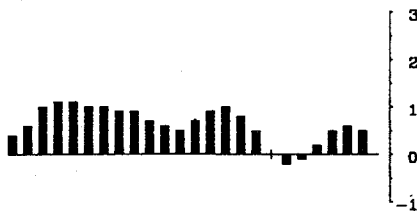
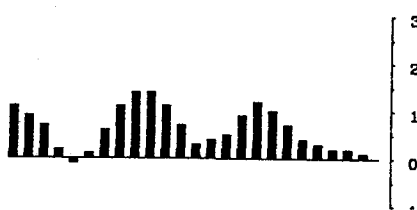


CHART 15 : TASMANIA



J A S O N D J F M A M J J A S O N D J F M A M J
1986 1987 1988

TABLE 5. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.),
MONTHLY ESTIMATES, BY INDUSTRY, STATES AND ACT (\$ million)

| Month | Grocers, | | Hotels, | | Clothing | | Department | | Foot- | | Domestic | | Floor | | Chem- | | News- | | Other | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|----------|----------|---------|---------|----------|---------|------------|------|-------|------------|----------|------|------------|--------|-------|---------|---------------------|-------|-------|-------|-----------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|---------|---------------------|-------|------|---------|------------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|---------|---------------------|-------|------|---------|------------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|---------|---------------------|-------|------|---------|------------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|---------|---------------------|-------|------|---------|------------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|---------|---------------------|-------|------|---------|------------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|---------|----------|-------|------|---------|---------------------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|---------|----------|-------|------|---------|---------------------|-------|-------|-------|-----------|-------|-------|-------|------|-------|------|-------|---------|------|------|-------|---------|---------------------|-------|------|------|------------|-------|-------|-------|------|-------|-------|------|------|-------|------|-------|---------|---------------------|-------|------|------|------------|-------|-------|-------|------|------|------|------|------|------|------|------|---------|---------------------|-------|------|------|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|-------|------|---------|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|-------|------|---------|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|-------|------|---------|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|-------|------|---------|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|------|------|---------|------------|-------|------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|---------|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------------|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | confect- | to bacc- | liquor | stores, | and | stores, | ment | wear | hard- | Electrical | Furn- | ware | Electrical | cover- | ists | agents | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW SOUTH WALES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1987 | | | | | | | | | | | | | | | | | | | | | April | 465.1 | 67.3 | 9.2 | 115.1 | 201.0 | 149.5 | 206.7 | 30.9 | 40.7 | 71.6 | 36.0 | 20.3 | 79.0 | 69.6 | 83.5 | 1,645.5 | May | 469.5 | 69.5 | 9.6 | 114.3 | 193.0 | 173.5 | 219.8 | 34.2 | 44.5 | 80.6 | 38.9 | 18.7 | 83.4 | 71.7 | 84.1 | 1,705.5 | June | 452.9 | 69.2 | 8.9 | 113.7 | 185.5 | 153.1 | 218.0 | 30.2 | 36.7 | 84.5 | 37.8 | 18.8 | 82.5 | 69.2 | 82.8 | 1,643.8 | July | 469.7 | 73.3 | 10.4 | 125.1 | 200.7 | 159.9 | 231.3 | 31.5 | 40.6 | 79.6 | 44.4 | 22.9 | 84.4 | 80.1 | 90.5 | 1,744.3 | August | 473.2 | 71.4 | 9.3 | 122.9 | 199.5 | 142.1 | 193.4 | 24.2 | 41.4 | 74.0 | 45.1 | 19.8 | 83.8 | 77.3 | 93.2 | 1,670.5 | September | 469.5 | 70.9 | 9.9 | 126.7 | 204.0 | 160.0 | 211.5 | 30.0 | 46.6 | 75.6 | 43.3 | 18.2 | 87.0 | 76.0 | 93.0 | 1,722.1 | October | 488.5 | 72.5 | 13.7 | 127.3 | 226.0 | 167.9 | 215.8 | 32.1 | 58.2 | 83.4 | 47.2 | 21.7 | 86.8 | 75.4 | 98.4 | 1,814.9 | November | 488.0 | 66.3 | 13.6 | 127.6 | 223.3 | 164.1 | 245.9 | 29.6 | 63.8 | 86.5 | 47.0 | 23.2 | 88.8 | 73.7 | 102.8 | 1,844.4 | December | 576.3 | 80.9 | 21.4 | 138.7 | 290.8 | 241.7 | 453.6 | 37.9 | 107.3 | 136.0 | 52.6 | 23.5 | 107.1 | 93.7 | 147.6 | 2,509.0 | 1988 | | | | | | | | | | | | | | | | | | | | | January | 488.3 | 67.8 | 11.7 | 136.2 | 238.7 | 139.7 | 186.3 | 30.9 | 53.4 | 77.8 | 43.8 | 18.7 | 88.3 | 67.8 | 97.1 | 1,746.5 | February | 476.1 | 65.7 | 12.0 | 123.5 | 210.0 | 136.6 | 180.5 | 27.0 | 49.7 | 80.9 | 45.2 | 22.4 | 82.7 | 83.3 | 94.5 | 1,690.0 | March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 |
| April | 465.1 | 67.3 | 9.2 | 115.1 | 201.0 | 149.5 | 206.7 | 30.9 | 40.7 | 71.6 | 36.0 | 20.3 | 79.0 | 69.6 | 83.5 | 1,645.5 | May | 469.5 | 69.5 | 9.6 | 114.3 | 193.0 | 173.5 | 219.8 | 34.2 | 44.5 | 80.6 | 38.9 | 18.7 | 83.4 | 71.7 | 84.1 | 1,705.5 | June | 452.9 | 69.2 | 8.9 | 113.7 | 185.5 | 153.1 | 218.0 | 30.2 | 36.7 | 84.5 | 37.8 | 18.8 | 82.5 | 69.2 | 82.8 | 1,643.8 | July | 469.7 | 73.3 | 10.4 | 125.1 | 200.7 | 159.9 | 231.3 | 31.5 | 40.6 | 79.6 | 44.4 | 22.9 | 84.4 | 80.1 | 90.5 | 1,744.3 | August | 473.2 | 71.4 | 9.3 | 122.9 | 199.5 | 142.1 | 193.4 | 24.2 | 41.4 | 74.0 | 45.1 | 19.8 | 83.8 | 77.3 | 93.2 | 1,670.5 | September | 469.5 | 70.9 | 9.9 | 126.7 | 204.0 | 160.0 | 211.5 | 30.0 | 46.6 | 75.6 | 43.3 | 18.2 | 87.0 | 76.0 | 93.0 | 1,722.1 | October | 488.5 | 72.5 | 13.7 | 127.3 | 226.0 | 167.9 | 215.8 | 32.1 | 58.2 | 83.4 | 47.2 | 21.7 | 86.8 | 75.4 | 98.4 | 1,814.9 | November | 488.0 | 66.3 | 13.6 | 127.6 | 223.3 | 164.1 | 245.9 | 29.6 | 63.8 | 86.5 | 47.0 | 23.2 | 88.8 | 73.7 | 102.8 | 1,844.4 | December | 576.3 | 80.9 | 21.4 | 138.7 | 290.8 | 241.7 | 453.6 | 37.9 | 107.3 | 136.0 | 52.6 | 23.5 | 107.1 | 93.7 | 147.6 | 2,509.0 | 1988 | | | | | | | | | | | | | | | | | | | | | January | 488.3 | 67.8 | 11.7 | 136.2 | 238.7 | 139.7 | 186.3 | 30.9 | 53.4 | 77.8 | 43.8 | 18.7 | 88.3 | 67.8 | 97.1 | 1,746.5 | February | 476.1 | 65.7 | 12.0 | 123.5 | 210.0 | 136.6 | 180.5 | 27.0 | 49.7 | 80.9 | 45.2 | 22.4 | 82.7 | 83.3 | 94.5 | 1,690.0 | March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | |
| May | 469.5 | 69.5 | 9.6 | 114.3 | 193.0 | 173.5 | 219.8 | 34.2 | 44.5 | 80.6 | 38.9 | 18.7 | 83.4 | 71.7 | 84.1 | 1,705.5 | June | 452.9 | 69.2 | 8.9 | 113.7 | 185.5 | 153.1 | 218.0 | 30.2 | 36.7 | 84.5 | 37.8 | 18.8 | 82.5 | 69.2 | 82.8 | 1,643.8 | July | 469.7 | 73.3 | 10.4 | 125.1 | 200.7 | 159.9 | 231.3 | 31.5 | 40.6 | 79.6 | 44.4 | 22.9 | 84.4 | 80.1 | 90.5 | 1,744.3 | August | 473.2 | 71.4 | 9.3 | 122.9 | 199.5 | 142.1 | 193.4 | 24.2 | 41.4 | 74.0 | 45.1 | 19.8 | 83.8 | 77.3 | 93.2 | 1,670.5 | September | 469.5 | 70.9 | 9.9 | 126.7 | 204.0 | 160.0 | 211.5 | 30.0 | 46.6 | 75.6 | 43.3 | 18.2 | 87.0 | 76.0 | 93.0 | 1,722.1 | October | 488.5 | 72.5 | 13.7 | 127.3 | 226.0 | 167.9 | 215.8 | 32.1 | 58.2 | 83.4 | 47.2 | 21.7 | 86.8 | 75.4 | 98.4 | 1,814.9 | November | 488.0 | 66.3 | 13.6 | 127.6 | 223.3 | 164.1 | 245.9 | 29.6 | 63.8 | 86.5 | 47.0 | 23.2 | 88.8 | 73.7 | 102.8 | 1,844.4 | December | 576.3 | 80.9 | 21.4 | 138.7 | 290.8 | 241.7 | 453.6 | 37.9 | 107.3 | 136.0 | 52.6 | 23.5 | 107.1 | 93.7 | 147.6 | 2,509.0 | 1988 | | | | | | | | | | | | | | | | | | | | | January | 488.3 | 67.8 | 11.7 | 136.2 | 238.7 | 139.7 | 186.3 | 30.9 | 53.4 | 77.8 | 43.8 | 18.7 | 88.3 | 67.8 | 97.1 | 1,746.5 | February | 476.1 | 65.7 | 12.0 | 123.5 | 210.0 | 136.6 | 180.5 | 27.0 | 49.7 | 80.9 | 45.2 | 22.4 | 82.7 | 83.3 | 94.5 | 1,690.0 | March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| June | 452.9 | 69.2 | 8.9 | 113.7 | 185.5 | 153.1 | 218.0 | 30.2 | 36.7 | 84.5 | 37.8 | 18.8 | 82.5 | 69.2 | 82.8 | 1,643.8 | July | 469.7 | 73.3 | 10.4 | 125.1 | 200.7 | 159.9 | 231.3 | 31.5 | 40.6 | 79.6 | 44.4 | 22.9 | 84.4 | 80.1 | 90.5 | 1,744.3 | August | 473.2 | 71.4 | 9.3 | 122.9 | 199.5 | 142.1 | 193.4 | 24.2 | 41.4 | 74.0 | 45.1 | 19.8 | 83.8 | 77.3 | 93.2 | 1,670.5 | September | 469.5 | 70.9 | 9.9 | 126.7 | 204.0 | 160.0 | 211.5 | 30.0 | 46.6 | 75.6 | 43.3 | 18.2 | 87.0 | 76.0 | 93.0 | 1,722.1 | October | 488.5 | 72.5 | 13.7 | 127.3 | 226.0 | 167.9 | 215.8 | 32.1 | 58.2 | 83.4 | 47.2 | 21.7 | 86.8 | 75.4 | 98.4 | 1,814.9 | November | 488.0 | 66.3 | 13.6 | 127.6 | 223.3 | 164.1 | 245.9 | 29.6 | 63.8 | 86.5 | 47.0 | 23.2 | 88.8 | 73.7 | 102.8 | 1,844.4 | December | 576.3 | 80.9 | 21.4 | 138.7 | 290.8 | 241.7 | 453.6 | 37.9 | 107.3 | 136.0 | 52.6 | 23.5 | 107.1 | 93.7 | 147.6 | 2,509.0 | 1988 | | | | | | | | | | | | | | | | | | | | | January | 488.3 | 67.8 | 11.7 | 136.2 | 238.7 | 139.7 | 186.3 | 30.9 | 53.4 | 77.8 | 43.8 | 18.7 | 88.3 | 67.8 | 97.1 | 1,746.5 | February | 476.1 | 65.7 | 12.0 | 123.5 | 210.0 | 136.6 | 180.5 | 27.0 | 49.7 | 80.9 | 45.2 | 22.4 | 82.7 | 83.3 | 94.5 | 1,690.0 | March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| July | 469.7 | 73.3 | 10.4 | 125.1 | 200.7 | 159.9 | 231.3 | 31.5 | 40.6 | 79.6 | 44.4 | 22.9 | 84.4 | 80.1 | 90.5 | 1,744.3 | August | 473.2 | 71.4 | 9.3 | 122.9 | 199.5 | 142.1 | 193.4 | 24.2 | 41.4 | 74.0 | 45.1 | 19.8 | 83.8 | 77.3 | 93.2 | 1,670.5 | September | 469.5 | 70.9 | 9.9 | 126.7 | 204.0 | 160.0 | 211.5 | 30.0 | 46.6 | 75.6 | 43.3 | 18.2 | 87.0 | 76.0 | 93.0 | 1,722.1 | October | 488.5 | 72.5 | 13.7 | 127.3 | 226.0 | 167.9 | 215.8 | 32.1 | 58.2 | 83.4 | 47.2 | 21.7 | 86.8 | 75.4 | 98.4 | 1,814.9 | November | 488.0 | 66.3 | 13.6 | 127.6 | 223.3 | 164.1 | 245.9 | 29.6 | 63.8 | 86.5 | 47.0 | 23.2 | 88.8 | 73.7 | 102.8 | 1,844.4 | December | 576.3 | 80.9 | 21.4 | 138.7 | 290.8 | 241.7 | 453.6 | 37.9 | 107.3 | 136.0 | 52.6 | 23.5 | 107.1 | 93.7 | 147.6 | 2,509.0 | 1988 | | | | | | | | | | | | | | | | | | | | | January | 488.3 | 67.8 | 11.7 | 136.2 | 238.7 | 139.7 | 186.3 | 30.9 | 53.4 | 77.8 | 43.8 | 18.7 | 88.3 | 67.8 | 97.1 | 1,746.5 | February | 476.1 | 65.7 | 12.0 | 123.5 | 210.0 | 136.6 | 180.5 | 27.0 | 49.7 | 80.9 | 45.2 | 22.4 | 82.7 | 83.3 | 94.5 | 1,690.0 | March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| August | 473.2 | 71.4 | 9.3 | 122.9 | 199.5 | 142.1 | 193.4 | 24.2 | 41.4 | 74.0 | 45.1 | 19.8 | 83.8 | 77.3 | 93.2 | 1,670.5 | September | 469.5 | 70.9 | 9.9 | 126.7 | 204.0 | 160.0 | 211.5 | 30.0 | 46.6 | 75.6 | 43.3 | 18.2 | 87.0 | 76.0 | 93.0 | 1,722.1 | October | 488.5 | 72.5 | 13.7 | 127.3 | 226.0 | 167.9 | 215.8 | 32.1 | 58.2 | 83.4 | 47.2 | 21.7 | 86.8 | 75.4 | 98.4 | 1,814.9 | November | 488.0 | 66.3 | 13.6 | 127.6 | 223.3 | 164.1 | 245.9 | 29.6 | 63.8 | 86.5 | 47.0 | 23.2 | 88.8 | 73.7 | 102.8 | 1,844.4 | December | 576.3 | 80.9 | 21.4 | 138.7 | 290.8 | 241.7 | 453.6 | 37.9 | 107.3 | 136.0 | 52.6 | 23.5 | 107.1 | 93.7 | 147.6 | 2,509.0 | 1988 | | | | | | | | | | | | | | | | | | | | | January | 488.3 | 67.8 | 11.7 | 136.2 | 238.7 | 139.7 | 186.3 | 30.9 | 53.4 | 77.8 | 43.8 | 18.7 | 88.3 | 67.8 | 97.1 | 1,746.5 | February | 476.1 | 65.7 | 12.0 | 123.5 | 210.0 | 136.6 | 180.5 | 27.0 | 49.7 | 80.9 | 45.2 | 22.4 | 82.7 | 83.3 | 94.5 | 1,690.0 | March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| September | 469.5 | 70.9 | 9.9 | 126.7 | 204.0 | 160.0 | 211.5 | 30.0 | 46.6 | 75.6 | 43.3 | 18.2 | 87.0 | 76.0 | 93.0 | 1,722.1 | October | 488.5 | 72.5 | 13.7 | 127.3 | 226.0 | 167.9 | 215.8 | 32.1 | 58.2 | 83.4 | 47.2 | 21.7 | 86.8 | 75.4 | 98.4 | 1,814.9 | November | 488.0 | 66.3 | 13.6 | 127.6 | 223.3 | 164.1 | 245.9 | 29.6 | 63.8 | 86.5 | 47.0 | 23.2 | 88.8 | 73.7 | 102.8 | 1,844.4 | December | 576.3 | 80.9 | 21.4 | 138.7 | 290.8 | 241.7 | 453.6 | 37.9 | 107.3 | 136.0 | 52.6 | 23.5 | 107.1 | 93.7 | 147.6 | 2,509.0 | 1988 | | | | | | | | | | | | | | | | | | | | | January | 488.3 | 67.8 | 11.7 | 136.2 | 238.7 | 139.7 | 186.3 | 30.9 | 53.4 | 77.8 | 43.8 | 18.7 | 88.3 | 67.8 | 97.1 | 1,746.5 | February | 476.1 | 65.7 | 12.0 | 123.5 | 210.0 | 136.6 | 180.5 | 27.0 | 49.7 | 80.9 | 45.2 | 22.4 | 82.7 | 83.3 | 94.5 | 1,690.0 | March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| October | 488.5 | 72.5 | 13.7 | 127.3 | 226.0 | 167.9 | 215.8 | 32.1 | 58.2 | 83.4 | 47.2 | 21.7 | 86.8 | 75.4 | 98.4 | 1,814.9 | November | 488.0 | 66.3 | 13.6 | 127.6 | 223.3 | 164.1 | 245.9 | 29.6 | 63.8 | 86.5 | 47.0 | 23.2 | 88.8 | 73.7 | 102.8 | 1,844.4 | December | 576.3 | 80.9 | 21.4 | 138.7 | 290.8 | 241.7 | 453.6 | 37.9 | 107.3 | 136.0 | 52.6 | 23.5 | 107.1 | 93.7 | 147.6 | 2,509.0 | 1988 | | | | | | | | | | | | | | | | | | | | | January | 488.3 | 67.8 | 11.7 | 136.2 | 238.7 | 139.7 | 186.3 | 30.9 | 53.4 | 77.8 | 43.8 | 18.7 | 88.3 | 67.8 | 97.1 | 1,746.5 | February | 476.1 | 65.7 | 12.0 | 123.5 | 210.0 | 136.6 | 180.5 | 27.0 | 49.7 | 80.9 | 45.2 | 22.4 | 82.7 | 83.3 | 94.5 | 1,690.0 | March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| November | 488.0 | 66.3 | 13.6 | 127.6 | 223.3 | 164.1 | 245.9 | 29.6 | 63.8 | 86.5 | 47.0 | 23.2 | 88.8 | 73.7 | 102.8 | 1,844.4 | December | 576.3 | 80.9 | 21.4 | 138.7 | 290.8 | 241.7 | 453.6 | 37.9 | 107.3 | 136.0 | 52.6 | 23.5 | 107.1 | 93.7 | 147.6 | 2,509.0 | 1988 | | | | | | | | | | | | | | | | | | | | | January | 488.3 | 67.8 | 11.7 | 136.2 | 238.7 | 139.7 | 186.3 | 30.9 | 53.4 | 77.8 | 43.8 | 18.7 | 88.3 | 67.8 | 97.1 | 1,746.5 | February | 476.1 | 65.7 | 12.0 | 123.5 | 210.0 | 136.6 | 180.5 | 27.0 | 49.7 | 80.9 | 45.2 | 22.4 | 82.7 | 83.3 | 94.5 | 1,690.0 | March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| December | 576.3 | 80.9 | 21.4 | 138.7 | 290.8 | 241.7 | 453.6 | 37.9 | 107.3 | 136.0 | 52.6 | 23.5 | 107.1 | 93.7 | 147.6 | 2,509.0 | 1988 | | | | | | | | | | | | | | | | | | | | | January | 488.3 | 67.8 | 11.7 | 136.2 | 238.7 | 139.7 | 186.3 | 30.9 | 53.4 | 77.8 | 43.8 | 18.7 | 88.3 | 67.8 | 97.1 | 1,746.5 | February | 476.1 | 65.7 | 12.0 | 123.5 | 210.0 | 136.6 | 180.5 | 27.0 | 49.7 | 80.9 | 45.2 | 22.4 | 82.7 | 83.3 | 94.5 | 1,690.0 | March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | | | | | | | January | 488.3 | 67.8 | 11.7 | 136.2 | 238.7 | 139.7 | 186.3 | 30.9 | 53.4 | 77.8 | 43.8 | 18.7 | 88.3 | 67.8 | 97.1 | 1,746.5 | February | 476.1 | 65.7 | 12.0 | 123.5 | 210.0 | 136.6 | 180.5 | 27.0 | 49.7 | 80.9 | 45.2 | 22.4 | 82.7 | 83.3 | 94.5 | 1,690.0 | March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 488.3 | 67.8 | 11.7 | 136.2 | 238.7 | 139.7 | 186.3 | 30.9 | 53.4 | 77.8 | 43.8 | 18.7 | 88.3 | 67.8 | 97.1 | 1,746.5 | February | 476.1 | 65.7 | 12.0 | 123.5 | 210.0 | 136.6 | 180.5 | 27.0 | 49.7 | 80.9 | 45.2 | 22.4 | 82.7 | 83.3 | 94.5 | 1,690.0 | March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| February | 476.1 | 65.7 | 12.0 | 123.5 | 210.0 | 136.6 | 180.5 | 27.0 | 49.7 | 80.9 | 45.2 | 22.4 | 82.7 | 83.3 | 94.5 | 1,690.0 | March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| March | 516.4 | 70.5 | 14.0 | 133.3 | 227.5 | 154.5 | 211.8 | 28.6 | 51.7 | 91.2 | 48.5 | 26.2 | 85.7 | 84.7 | 97.9 | 1,842.4 | April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| April | 499.4 | 64.7 | 13.4 | 127.5 | 219.7 | 159.5 | 219.1 | 31.5 | 45.1 | 84.3 | 41.6 | 17.6 | 86.1 | 69.1 | 89.0 | 1,767.5 | May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May | 495.6 | 65.7 | 14.5 | 128.9 | 209.4 | 171.6 | 228.5 | 32.4 | 49.9 | 97.6 | 50.5 | 19.7 | 88.9 | 76.0 | 91.8 | 1,821.1 | June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| June | 497.7 | 69.5 | 13.7 | 126.6 | 208.1 | 163.6 | 214.0 | 29.4 | 45.3 | 89.7 | 47.9 | 25.0 | 96.9 | 71.6 | 91.2 | 1,790.1 | Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Standard error of - | | | | | | | | | | | | | | | | | | | | | Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Level (a) | 7.8 | 5.1 | 0.9 | 7.2 | 8.4 | 5.2 | 0.0 | 2.1 | 2.5 | 5.4 | 3.3 | 3.4 | 7.5 | 4.2 | 9.3 | 21.6 | Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Change (b) | 1.7 | 1.2 | 0.2 | 1.4 | 2.7 | 1.4 | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 1.6 | 2.4 | 1.6 | 9.9 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

See footnotes at end of table.

TABLE 5. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), MONTHLY ESTIMATES, BY INDUSTRY, STATES AND ACT (\$ million) - continued

| Month | Grocers, | | | | Hotels, | | Domestic | | | | Floor cover- ings stores | Chem- ists | News- agents | Other | Total |
|---------------------|--|----------|-------------------|-------------------------|--|--------------------------------------|---------------------------|-------------------------|---------------------------------------|-------------------------------|--------------------------------|---------------|-----------------|--------|-----------|
| | confect- ioners, tobacc- onists | Butchers | General stores | Other food stores | liquor stores, licensed clubs | Clothing and fabrics stores | Depart- ment stores | Foot- wear stores | hard- ware stores, jewellers | Electrical goods stores | | | | | |
| 1987 | | | | | | | | | | | | | | | |
| April | 425.2 | 43.9 | 11.4 | 86.4 | 114.8 | 132.1 | 115.6 | 25.1 | 35.4 | 66.6 | 31.4 | 45.4 | 36.0 | 61.0 | 1,244.0 |
| May | 421.9 | 46.3 | 11.3 | 86.1 | 114.6 | 142.0 | 122.8 | 28.1 | 37.3 | 75.1 | 33.8 | 50.2 | 36.8 | 61.5 | 1,282.9 |
| June | 403.9 | 46.1 | 9.4 | 85.8 | 108.8 | 130.3 | 113.6 | 23.4 | 33.1 | 72.8 | 32.8 | 48.5 | 36.1 | 54.0 | 1,213.1 |
| July | 431.1 | 44.9 | 10.5 | 88.7 | 119.5 | 142.0 | 119.1 | 25.7 | 36.9 | 78.1 | 37.4 | 47.3 | 37.3 | 67.7 | 1,303.9 |
| August | 411.7 | 42.6 | 9.1 | 88.2 | 118.6 | 127.2 | 95.9 | 20.9 | 40.1 | 75.0 | 37.8 | 49.4 | 36.7 | 66.5 | 1,235.4 |
| September | 411.7 | 43.2 | 10.0 | 89.9 | 126.0 | 132.5 | 109.6 | 21.6 | 45.5 | 70.1 | 38.0 | 49.9 | 37.2 | 69.6 | 1,271.1 |
| October | 453.1 | 43.5 | 10.2 | 94.8 | 129.3 | 139.6 | 118.5 | 25.0 | 47.1 | 72.5 | 40.9 | 53.7 | 36.8 | 72.8 | 1,357.7 |
| November | 432.8 | 41.7 | 9.9 | 90.5 | 128.5 | 140.9 | 114.3 | 23.4 | 49.5 | 74.4 | 34.7 | 52.2 | 36.3 | 80.3 | 1,329.5 |
| December | 529.9 | 49.3 | 21.4 | 108.0 | 175.4 | 209.0 | 258.0 | 33.6 | 84.8 | 114.7 | 40.6 | 67.5 | 50.6 | 115.3 | 1,875.9 |
| 1988 | | | | | | | | | | | | | | | |
| January | 422.3 | 37.9 | 8.1 | 91.2 | 140.1 | 104.3 | 105.4 | 24.7 | 39.1 | 68.8 | 31.7 | 49.8 | 36.3 | 56.4 | 1,226.8 |
| February | 425.8 | 39.5 | 8.1 | 91.0 | 125.7 | 118.3 | 86.1 | 24.4 | 43.3 | 69.8 | 31.9 | 48.7 | 34.6 | 60.0 | 1,222.2 |
| March | 466.0 | 43.5 | 9.9 | 96.8 | 131.7 | 130.1 | 114.8 | 24.6 | 44.3 | 73.9 | 32.1 | 55.4 | 36.1 | 70.5 | 1,347.5 |
| April | 439.1 | 42.7 | 10.4 | 99.6 | 126.2 | 135.2 | 122.5 | 28.4 | 40.9 | 71.8 | 29.9 | 49.8 | 32.4 | 64.9 | 1,309.7 |
| May | 428.6 | 43.8 | 10.2 | 92.1 | 117.8 | 151.0 | r 126.7 | 31.4 | 43.1 | r 81.8 | 36.5 | 52.1 | 34.8 | 64.1 | r 1,332.5 |
| June | 434.0 | 46.1 | 9.0 | 94.3 | 116.8 | 144.9 | 128.2 | 27.3 | 41.0 | 79.9 | 34.7 | 53.7 | 32.9 | 61.4 | 1,322.1 |
| Standard error of - | | | | | | | | | | | | | | | |
| Level (a) | 8.0 | 2.9 | 0.0 | 8.4 | 6.0 | 5.3 | 0.0 | 2.1 | 2.8 | 3.6 | 2.3 | 4.9 | 2.3 | 5.7 | 17.6 |
| Change (b) | 1.9 | 0.7 | 0.0 | 1.7 | 1.1 | 3.3 | 0.0 | 1.0 | 1.6 | 1.1 | 1.0 | 0.9 | 0.7 | 3.5 | 6.3 |
| QUEENSLAND | | | | | | | | | | | | | | | |
| 1987 | | | | | | | | | | | | | | | |
| April | 267.1 | 19.1 | 7.5 | 49.1 | 97.1 | 51.3 | 70.8 | 9.8 | 13.7 | 34.6 | 10.4 | 30.2 | 30.3 | 34.4 | 732.9 |
| May | 264.4 | 19.9 | 7.9 | 48.9 | 96.5 | 57.3 | 75.6 | 11.9 | 14.8 | 38.5 | 12.2 | 29.3 | 31.3 | 26.0 | 742.5 |
| June | 258.2 | 20.2 | 7.5 | 46.0 | 94.0 | 54.0 | 70.6 | 11.0 | 14.7 | 38.9 | 13.2 | 28.6 | 30.1 | 24.5 | 719.6 |
| July | 273.2 | 22.4 | 8.8 | 59.2 | 101.5 | 67.6 | 77.2 | 12.6 | 13.8 | 42.3 | 15.1 | 31.7 | 32.4 | 29.8 | 798.6 |
| August | 267.6 | 20.5 | 7.0 | 54.9 | 101.0 | 59.7 | 64.7 | 10.8 | 13.8 | 39.2 | 15.7 | 32.2 | 32.0 | 28.9 | 756.9 |
| September | 264.9 | 20.1 | 7.9 | 57.1 | 101.7 | 68.2 | 77.1 | 12.7 | 15.0 | 40.6 | 15.2 | 31.6 | 33.7 | 30.5 | 786.6 |
| October | 285.1 | 21.8 | 8.2 | 60.8 | 107.9 | 70.9 | 80.7 | 12.9 | 17.0 | 45.0 | 18.8 | 32.1 | 30.8 | 39.3 | 840.1 |
| November | 274.0 | 20.4 | 7.6 | 61.3 | 107.2 | 63.3 | 78.3 | 10.9 | 19.5 | 51.5 | 13.9 | 30.6 | 33.4 | 41.3 | 823.1 |
| December | 319.9 | 23.9 | 15.0 | 68.6 | 136.2 | 93.8 | 164.6 | 15.2 | 36.4 | 68.0 | 16.0 | 39.3 | 47.4 | 59.4 | 1,112.8 |
| 1988 | | | | | | | | | | | | | | | |
| January | 278.4 | 19.3 | 7.1 | 65.4 | 105.8 | 51.9 | 78.7 | 15.7 | 17.0 | 44.4 | 17.5 | 28.1 | 35.2 | 36.3 | 810.4 |
| February | 271.7 | 19.2 | 5.8 | 57.8 | 98.2 | 52.5 | 58.3 | 11.0 | 14.6 | 45.9 | 15.7 | 28.3 | 34.2 | 33.1 | 756.8 |
| March | 295.8 | 22.5 | 7.2 | 61.8 | 109.7 | 58.7 | 76.4 | 13.2 | 16.0 | 52.8 | 16.8 | 31.8 | 33.3 | 34.2 | 842.8 |
| April | 288.4 | 19.8 | 7.4 | 60.4 | 102.8 | 55.9 | 83.7 | 13.8 | 15.3 | 41.5 | 14.8 | 28.6 | 29.6 | 34.0 | 805.8 |
| May | 284.0 | 21.2 | 7.6 | r 68.1 | r 109.6 | 62.6 | 84.0 | 15.3 | r 17.4 | 47.2 | 15.9 | 32.4 | r 34.0 | r 46.2 | r 858.8 |
| June | 289.7 | 23.2 | 7.9 | 70.7 | 109.4 | 68.0 | 90.7 | 16.6 | 20.6 | 51.2 | 17.9 | 32.9 | 32.5 | 51.1 | 896.1 |
| Standard error of - | | | | | | | | | | | | | | | |
| Level (a) | 7.0 | 2.5 | 0.1 | 3.9 | 4.0 | 3.3 | 0.0 | 1.2 | 2.7 | 3.7 | 2.1 | 3.1 | 2.0 | 3.9 | 12.6 |
| Change (b) | 1.2 | 0.9 | 0.0 | 1.1 | 1.3 | 0.8 | 0.0 | 0.2 | 1.6 | 0.9 | 0.7 | 0.9 | 0.6 | 2.7 | 4.4 |

See footnotes at end of table.

TABLE 5. TOTAL VALUE OF RETAIL SALES OF GOODS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.), MONTHLY ESTIMATES, BY INDUSTRY, STATES AND ACT (\$ million) - continued

| Month | Grocers, | | | | Hotels, | | Clothing | | Domestic | | Floor | | News- agents | Other | Total |
|------------------------------|--|----------|-------------------|-------------------------|--|--------------------------|---------------------------|-------------------------|---------------------------------------|-------------------------------|--------------------------|--------------------------|-----------------|-------|---------|
| | confect- ioners, tobacc- onists | Butchers | General stores | Other food stores | liquor stores, licensed clubs | and fabrics stores | Depart- ment stores | Foot- wear stores | hard- ware stores, jewellers | Electrical goods stores | Furni- ture stores | cover- ings stores | | | |
| TASMANIA | | | | | | | | | | | | | | | |
| 1987 | | | | | | | | | | | | | | | |
| April | 44.0 | 4.3 | n.p. | 6.9 | 15.3 | 10.7 | 14.9 | 2.2 | 2.9 | 5.9 | 2.3 | 1.6 | 4.3 | 4.9 | 127.3 |
| May | 43.7 | 4.2 | n.p. | 6.9 | 14.2 | 10.8 | 14.7 | 2.4 | 3.1 | 6.7 | 2.5 | 1.7 | 4.5 | 4.9 | 128.0 |
| June | 42.6 | 4.2 | n.p. | 6.8 | 13.5 | 11.0 | 13.8 | 1.9 | 3.1 | 7.1 | 2.4 | 2.0 | 4.5 | 4.6 | 124.8 |
| July | 45.4 | 4.6 | n.p. | 6.2 | 14.8 | 11.7 | 13.7 | 2.1 | 2.5 | 6.5 | 2.3 | 1.9 | 5.0 | 5.4 | 128.2 |
| August | 44.7 | 4.3 | n.p. | 6.0 | 14.1 | 8.8 | 12.9 | 1.7 | 2.4 | 5.7 | 2.3 | 2.0 | 4.9 | 5.1 | 121.1 |
| September | 46.1 | 4.4 | n.p. | 6.2 | 14.7 | 9.6 | 14.4 | 1.9 | 2.1 | 5.9 | 2.2 | 1.9 | 4.6 | 5.3 | 126.4 |
| October | 50.3 | 4.4 | n.p. | 6.4 | 16.6 | 10.0 | 14.1 | 2.0 | 2.1 | 5.8 | 2.6 | 2.2 | 5.0 | 5.6 | 135.0 |
| November | 47.1 | 4.2 | n.p. | 6.5 | 15.6 | 10.8 | 15.5 | 1.9 | 2.2 | 6.6 | 2.4 | 2.4 | 4.8 | 5.6 | 133.5 |
| December | 58.1 | 4.9 | n.p. | 7.3 | 21.5 | 17.5 | 32.0 | 2.8 | 5.2 | 9.8 | 3.2 | 2.6 | 6.9 | 8.2 | 192.9 |
| 1988 | | | | | | | | | | | | | | | |
| January | 49.8 | 3.5 | n.p. | 7.2 | 15.9 | 8.6 | 12.3 | 1.8 | 1.9 | 5.4 | 1.9 | 1.4 | 4.5 | 5.4 | 127.2 |
| February | 48.8 | 3.5 | n.p. | 6.2 | 14.6 | 11.6 | 11.6 | 2.5 | 2.0 | 6.3 | 2.4 | 2.0 | 4.5 | 5.5 | 128.4 |
| March | 53.4 | 3.9 | n.p. | 6.7 | 17.1 | 10.3 | 14.1 | 2.0 | 2.1 | 6.8 | 2.9 | 2.2 | 5.1 | 6.1 | 140.0 |
| April | 50.2 | 3.4 | n.p. | 6.3 | 15.6 | 10.1 | 14.8 | 2.3 | 2.1 | 5.8 | 2.4 | 1.6 | 4.6 | 5.4 | 131.9 |
| May | 49.4 | 3.5 | n.p. | 6.3 | 14.7 | 11.2 | 14.5 | 2.5 | 2.2 | 7.5 | 2.8 | 2.0 | 5.1 | 5.5 | 134.6 |
| June | 49.5 | 3.8 | n.p. | 6.2 | 14.6 | 10.9 | 15.1 | 2.1 | 2.1 | 7.8 | 3.1 | 1.7 | 5.1 | 5.7 | 134.9 |
| Standard error of - | | | | | | | | | | | | | | | |
| Level (a) | 1.0 | 0.2 | n.p. | 0.4 | 0.6 | 0.4 | 0.0 | 0.2 | 0.4 | 0.1 | 0.1 | 0.2 | 0.5 | 0.7 | 1.8 |
| Change (b) | 0.2 | 0.1 | n.p. | 0.1 | 0.2 | 0.2 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.3 | 0.2 | 0.1 | 0.7 |
| AUSTRALIAN CAPITAL TERRITORY | | | | | | | | | | | | | | | |
| 1987 | | | | | | | | | | | | | | | |
| April | 27.8 | 2.1 | n.p. | 3.7 | 6.9 | 5.9 | 14.3 | 1.3 | 1.6 | 4.2 | 2.5 | 0.9 | 2.5 | 3.8 | 84.1 |
| May | 27.1 | 2.1 | n.p. | 4.2 | 6.8 | 6.7 | 15.4 | 1.4 | 1.9 | 4.5 | 2.8 | 0.9 | 2.6 | 3.7 | 86.6 |
| June | 26.8 | 2.1 | n.p. | 4.6 | 6.0 | 5.9 | 14.2 | 1.3 | 1.4 | 4.5 | 3.0 | 1.0 | 2.5 | 3.8 | 83.4 |
| July | 27.6 | 2.5 | n.p. | 4.8 | 7.3 | 6.7 | 15.4 | 1.2 | 1.7 | 5.2 | 3.5 | 1.0 | 2.7 | 4.0 | 89.9 |
| August | 26.2 | 2.2 | n.p. | 4.4 | 7.8 | 5.7 | 11.6 | 0.9 | 1.7 | 5.2 | 3.4 | 0.8 | 2.7 | 4.0 | 83.6 |
| September | 27.4 | 2.5 | n.p. | 4.8 | 8.6 | 5.9 | 12.2 | 1.2 | 1.8 | 4.8 | 3.3 | 0.9 | 2.7 | 4.4 | 88.4 |
| October | 28.7 | 1.9 | n.p. | 4.7 | 6.5 | 6.9 | 12.8 | 1.1 | 2.2 | 4.5 | 3.5 | 0.8 | 2.7 | 4.5 | 89.5 |
| November | r 28.6 | 1.8 | n.p. | 4.8 | r 8.6 | 6.1 | r 17.4 | r 1.2 | 2.3 | 3.5 | 3.6 | 0.9 | 2.7 | 4.3 | r 92.4 |
| December | r 32.5 | 2.1 | n.p. | 5.0 | r 10.0 | 8.7 | r 30.6 | r 1.3 | 4.7 | 5.3 | 3.9 | 0.6 | 3.0 | 6.9 | r 124.4 |
| 1988 | | | | | | | | | | | | | | | |
| January | r 26.9 | 1.7 | n.p. | 4.6 | 7.2 | 5.4 | r 12.0 | 1.4 | 1.9 | 2.7 | 2.8 | 0.6 | 2.3 | 3.5 | r 78.9 |
| February | r 26.7 | 1.8 | n.p. | 4.1 | r 8.2 | 6.5 | r 12.2 | r 1.2 | 1.9 | 3.2 | 3.2 | 0.7 | 2.3 | 4.4 | r 83.1 |
| March | r 27.9 | 1.9 | n.p. | 4.3 | 8.4 | 6.5 | r 13.4 | r 1.3 | 2.1 | 3.4 | 3.9 | 0.7 | 2.6 | 6.2 | r 89.8 |
| April | r 27.9 | 2.0 | n.p. | 4.3 | 7.8 | 6.6 | r 15.0 | 1.5 | 2.0 | 3.4 | 3.2 | 0.7 | 2.5 | 4.7 | r 88.4 |
| May | r 27.4 | 1.9 | n.p. | 4.7 | 7.6 | 7.3 | r 15.4 | r 1.5 | 2.1 | 3.9 | 3.7 | 0.9 | 2.7 | 5.3 | r 90.8 |
| June | 27.5 | 2.1 | n.p. | 4.1 | 7.6 | 6.6 | 13.8 | 1.4 | 1.8 | 4.1 | 3.8 | 0.9 | 2.7 | 4.6 | 87.7 |
| Standard error of - | | | | | | | | | | | | | | | |
| Level (a) | 0.9 | 0.6 | n.p. | 0.8 | 1.3 | 0.7 | 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.1 | 0.1 | 0.6 | 2.4 |
| Change (b) | 0.5 | 0.1 | n.p. | 0.2 | 0.1 | 0.2 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.3 | 0.9 |

(a) The standard error of the estimate for the latest month - see paragraphs 8 to 13 of Explanatory Notes. (b) The standard error of the change of the latest month from the preceding month - see paragraphs 8 to 13 of Explanatory Notes.

EXPLANATORY NOTES

Introduction

This publication presents monthly estimates of the value of retail sales classified by *industry* (i.e. type of store) for Australia and each State. Quarterly estimates of total retail sales at constant (average 1979-80) prices are also included.

2. All the series shown in this publication, with estimates for earlier periods, are available on AUSSTATS — see concluding paragraph.

Scope and coverage

3. The estimates are derived from a survey which includes in its scope all retail trade establishments, i.e. establishments classified to subdivision 48 of the Australian Standard Industrial Classification (ASIC), 1983 Edition (Catalogue Nos. 1201.0 and 1202.0), *except* motor vehicle dealers, petrol retailers etc. (ASIC classes 4861-4868), bread and milk vendors (4878-4879), footwear 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. The scope of the survey includes establishments in all States and the Australian Capital Territory, but excludes those in the Northern Territory.

5. The survey is based on a random sample of establishments within the scope defined above. From the data reported by the sampled establishments, aggregates comprising all retail sales in Australia (excluding Northern Territory) are estimated.

6. The retail sales reported are principally sales of new or used goods to final consumers for personal or household consumption. Excluded are sales of tools of trade, building materials and supplies, agricultural supplies and equipment, and business equipment. Sales of motor vehicles, parts, petrol, boats, caravans, etc. are out of scope of the estimates of retail sales in this publication. Also excluded are takings from meals consumed on the premises, accommodation, hairdressing, beauty treatments, and repairs. However, the estimates of retail sales in this publication include sales of take-away food, and beer, wine and spirits served with meals.

Industry statistics

7. Details of the value of retail sales are available for 15 industries. The ASIC class(es) which make up each industry are as follows:

| Industry | ASIC Class(es) |
|---------------------------------------|--|
| Grocers, confectioners, tobacconists | 4881 |
| Butchers | 4882 |
| General stores | 4815 |
| Other food stores | 4883, 4885, 4886 |
| Hotels, liquor stores, licensed clubs | 9232, 4884, 9241, 9242, 9243 |
| Clothing and fabrics stores | 4843, 4844, 4847 |
| Department stores | 4814 |
| Footwear stores | 4845 |
| Domestic hardware stores, jewellers | 4853, 4854 |
| Electrical goods stores | 4855, 4856 |
| Furniture stores | 4849 |
| Floor coverings stores | 4848 |
| Chemists | 4891 |
| Newsagents | 4894 |
| Other | 4892, 4893, 4895, 4896, 4897, 9231, 9351, 9352 |

Reliability of estimates

8. Since the estimates are based on information obtained from a sample survey of retail establishments, the estimates of levels and changes are subject to sampling variability; that is, they may differ from the figures that would have been produced if all units had been included in the survey. One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of units was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all units had been included, and about nineteen chances in twenty that the difference will be less than two standard errors.

9. Standard errors of estimates for the latest month and of estimates of change since the preceding month are shown in the tables. Examples of the use of these standard errors are given below:

(a) The estimate of \$5,083.1 million for the total value of retail sales in June 1988 has a standard error of about \$31.9 million. Therefore, there are two chances in three that the figure which would have been obtained if all establishments had been included in the survey would be within the range \$5,051.2 million to \$5,115.0 million, and nineteen chances in twenty that the figure would be within \$5,019.3 million to \$5,146.9 million.

(b) The estimated change of -\$15.9 million (-0.3 per cent) in the total value of retail sales between May 1988 and June 1988 has a standard error of about \$14.2 million (0.3 per cent). Therefore, there are two chances in three that the change which would have been obtained if all establishments had been included in the survey would be within the range -\$30.1 million to -\$1.7 million (-0.6 per cent to 0.0 per cent) and nineteen chances in twenty that the change would be within -\$44.3 million to +\$12.5 million (-0.9 per cent to +0.3 per cent).

10. Standard errors of estimates of change between non consecutive months are not shown in this publication. 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.

11. Users of the statistics in this publication should note that the standard errors are relatively large for estimates for some industries in some States.

12. Seasonally adjusted, trend and constant price estimates are also subject to sampling variability. For seasonally adjusted estimates, the standard errors in percentage terms approximate those 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.

13. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting

by respondents and errors made in collection and processing of data. Inaccuracies of this kind are referred to as the non-sampling error and they may occur in any collection, whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of forms, editing of data and efficient operating procedures.

Seasonally adjusted and trend estimates

14. 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.

15. In the seasonal adjustment of the retail sales estimates, account has been taken of both normal seasonal factors and 'trading-day' effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc. in the month). For total retail sales 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. Details of the methods used in seasonally adjusting these series are available on request.

16. 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 of retail sales have been derived by applying a 13-term Henderson weighted moving average to the seasonally adjusted series.

17. 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. There will also be revisions as a result of revisions to the original estimates and periodic reviews of seasonal and trading day factors.

18. This publication includes monthly estimates of trend of retail sales for Australia, classified by industry, and for each State (total all industries). Seasonally adjusted estimates for industries and States are not included. These series, which commenced in April 1982, are not long enough to provide sufficient information to allow reliable seasonal adjustment at present, since the seasonally adjusted estimates are subject to a relatively high degree of revision as data for later months become available and are taken into account in the re-estimation of seasonal and trading day factors. However the estimates of trend included in this publication are not expected to be subject to the same degree of revision.

19. The seasonal adjustment of each industry series and each State series has been done independently and so, for any one month, the estimates of trend for industries and States may not add to the estimates of trend of total retail sales for Australia.

20. Seasonally adjusted and trend estimates of retail sales by industries in each State are not included because the series are not yet long enough to allow reliable adjustment.

21. 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 of seasonally adjusted time series data.

22. 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

r revised

n.p. not available for publication, but included in totals

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

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