



CATALOGUE NO. 6401.0
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CONSUMER PRICE INDEX - DECEMBER QUARTER 1989

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MAIN FEATURES

| Weighted average of eight capital cities | Change between | |
|--|------------------------------------|-----------------------------------|
| | Sept. qtr 1989 and Dec. qtr 1989 % | Dec. qtr 1988 and Dec. qtr 1989 % |
| Food | +0.3 | +7.6 |
| Clothing | +2.0 | +5.1 |
| Housing | +3.4 | +13.6(a) |
| Household equipment and operation | +1.5 | +4.9 |
| Transportation | +2.4 | +8.2 |
| Tobacco & alcohol | +2.0 | +8.7 |
| Health and personal care | +0.7 | +7.7 |
| Recreation and education | +2.5 | +5.5 |
| All groups | +1.9 | +7.8(a) |
| All groups excluding housing | +1.6 | +6.8 |
| All groups excluding food | +2.2 | +7.8(a) |

(a) Series has been affected by a change in treatment of mortgage interest charges from March quarter 1989. See appendix page 14.

from March quarter 1989. See also the analytical series on page 2.

Both the quarterly and annual rates of increase (1.9% and 7.8%) are down on the results recorded in September quarter (2.3% and 8.0%).

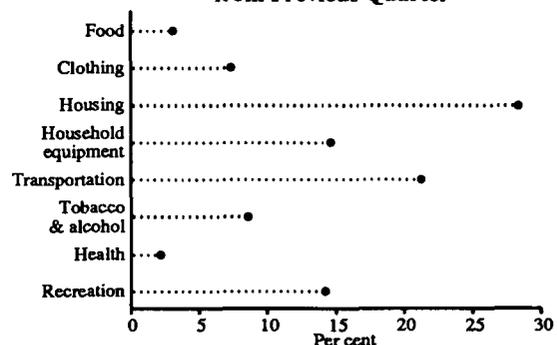
Increases in housing costs, largely driven by increases in mortgage interest charges and local government rates and charges, continue to contribute significantly to the movement in the *all groups* index. Between the September and December quarters, the index for *all groups excluding housing* increased by 1.6% while the index for the *housing group* increased by 3.4%.

On the other hand, the relatively small increase in food prices this quarter (0.3% - mainly due to falls in the prices of fresh fruit and vegetables) had a moderating influence as illustrated by comparing the increase in the index for *all groups excluding food* (2.2%) with that for the *all groups*.

Main contributions to change.

Four groups accounted for more than 75% of the increase in the *all groups* index - Housing (28.4%), Household equipment and operation (14.7%), Transportation (21.3%) and Recreation and education (14.3%) - see chart below.

Percentage Contribution to Change from Previous Quarter



Overview.

The CPI increased by 1.9% between the September and December quarters and by 7.8% since December quarter last year.

The figure for change over the last year has been affected by a change in the treatment of mortgage interest charges

Housing: +3.4%

Although the rate of increase is significantly lower than the high rate of 5.4% recorded last quarter, the housing group continues to be the largest contributor to the change in the all groups index - accounting for 28.4% of the change. Increases in mortgage interest charges account for about 56% of this and increases in local government rates and charges account for a further 24%.

The increase in mortgage interest charges this quarter of 4.1% is down significantly on the 10.2% increase recorded last quarter mainly due to a reduction in the rate of increase in interest rates (down from 6.0% to 0.8%). The value of the debt outstanding increased by 3.4% compared with 3.8% in September quarter.

The increase in local government rates and charges of 7.4% this quarter reflects the timing of the inclusion of rating changes in the CPI. For purely practical reasons, the ABS has adopted the convention of reflecting each new years' rates in the CPI in the second quarter of the rating year for the rating authority concerned. As a result, changes in general property rates for Sydney and Melbourne are reflected in the June quarter each year and in December quarter for all other cities. Changes in water, sewerage and drainage rates for all cities are reflected in the December quarter.

Household equipment and operation: +1.5%

This represents no change on the rate recorded last quarter. Increases in consumer credit charges account for 26% of the movement and increases in furniture prices for a further 26%.

Consumer credit charges increased by 2.8% this quarter, compared with 4.0% last quarter, comprising 1.6% from increases in the value of debt outstanding and 1.2% from increases in interest rates.

Furniture prices increased by 2.4% on average with increases being recorded in all cities except Perth where prices fell by 0.6% mainly due to an increase in the incidence of items being sold on special.

Transportation: +2.4%

This represents an increase on the rate of 2.2% recorded last quarter. Increases in prices of automotive fuel account for 47% of the movement and increases in prices of motor vehicles for a further 25%.

Petrol prices increased by 4.7% on average with increases being recorded in all cities except Hobart (-1.9%) and Darwin (-1.3%). Information available suggests that, for the December quarter as a whole, the incidence of discounting decreased in all cities except Hobart and Darwin where it increased slightly.

Prices of motor vehicles increased by 1.7% on average with increases being recorded in all cities.

Recreation and education: +2.5%

This is the largest increase recorded since March quarter 1988 (3.9%) and represents a significant increase on the result recorded last quarter (1.0%). Increases in prices for holiday travel and accommodation overseas account for 40% of the movement and increases in prices for holiday travel and accommodation in Australia for a further 38%.

Prices for holiday travel and accommodation overseas

increased by 6.7% on average with increases being recorded for all cities. Increases in prices of overseas airfares (mainly due to a move to "high season" fares) contributed most to the national result.

Prices for holiday travel and accommodation in Australia increased by 6.5% on average with increases being recorded for all cities. Increases in prices of domestic accommodation and package tours contributed most to the national result.

ANALYTICAL SERIES.

An improved approach to the treatment of mortgage interest charges in the Consumer Price Index was introduced in March quarter 1989. In order to provide the correct basis of comparison for the analysis of changes in the prices of goods and services over periods including December quarter 1988, the ABS has compiled index number series using the new debt profile approach from the time that mortgage interest charges were first included in the CPI two years ago. These series (including indexes for All Groups) are published in the appendix to this publication and are recommended for analytical purposes (as distinct from statutory indexation and contract escalation purposes).

Percentage changes in the analytical All groups index are presented for each city and the weighted average of the eight capital cities in the table below

| ANALYTICAL SERIES | Change between | |
|--|--|---|
| | Sept. qtr 1989 and Dec. qtr 1989 % | Dec. qtr 1988 and Dec. qtr 1989 % |
| All groups index | | |
| Sydney | +1.8 | +8.9 |
| Melbourne | +2.0 | +8.7 |
| Brisbane | +1.7 | +8.2 |
| Adelaide | +1.6 | +7.0 |
| Perth | +2.0 | +8.9 |
| Hobart | +1.8 | +7.3 |
| Canberra | +2.2 | +7.4 |
| Darwin | +1.8 | +5.9 |
| Weighted average of eight capital cities | +1.9 | +8.5 |

Changes over recent years.

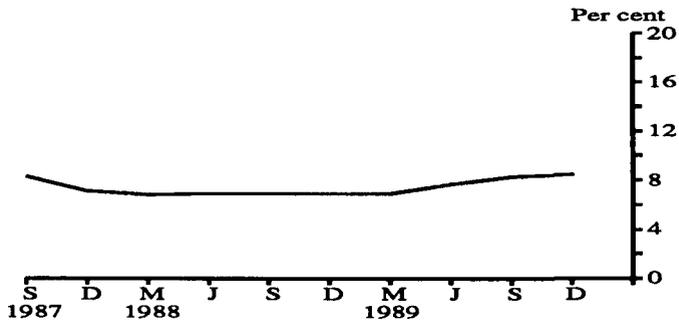
The graphs on the following page illustrate the changes that have taken place over the last two and a half years in the rate of change of prices as measured by the analytical CPI series (compared to the same quarter of the previous year) for the All groups index and each of the eight major groups.

From this issue, the date of scheduled release of the next issue of the Consumer Price Index publication will be shown at the end of the Explanatory notes (see paragraph 14, page 13).

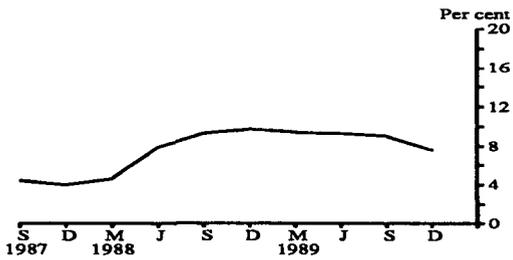
W. McLENNAN
Acting Australian Statistician

**ANALYTICAL SERIES: WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES
PERCENTAGE CHANGE ON CORRESPONDING QUARTER OF PREVIOUS YEAR**

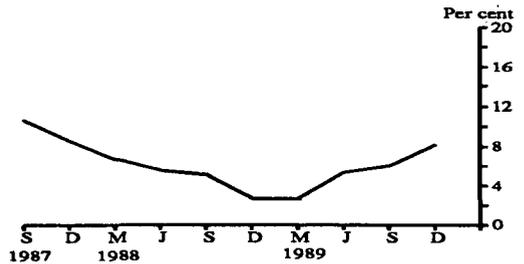
All Groups



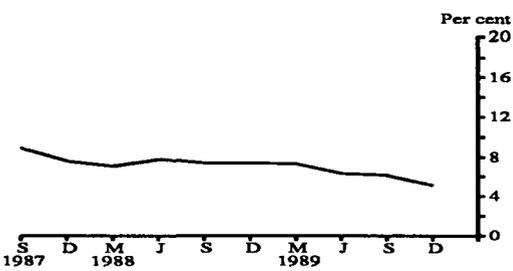
Food



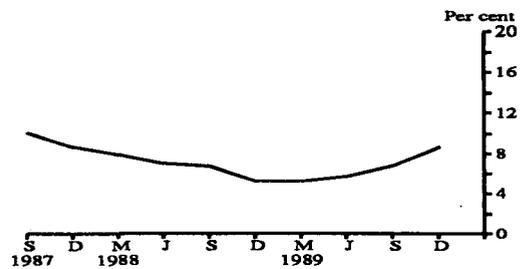
Transportation



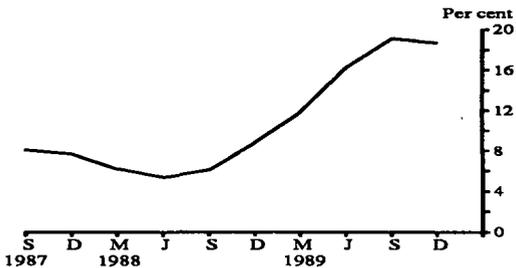
Clothing



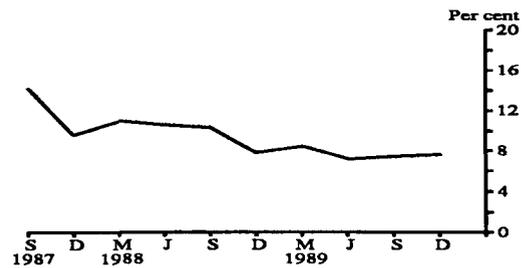
Tobacco and Alcohol



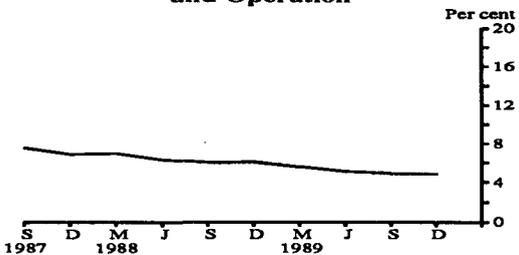
Housing



Health and Personal Care



Household Equipment and Operation



Recreation and Education

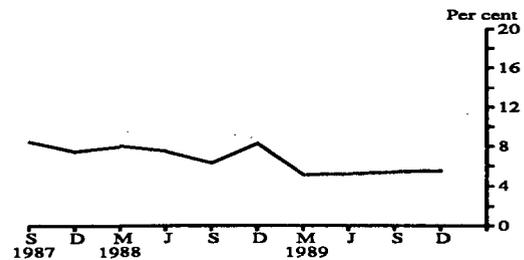


TABLE 1. CONSUMER PRICE INDEX: ALL GROUPS INDEX NUMBERS
(Base of each index: Year 1980-81 = 100.0)

| Period | Sydney | Melbourne | Brisbane | Adelaide | Perth | Hobart | Canberra | Darwin | Weighted average of eight capital cities |
|-------------------|--------|-----------|----------|----------|-------|--------|----------|--------|--|
| 1985-86 | 147.5 | 149.8 | 149.0 | 150.2 | 147.1 | 147.9 | 150.8 | 146.2 | 148.7 |
| 1986-87 | 161.4 | 163.9 | 161.8 | 164.0 | 161.8 | 162.5 | 163.4 | 159.3 | 162.6 |
| 1987-88 | 173.7 | 175.9 | 173.1 | 175.0 | 173.3 | 174.4 | 174.7 | 170.6 | 174.5 |
| 1988-89 | 187.7 | 187.9 | 185.4 | 187.8 | 186.1 | 185.3 | 186.3 | 178.9 | 187.3 |
| Quarter - 1985-86 | | | | | | | | | |
| December | 145.9 | 147.8 | 147.5 | 149.1 | 146.1 | 146.7 | 149.3 | 144.8 | 147.1 |
| March | 149.4 | 151.8 | 151.0 | 151.4 | 148.5 | 149.0 | 152.5 | 147.4 | 150.5 |
| June | 152.0 | 154.2 | 152.7 | 154.4 | 150.8 | 152.2 | 155.1 | 149.4 | 153.0 |
| 1986-87 | | | | | | | | | |
| September | 155.8 | 158.2 | 156.4 | 158.9 | 155.9 | 156.3 | 158.4 | 153.3 | 157.0 |
| December | 160.1 | 162.9 | 160.7 | 162.9 | 160.7 | 161.4 | 162.3 | 158.6 | 161.5 |
| March | 163.5 | 166.0 | 164.1 | 165.7 | 163.8 | 164.8 | 165.1 | 161.4 | 164.7 |
| June | 166.1 | 168.6 | 166.1 | 168.4 | 166.6 | 167.3 | 167.8 | 163.9 | 167.2 |
| 1987-88 | | | | | | | | | |
| September | 169.0 | 171.6 | 168.4 | 170.5 | 169.1 | 170.3 | 170.0 | 166.6 | 170.0 |
| December | 171.8 | 174.5 | 171.5 | 173.8 | 171.8 | 172.9 | 173.0 | 169.5 | 172.9 |
| March | 175.6 | 177.1 | 174.6 | 176.3 | 174.6 | 175.8 | 176.4 | 171.7 | 176.0 |
| June | 178.3 | 180.4 | 177.9 | 179.2 | 177.7 | 178.4 | 179.5 | 174.5 | 179.0 |
| 1988-89 | | | | | | | | | |
| September | 182.9 | 183.0 | 180.5 | 182.7 | 181.3 | 180.6 | 181.7 | 175.6 | 182.4 |
| December | 187.6 | 186.2 | 183.7 | 185.7 | 185.1 | 183.5 | 185.0 | 177.2 | 186.2 |
| March | 187.8 | 188.7 | 186.4 | 189.5 | 187.0 | 186.8 | 187.2 | 180.0 | 188.0 |
| June | 192.5 | 193.8 | 191.0 | 193.2 | 191.0 | 190.3 | 191.5 | 182.9 | 192.6 |
| 1989-90 | | | | | | | | | |
| September | 197.8 | 198.1 | 194.5 | 196.5 | 195.5 | 193.6 | 194.5 | 185.5 | 197.0 |
| December | 201.4 | 202.0 | 197.9 | 199.6 | 199.5 | 197.1 | 198.8 | 188.8 | 200.7 |

TABLE 2. CONSUMER PRICE INDEX : ALL GROUPS PERCENTAGE CHANGES.

| Period | Sydney | Melbourne | Brisbane | Adelaide | Perth | Hobart | Canberra | Darwin | Weighted average of eight capital cities |
|--|--------|-----------|----------|----------|-------|--------|----------|--------|--|
| Change from previous year | | | | | | | | | |
| 1986-87 | 9.4 | 9.4 | 8.6 | 9.2 | 10.0 | 9.9 | 8.4 | 9.0 | 9.3 |
| 1987-88 | 7.6 | 7.3 | 7.0 | 6.7 | 7.1 | 7.4 | 6.9 | 7.1 | 7.3 |
| 1988-89 | 8.1 | 6.8 | 7.1 | 7.3 | 7.4 | 6.3 | 6.6 | 4.9 | 7.4 |
| Change from corresponding quarter of previous year | | | | | | | | | |
| 1987-88 | | | | | | | | | |
| December | 7.3 | 7.1 | 6.7 | 6.7 | 6.9 | 7.1 | 6.6 | 6.9 | 7.1 |
| March | 7.4 | 6.7 | 6.4 | 6.4 | 6.6 | 6.7 | 6.8 | 6.4 | 6.9 |
| June | 7.3 | 7.0 | 7.1 | 6.4 | 6.7 | 6.6 | 7.0 | 6.5 | 7.1 |
| 1988-89 | | | | | | | | | |
| September | 8.2 | 6.6 | 7.2 | 7.2 | 7.2 | 6.0 | 6.9 | 5.4 | 7.3 |
| December | 9.2 | 6.7 | 7.1 | 6.8 | 7.7 | 6.1 | 6.9 | 4.5 | 7.7 |
| March | 6.9 | 6.5 | 6.8 | 7.5 | 7.1 | 6.3 | 6.1 | 4.8 | 6.8 |
| June | 8.0 | 7.4 | 7.4 | 7.8 | 7.5 | 6.7 | 6.7 | 4.8 | 7.6 |
| 1989-90 | | | | | | | | | |
| September | 8.1 | 8.3 | 7.8 | 7.6 | 7.8 | 7.2 | 7.0 | 5.6 | 8.0 |
| December | 7.4 | 8.5 | 7.7 | 7.5 | 7.8 | 7.4 | 7.5 | 6.5 | 7.8 |
| Change from previous quarter | | | | | | | | | |
| 1987-88 | | | | | | | | | |
| December | 1.7 | 1.7 | 1.8 | 1.9 | 1.6 | 1.5 | 1.8 | 1.7 | 1.7 |
| March | 2.2 | 1.5 | 1.8 | 1.4 | 1.6 | 1.7 | 2.0 | 1.3 | 1.8 |
| June | 1.5 | 1.9 | 1.9 | 1.6 | 1.8 | 1.5 | 1.8 | 1.6 | 1.7 |
| 1988-89 | | | | | | | | | |
| September | 2.6 | 1.4 | 1.5 | 2.0 | 2.0 | 1.2 | 1.2 | 0.6 | 1.9 |
| December | 2.6 | 1.7 | 1.8 | 1.6 | 2.1 | 1.6 | 1.8 | 0.9 | 2.1 |
| March | 0.1 | 1.3 | 1.5 | 2.0 | 1.0 | 1.8 | 1.2 | 1.6 | 1.0 |
| June | 2.5 | 2.7 | 2.5 | 2.0 | 2.1 | 1.9 | 2.3 | 1.6 | 2.4 |
| 1989-90 | | | | | | | | | |
| September | 2.8 | 2.2 | 1.8 | 1.7 | 2.4 | 1.7 | 1.6 | 1.4 | 2.3 |
| December | 1.8 | 2.0 | 1.7 | 1.6 | 2.0 | 1.8 | 2.2 | 1.8 | 1.9 |

TABLE 3. CONSUMER PRICE INDEX : CHANGE BETWEEN SEPTEMBER QUARTER 1989 AND DECEMBER QUARTER 1989
MAIN CONTRIBUTIONS TO CHANGE IN TERMS OF ALL GROUPS INDEX POINTS

| Item | Sydney | Melbourne | Brisbane | Adelaide | Perth | Hobart | Canberra | Darwin | Weighted average of eight capital cities |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| FOOD | 0.01 | 0.29 | -0.19 | -0.21 | 0.43 | 0.60 | 0.45 | 0.37 | 0.12 |
| Cheese | 0.05 | 0.02 | 0.04 | 0.02 | 0.04 | 0.05 | 0.02 | 0.01 | 0.04 |
| Bread | 0.03 | 0.04 | 0.01 | 0.02 | 0.09 | 0.02 | 0.03 | 0.03 | 0.04 |
| Fish | -0.04 | -0.02 | -0.02 | -0.08 | -0.05 | -0.03 | -0.04 | -0.05 | -0.04 |
| Fresh fruit | -0.03 | -0.10 | -0.07 | -0.21 | -0.05 | 0.00 | 0.10 | -0.05 | -0.07 |
| Fresh potatoes | 0.13 | 0.31 | 0.09 | 0.20 | 0.04 | 0.05 | 0.16 | 0.17 | 0.18 |
| Fresh vegetables | -0.58 | -0.55 | -0.71 | -0.56 | -0.16 | -0.11 | -0.46 | -0.25 | -0.53 |
| Soft drinks and cordials | 0.07 | 0.07 | 0.02 | -0.01 | 0.15 | 0.01 | 0.03 | 0.09 | 0.06 |
| Ice cream & ice confectionery | 0.06 | 0.03 | 0.02 | 0.05 | 0.03 | 0.04 | 0.04 | 0.01 | 0.04 |
| Take-away foods | 0.11 | 0.16 | 0.05 | 0.07 | 0.09 | 0.07 | 0.13 | 0.10 | 0.11 |
| Other food | 0.02 | 0.04 | 0.01 | 0.04 | 0.08 | 0.05 | 0.04 | 0.03 | 0.04 |
| CLOTHING | 0.25 | 0.31 | 0.31 | 0.15 | 0.32 | 0.29 | 0.28 | 0.09 | 0.27 |
| Men's outer clothing | 0.03 | 0.02 | 0.03 | 0.00 | 0.01 | 0.03 | 0.03 | -0.01 | 0.02 |
| Men's shirts | 0.01 | 0.01 | 0.03 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.02 |
| Men's underwear nightwear etc | 0.01 | 0.03 | 0.00 | 0.01 | 0.02 | 0.01 | 0.02 | 0.00 | 0.02 |
| Boy's clothing | 0.01 | 0.03 | 0.06 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.03 |
| Women's outer clothing | 0.13 | 0.09 | 0.10 | 0.06 | 0.13 | 0.16 | 0.11 | 0.04 | 0.10 |
| Womens underwear nightwear etc. | 0.03 | 0.04 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 | 0.03 |
| Girl's clothing | 0.00 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.03 | 0.00 | 0.02 |
| HOUSING | 1.28 | 0.79 | 0.92 | 0.78 | 1.31 | 0.89 | 1.22 | 0.84 | 1.05 |
| Privately-owned dwelling rents | 0.14 | 0.15 | 0.30 | 0.08 | 0.02 | 0.07 | 0.02 | 0.05 | 0.13 |
| Govt-owned dwelling rents | 0.00 | 0.00 | 0.03 | 0.01 | 0.03 | 0.02 | 0.38 | 0.48 | 0.03 |
| Mortgage interest charges | 0.71 | 0.49 | 0.36 | 0.42 | 0.93 | 0.48 | 0.60 | 0.19 | 0.59 |
| Local govt rates & charges | 0.43 | 0.08 | 0.17 | 0.23 | 0.26 | 0.22 | 0.16 | 0.12 | 0.25 |
| House repairs & maintenance | 0.05 | 0.06 | 0.06 | 0.04 | 0.03 | 0.09 | 0.04 | 0.04 | 0.05 |
| HOUSEHOLD EQUIP. & OPERATION | 0.40 | 0.73 | 0.71 | 0.72 | 0.17 | 0.48 | 0.59 | 0.33 | 0.54 |
| Electricity | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.02 |
| Gas | 0.02 | 0.05 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.03 |
| Furniture | 0.03 | 0.22 | 0.19 | 0.39 | -0.04 | 0.17 | 0.28 | 0.09 | 0.14 |
| Floor coverings | 0.04 | 0.04 | 0.08 | 0.03 | 0.03 | 0.04 | 0.01 | 0.00 | 0.05 |
| Appliances | 0.02 | 0.04 | 0.07 | 0.02 | 0.03 | 0.05 | 0.03 | 0.03 | 0.04 |
| Household cleaning agents | 0.06 | 0.04 | 0.02 | 0.03 | 0.06 | 0.05 | 0.03 | 0.03 | 0.04 |
| Consumer credit charges | 0.16 | 0.13 | 0.17 | 0.12 | 0.15 | 0.13 | 0.13 | 0.14 | 0.14 |
| TRANSPORTATION | 0.88 | 0.81 | 0.80 | 0.76 | 0.44 | 0.28 | 0.98 | 0.35 | 0.79 |
| Motor vehicles | 0.13 | 0.24 | 0.21 | 0.17 | 0.25 | 0.33 | 0.20 | 0.21 | 0.20 |
| Automotive fuel | 0.47 | 0.37 | 0.46 | 0.31 | 0.07 | -0.18 | 0.46 | -0.09 | 0.37 |
| Vehicle insurance | 0.01 | 0.11 | 0.00 | 0.10 | 0.07 | 0.02 | -0.01 | 0.01 | 0.05 |
| Motoring charges | 0.07 | 0.00 | 0.00 | 0.02 | 0.01 | 0.01 | 0.18 | 0.08 | 0.04 |
| Vehicle servicing etc. | 0.13 | 0.06 | 0.12 | 0.14 | 0.03 | 0.10 | 0.14 | 0.12 | 0.10 |
| Urban transport fares | 0.06 | 0.05 | 0.00 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.03 |
| TOBACCO & ALCOHOL | 0.33 | 0.33 | 0.18 | 0.18 | 0.51 | 0.20 | 0.29 | 0.59 | 0.32 |
| Beer | 0.16 | 0.13 | 0.07 | 0.11 | 0.15 | 0.05 | 0.13 | 0.18 | 0.13 |
| Spirits | 0.05 | 0.03 | 0.04 | 0.06 | 0.04 | 0.06 | 0.04 | 0.07 | 0.04 |
| Cigarettes & tobacco | 0.13 | 0.19 | 0.06 | 0.08 | 0.34 | 0.10 | 0.11 | 0.26 | 0.15 |
| HEALTH & PERSONAL CARE | 0.03 | -0.03 | 0.11 | 0.35 | 0.26 | 0.19 | 0.16 | 0.27 | 0.08 |
| Hospital & medical services | 0.04 | -0.01 | 0.16 | 0.41 | 0.25 | 0.29 | 0.22 | 0.34 | 0.10 |
| Dental services | 0.04 | 0.02 | 0.01 | 0.03 | 0.04 | 0.02 | 0.03 | 0.00 | 0.03 |
| Pharmaceuticals | -0.08 | -0.11 | -0.11 | -0.07 | -0.08 | -0.13 | -0.09 | -0.06 | -0.09 |
| RECREATION & EDUCATION | 0.48 | 0.62 | 0.59 | 0.38 | 0.53 | 0.51 | 0.32 | 0.54 | 0.53 |
| Sports & photo equip & toys | 0.02 | 0.03 | 0.11 | 0.04 | 0.04 | -0.04 | 0.05 | 0.11 | 0.04 |
| Holiday travel & accom in Aust | 0.17 | 0.27 | 0.17 | 0.11 | 0.14 | 0.40 | 0.20 | 0.04 | 0.20 |
| Holiday travel & accom overseas | 0.16 | 0.22 | 0.28 | 0.15 | 0.31 | 0.17 | 0.22 | 0.40 | 0.21 |
| Entertainment | 0.12 | 0.09 | 0.04 | 0.13 | 0.04 | 0.01 | -0.12 | 0.04 | 0.09 |
| Total change | 3.6 | 3.9 | 3.4 | 3.1 | 4.0 | 3.5 | 4.3 | 3.3 | 3.7 |
| Contribution of selected State & local government charges (a) to total change | 0.43 | 0.24 | 0.20 | 0.25 | 0.29 | 0.24 | 0.81 | 0.67 | 0.33 |

(a) Composition of this category is described in footnote (e) Table 8, page 11.

TABLE 4. CHANGE BETWEEN SEPTEMBER QUARTER 1989 AND DECEMBER QUARTER 1989 (a)
PERCENTAGE CONTRIBUTION TO CHANGE IN WEIGHTED AVERAGE EIGHT CAPITAL CITIES ALL GROUPS INDEX.

| | Sydney | Melbourne | Brisbane | Adelaide | Perth | Hobart | Canberra | Darwin | Weighted average of eight capital cities |
|-----------------------------------|--------|-----------|----------|----------|-------|--------|----------|--------|--|
| Food | 0.0 | 2.4 | -0.6 | -0.5 | 1.1 | 0.3 | 0.4 | 0.1 | 3.2 |
| Clothing | 2.4 | 2.5 | 0.9 | 0.4 | 0.8 | 0.1 | 0.2 | 0.0 | 7.4 |
| Housing | 12.3 | 6.3 | 2.8 | 1.9 | 3.5 | 0.4 | 1.0 | 0.2 | 28.4 |
| Household equipment and operation | 3.8 | 5.8 | 2.1 | 1.8 | 0.4 | 0.2 | 0.5 | 0.1 | 14.7 |
| Transportation | 8.4 | 6.4 | 2.4 | 1.8 | 1.2 | 0.1 | 0.8 | 0.1 | 21.3 |
| Tobacco and alcohol | 3.2 | 2.6 | 0.6 | 0.4 | 1.4 | 0.1 | 0.2 | 0.2 | 8.6 |
| Health and personal care | 0.3 | -0.3 | 0.3 | 0.9 | 0.7 | 0.1 | 0.1 | 0.1 | 2.2 |
| Recreation and education | 4.6 | 4.9 | 1.8 | 0.9 | 1.4 | 0.2 | 0.3 | 0.1 | 14.3 |
| All groups | 35.0 | 30.6 | 10.3 | 7.5 | 10.6 | 1.5 | 3.6 | 0.9 | 100.0 |

(a) Table 4 shows the percentage contribution of Groups in each city to the change (between September quarter 1989 and December quarter 1989) in the All Groups index for the weighted average of the eight capital cities.

ANALYTICAL SERIES (a)

TABLE 5. DEBT PROFILE METHOD - WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES: PERCENTAGE CHANGES

| Period | Food | Clothing | Housing | Household equipment and operation | Transportation | Tobacco and alcohol | Health and personal care | Recreation and education | All Groups |
|--|------|----------|---------|-----------------------------------|----------------|---------------------|--------------------------|--------------------------|------------|
| Change from previous year | | | | | | | | | |
| 1986-87 | 8.0 | 9.6 | 7.4 | 7.3 | 11.2 | 10.5 | 16.1 | 9.3 | 9.3 |
| 1987-88 | 5.2 | 7.8 | 6.9 | 6.9 | 7.8 | 8.4 | 11.3 | 7.8 | 7.3 |
| 1988-89 | 9.4 | 7.1 | 10.8 | 5.7 | 3.9 | 5.7 | 8.4 | 6.2 | 7.1 |
| Change from corresponding quarter of previous year | | | | | | | | | |
| 1987-88 | | | | | | | | | |
| December | 4.0 | 7.6 | 7.7 | 6.9 | 8.6 | 8.7 | 9.6 | 7.5 | 7.1 |
| March | 4.6 | 7.1 | 6.2 | 7.0 | 6.7 | 7.9 | 11.0 | 8.0 | 6.8 |
| June | 7.9 | 7.8 | 5.3 | 6.3 | 5.5 | 7.0 | 10.6 | 7.5 | 6.9 |
| 1988-89 | | | | | | | | | |
| September | 9.3 | 7.4 | 6.1 | 6.0 | 5.1 | 6.7 | 10.3 | 6.3 | 6.9 |
| December | 9.7 | 7.4 | 8.8 | 6.1 | 2.7 | 5.2 | 7.8 | 8.3 | 6.9 |
| March | 9.4 | 7.3 | 11.8 | 5.6 | 2.7 | 5.2 | 8.5 | 5.1 | 6.9 |
| June | 9.3 | 6.3 | 16.2 | 5.1 | 5.3 | 5.7 | 7.2 | 5.2 | 7.7 |
| 1989-90 | | | | | | | | | |
| September | 9.0 | 6.1 | 19.1 | 4.9 | 6.0 | 6.8 | 7.5 | 5.4 | 8.3 |
| December | 7.6 | 5.1 | 18.7 | 4.9 | 8.2 | 8.7 | 7.7 | 5.5 | 8.5 |
| Change from previous quarter | | | | | | | | | |
| 1987-88 | | | | | | | | | |
| December | 1.2 | 3.0 | 1.2 | 1.5 | 2.6 | 1.7 | 2.9 | 0.5 | 1.7 |
| March | 1.7 | 0.1 | 0.7 | 1.2 | 1.0 | 2.0 | 4.6 | 3.9 | 1.7 |
| June | 3.3 | 3.8 | 1.2 | 1.6 | -0.2 | 1.6 | 1.7 | 1.0 | 1.6 |
| 1988-89 | | | | | | | | | |
| September | 2.8 | 0.4 | 2.8 | 1.6 | 1.5 | 1.3 | 0.8 | 0.8 | 1.7 |
| December | 1.6 | 3.0 | 3.8 | 1.6 | 0.3 | 0.2 | 0.5 | 2.4 | 1.7 |
| March | 1.5 | -0.1 | 3.5 | 0.7 | 1.0 | 2.0 | 5.3 | 0.8 | 1.6 |
| June | 3.2 | 2.8 | 5.3 | 1.0 | 2.4 | 2.1 | 0.5 | 1.1 | 2.4 |
| 1989-90 | | | | | | | | | |
| September | 2.5 | 0.2 | 5.4 | 1.5 | 2.2 | 2.3 | 1.0 | 1.0 | 2.3 |
| December | 0.3 | 2.0 | 3.4 | 1.5 | 2.4 | 2.0 | 0.7 | 2.5 | 1.9 |

(a) This table is intended to assist in the analysis of price change (as distinct from movements in the CPI) and is therefore based on indexes calculated using the debt profile method of measuring mortgage interest charges from March quarter 1987.

TABLE 6. CONSUMER PRICE INDEX - GROUP INDEXES

| Period | Sydney | Melbourne | Brisbane | Adelaide | Perth | Hobart | Canberra | Darwin | Weighted average of eight capital cities |
|---|--------|-----------|----------|----------|-------|--------|----------|--------|--|
| FOOD (Base of each index : Year 1980-81 = 100.0) | | | | | | | | | |
| 1987-88 | | | | | | | | | |
| December | 159.9 | 164.9 | 160.6 | 163.9 | 163.6 | 168.7 | 155.6 | 156.7 | 162.2 |
| March | 162.8 | 167.7 | 163.8 | 165.0 | 168.3 | 170.3 | 158.6 | 159.5 | 165.0 |
| June | 168.2 | 174.0 | 168.6 | 170.0 | 172.0 | 173.9 | 163.0 | 163.8 | 170.4 |
| 1988-89 | | | | | | | | | |
| September | 172.3 | 179.5 | 172.3 | 176.0 | 176.6 | 178.1 | 167.8 | 167.2 | 175.1 |
| December | 176.0 | 182.3 | 173.9 | 177.4 | 178.7 | 180.6 | 170.7 | 168.1 | 177.9 |
| March | 178.4 | 183.9 | 177.6 | 180.4 | 183.8 | 181.9 | 172.8 | 171.8 | 180.5 |
| June | 184.5 | 190.8 | 183.8 | 185.6 | 185.7 | 185.2 | 176.6 | 175.2 | 186.2 |
| 1989-90 | | | | | | | | | |
| September | 189.4 | 196.6 | 186.8 | 189.5 | 188.4 | 188.8 | 180.8 | 176.7 | 190.8 |
| December | 189.4 | 198.1 | 185.8 | 188.4 | 190.6 | 192.1 | 183.2 | 178.6 | 191.4 |
| CLOTHING (Base of each index : Year 1980-81 = 100.0) | | | | | | | | | |
| 1987-88 | | | | | | | | | |
| December | 162.7 | 163.6 | 165.3 | 166.5 | 165.3 | 161.0 | 164.2 | 150.3 | 163.8 |
| March | 163.4 | 163.3 | 165.3 | 166.7 | 165.4 | 161.2 | 163.8 | 148.1 | 163.9 |
| June | 169.2 | 170.3 | 169.8 | 173.1 | 171.9 | 167.7 | 170.7 | 153.5 | 170.1 |
| 1988-89 | | | | | | | | | |
| September | 169.4 | 171.2 | 170.7 | 174.5 | 172.2 | 168.6 | 171.6 | 152.7 | 170.8 |
| December | 174.0 | 177.5 | 175.6 | 180.3 | 177.6 | 173.2 | 175.9 | 156.7 | 176.0 |
| March | 173.9 | 177.3 | 175.6 | 180.2 | 177.0 | 173.1 | 175.1 | 157.6 | 175.9 |
| June | 179.2 | 181.1 | 180.0 | 186.2 | 182.7 | 178.3 | 180.9 | 159.8 | 180.8 |
| 1989-90 | | | | | | | | | |
| September | 179.6 | 182.3 | 179.7 | 186.6 | 181.5 | 178.5 | 181.7 | 159.2 | 181.2 |
| December | 182.8 | 186.4 | 184.7 | 188.7 | 186.4 | 182.3 | 185.7 | 161.2 | 184.9 |
| HOUSING (a) (Base of each index : Year 1980-81 = 100.0) | | | | | | | | | |
| 1987-88 | | | | | | | | | |
| December | 171.9 | 183.9 | 163.3 | 176.1 | 163.5 | 164.1 | 180.4 | 161.9 | 174.4 |
| March | 177.0 | 186.8 | 163.9 | 175.2 | 163.5 | 163.4 | 182.2 | 162.1 | 177.2 |
| June | 182.5 | 189.1 | 167.8 | 175.8 | 166.0 | 165.0 | 183.7 | 164.1 | 180.8 |
| 1988-89 | | | | | | | | | |
| September | 193.2 | 193.7 | 171.5 | 180.0 | 175.2 | 167.2 | 189.0 | 161.8 | 188.0 |
| December | 208.1 | 204.5 | 180.0 | 185.0 | 188.2 | 173.5 | 196.1 | 164.3 | 199.7 |
| March | 199.7 | 207.3 | 179.0 | 197.2 | 182.1 | 179.9 | 201.9 | 168.9 | 197.7 |
| June | 210.8 | 218.9 | 186.6 | 204.3 | 193.4 | 186.1 | 210.7 | 174.4 | 208.1 |
| 1989-90 | | | | | | | | | |
| September | 222.3 | 230.9 | 195.7 | 212.6 | 206.6 | 193.5 | 220.0 | 180.1 | 219.3 |
| December | 230.6 | 237.2 | 202.4 | 219.0 | 215.1 | 200.0 | 229.6 | 185.5 | 226.8 |
| HOUSEHOLD EQUIPMENT AND OPERATION (Base of each index : Year 1980-81 = 100.0) | | | | | | | | | |
| 1987-88 | | | | | | | | | |
| December | 169.7 | 173.1 | 173.4 | 172.6 | 169.3 | 170.5 | 168.6 | 170.8 | 171.4 |
| March | 171.7 | 174.7 | 176.7 | 174.0 | 171.2 | 173.4 | 169.2 | 172.2 | 173.4 |
| June | 174.4 | 176.8 | 179.7 | 176.8 | 174.6 | 175.8 | 173.7 | 174.6 | 176.1 |
| 1988-89 | | | | | | | | | |
| September | 178.6 | 178.6 | 182.1 | 180.1 | 177.1 | 178.2 | 175.3 | 176.3 | 179.0 |
| December | 181.2 | 181.1 | 186.1 | 182.5 | 180.3 | 180.9 | 178.7 | 178.0 | 181.8 |
| March | 182.2 | 182.3 | 186.9 | 184.0 | 182.9 | 183.2 | 180.4 | 179.1 | 183.1 |
| June | 183.6 | 185.0 | 188.9 | 185.4 | 185.2 | 185.5 | 182.6 | 180.5 | 185.0 |
| 1989-90 | | | | | | | | | |
| September | 186.1 | 188.1 | 191.2 | 187.5 | 188.6 | 187.7 | 185.3 | 182.6 | 187.8 |
| December | 188.3 | 192.2 | 195.0 | 191.1 | 189.5 | 190.4 | 188.2 | 184.5 | 190.7 |

(a) These series have been affected by the adoption of a new approach to the treatment of mortgage interest charges. For analytical purposes (as distinct from statutory indexation and contract escalation purposes) it is recommended that the series included in table A4 of the appendix to this publication be used.

TABLE 6. CONSUMER PRICE INDEX - GROUP INDEXES - *continued*

| <i>Period</i> | <i>Sydney</i> | <i>Melbourne</i> | <i>Brisbane</i> | <i>Adelaide</i> | <i>Perth</i> | <i>Hobart</i> | <i>Canberra</i> | <i>Darwin</i> | <i>Weighted average of eight capital cities</i> |
|--|---------------|------------------|-----------------|-----------------|--------------|---------------|-----------------|---------------|---|
| TRANSPORTATION (Base of each index : Year 1980-81 = 100.0) | | | | | | | | | |
| 1987-88 | | | | | | | | | |
| December | 191.1 | 181.4 | 189.3 | 187.7 | 183.7 | 188.4 | 188.5 | 183.5 | 186.7 |
| March | 195.4 | 180.2 | 190.4 | 192.0 | 185.7 | 192.4 | 192.5 | 186.5 | 188.6 |
| June | 192.1 | 180.8 | 192.2 | 191.4 | 187.9 | 193.7 | 194.0 | 189.9 | 188.2 |
| 1988-89 | | | | | | | | | |
| September | 198.5 | 181.1 | 195.2 | 195.2 | 188.1 | 195.4 | 192.8 | 189.8 | 191.1 |
| December | 198.6 | 181.3 | 195.2 | 199.6 | 188.4 | 196.9 | 193.7 | 190.8 | 191.7 |
| March | 199.3 | 184.5 | 196.4 | 201.6 | 192.0 | 199.5 | 193.3 | 192.3 | 193.6 |
| June | 203.6 | 189.0 | 201.3 | 204.9 | 196.9 | 204.1 | 200.4 | 195.6 | 198.2 |
| 1989-90 | | | | | | | | | |
| September | 212.8 | 190.6 | 205.4 | 205.8 | 200.4 | 206.7 | 198.7 | 197.8 | 202.5 |
| December | 218.9 | 195.4 | 209.9 | 210.5 | 203.1 | 208.5 | 204.4 | 199.9 | 207.4 |
| TOBACCO AND ALCOHOL (Base of each index : Year 1980-81 = 100.0) | | | | | | | | | |
| 1987-88 | | | | | | | | | |
| December | 201.9 | 190.1 | 185.6 | 191.9 | 201.3 | 208.8 | 197.7 | 206.0 | 195.9 |
| March | 205.1 | 195.6 | 188.4 | 195.5 | 204.5 | 213.0 | 201.7 | 209.0 | 199.8 |
| June | 207.3 | 199.1 | 192.0 | 200.6 | 208.0 | 218.1 | 205.4 | 211.2 | 203.0 |
| 1988-89 | | | | | | | | | |
| September | 209.1 | 201.9 | 195.0 | 205.2 | 210.8 | 220.3 | 207.4 | 214.5 | 205.6 |
| December | 208.8 | 201.9 | 198.5 | 206.9 | 210.5 | 223.3 | 206.1 | 213.5 | 206.0 |
| March | 211.1 | 204.8 | 212.6 | 210.9 | 213.0 | 229.7 | 209.1 | 216.7 | 210.1 |
| June | 215.3 | 209.8 | 217.3 | 215.8 | 217.3 | 233.3 | 213.7 | 217.9 | 214.6 |
| 1989-90 | | | | | | | | | |
| September | 220.7 | 214.7 | 221.6 | 221.2 | 222.2 | 237.0 | 217.7 | 220.5 | 219.6 |
| December | 225.1 | 219.5 | 224.2 | 223.5 | 229.1 | 239.9 | 222.0 | 226.4 | 223.9 |
| HEALTH AND PERSONAL CARE (Base of each index : Year 1980-81 = 100.0) | | | | | | | | | |
| 1987-88 | | | | | | | | | |
| December | 161.0 | 177.7 | 165.6 | 169.7 | 171.0 | 151.4 | 168.3 | 163.3 | 168.4 |
| March | 168.6 | 185.8 | 173.2 | 177.1 | 179.2 | 159.4 | 175.1 | 169.6 | 176.2 |
| June | 170.1 | 190.8 | 175.6 | 180.8 | 181.8 | 160.4 | 178.2 | 173.3 | 179.2 |
| 1988-89 | | | | | | | | | |
| September | 170.8 | 192.6 | 175.7 | 182.8 | 186.3 | 159.7 | 179.8 | 173.7 | 180.6 |
| December | 172.8 | 192.6 | 176.4 | 182.7 | 187.1 | 159.7 | 181.3 | 175.1 | 181.5 |
| March | 181.9 | 203.7 | 187.2 | 190.8 | 193.9 | 168.4 | 188.7 | 187.0 | 191.1 |
| June | 182.2 | 205.0 | 189.1 | 191.6 | 195.7 | 170.6 | 189.5 | 188.7 | 192.1 |
| 1989-90 | | | | | | | | | |
| September | 183.7 | 207.2 | 189.3 | 196.0 | 199.2 | 171.3 | 192.4 | 190.4 | 194.1 |
| December | 184.2 | 206.7 | 191.4 | 201.7 | 204.1 | 174.2 | 195.5 | 196.4 | 195.5 |
| RECREATION AND EDUCATION (Base of each index : March Quarter 1982 = 100.0) | | | | | | | | | |
| 1987-88 | | | | | | | | | |
| December | 147.2 | 152.7 | 150.1 | 150.6 | 144.1 | 155.3 | 152.3 | 144.8 | 149.5 |
| March | 153.0 | 158.6 | 157.1 | 155.7 | 148.6 | 159.9 | 160.3 | 147.2 | 155.3 |
| June | 153.8 | 160.4 | 159.7 | 158.6 | 150.0 | 161.3 | 160.7 | 148.1 | 156.9 |
| 1988-89 | | | | | | | | | |
| September | 155.8 | 161.1 | 160.3 | 158.3 | 152.3 | 162.8 | 162.2 | 149.5 | 158.1 |
| December | 161.2 | 163.7 | 163.5 | 161.6 | 155.2 | 165.0 | 167.5 | 152.5 | 161.9 |
| March | 161.9 | 165.4 | 164.4 | 163.3 | 157.4 | 167.6 | 169.1 | 153.1 | 163.2 |
| June | 163.5 | 167.9 | 167.3 | 165.2 | 156.6 | 168.2 | 169.4 | 155.1 | 165.0 |
| 1989-90 | | | | | | | | | |
| September | 165.0 | 169.4 | 168.7 | 166.9 | 158.8 | 171.8 | 172.0 | 158.0 | 166.6 |
| December | 169.2 | 174.0 | 173.3 | 170.1 | 162.8 | 175.6 | 174.3 | 161.8 | 170.8 |

TABLE 7. CONSUMER PRICE INDEX - GROUPS, SUB-GROUPS AND SELECTED EXPENDITURE CLASSES : WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES

| Group, Sub-group and Expenditure class | Index numbers (Base of each index: Year 1980-81=100.0) | | Percentage Change between | | Contribution to total CPI (expressed as All Groups index points) | | Change between Sept qtr 1989 and Dec qtr 1989 | |
|--|--|---------------------|---|--|---|--------------------|--|-----------------|
| | Dec qtr 1988 | Sept qtr 1989 | Sept qtr 1989 and Dec qtr 1989 | Dec qtr 1988 and Dec qtr 1989 | Sept qtr 1989 | Dec qtr 1989 | Sept qtr 1989 | Dec qtr 1989 |
| FOOD | | | | | | | | |
| Dairy products | 177.9 | 190.8 | 0.3 | 7.6 | 37.54 | 37.66 | 0.12 | 0.12 |
| Cereal products | 169.9 | 175.5 | 2.8 | 6.2 | 2.91 | 2.99 | 0.08 | 0.08 |
| Meat and seafoods | 198.1 | 209.9 | 1.8 | 6.0 | 3.85 | 3.92 | 0.07 | 0.07 |
| Beef and veal | 152.2 | 163.0 | 0.2 | 7.3 | 6.93 | 6.95 | 0.02 | 0.02 |
| Lamb and mutton | 154.8 | 171.6 | -0.6 | 10.1 | | | 1.98 | -0.01 |
| Pork | 152.7 | 155.3 | -2.7 | 7.3 | 1.99 | | 0.92 | -0.03 |
| Bacon and ham | 142.2 | 148.5 | 1.3 | 9.0 | 0.95 | | 0.35 | 0.00 |
| Processed meat | 135.6 | 140.1 | 3.0 | 7.5 | 0.74 | | 0.76 | 0.02 |
| Fish | 146.9 | 154.8 | 4.2 | 8.2 | 1.31 | | 0.65 | 0.03 |
| Fresh fruit and vegetables | 215.9 | 224.7 | -3.7 | 0.2 | 0.99 | | 1.34 | 0.03 |
| Processed fruit and vegetables | 201.7 | 234.4 | -9.5 | 14.2 | 4.46 | 4.04 | 0.95 | -0.04 |
| Soft drinks - ice cream & conf. | 182.9 | 197.4 | 1.4 | 9.4 | 1.72 | 1.74 | 0.02 | 0.02 |
| Meals out and take away foods | 195.2 | 201.9 | 2.7 | 6.2 | 5.39 | 5.54 | 0.15 | 0.15 |
| Other food | 189.9 | 200.8 | 1.4 | 7.3 | 9.13 | 9.26 | 0.13 | 0.13 |
| | 167.9 | 173.8 | 2.3 | 5.9 | 3.15 | 3.22 | 0.07 | 0.07 |
| CLOTHING | | | | | | | | |
| Men's and boys' clothing | 176.0 | 181.2 | 2.0 | 5.1 | 13.26 | 13.53 | 0.27 | 0.27 |
| Women's and girls' clothing | 170.1 | 174.4 | 1.8 | 4.4 | 3.74 | 3.82 | 0.08 | 0.08 |
| Fabrics and knitting wool | 177.9 | 183.7 | 2.5 | 5.8 | 6.04 | 6.19 | 0.15 | 0.15 |
| Footwear | 184.4 | 187.5 | 1.3 | 3.0 | 0.91 | 0.92 | 0.01 | 0.01 |
| Dry cleaning and shoe repairs | 175.5 | 179.6 | 1.1 | 3.5 | 2.07 | 2.10 | 0.03 | 0.03 |
| | 189.1 | 201.9 | 3.0 | 9.9 | 0.49 | 0.51 | 0.02 | 0.02 |
| HOUSING | | | | | | | | |
| HOUSING (a) | | | | | | | | |
| Rents | 199.7 | 219.3 | 3.4 | 13.6 | 30.53 | 31.58 | 1.05 | 1.05 |
| Privately-owned dwelling rents | 191.1 | 219.3 | 3.4 | 18.7 | 30.53 | 31.58 | 1.05 | 1.05 |
| Government-owned dwelling rents | 208.1 | 225.4 | 1.7 | 8.3 | 9.43 | 9.59 | 0.16 | 0.16 |
| Home ownership | 204.3 | 218.3 | 1.6 | 8.5 | | | 8.72 | 0.13 |
| Home ownership (a) | 239.2 | 247.9 | 2.9 | 6.6 | 8.59 | | 0.87 | 0.03 |
| Mortgage interest charges(b) | 186.4 | 218.6 | 4.2 | 15.9 | 21.11 | 21.99 | 0.88 | 0.88 |
| Mortgage interest charges(a)(b) | 184.0 | 218.6 | 4.2 | 23.7 | 21.11 | 21.99 | 0.88 | 0.88 |
| Local govt. rates & charges | 127.6 | 147.5 | 4.1 | 20.4 | 14.19 | 14.78 | 0.59 | 0.59 |
| House repairs and maintenance | 115.2 | 153.6 | 4.1 | 33.3 | 14.19 | 14.78 | 0.59 | 0.59 |
| House insurance | 200.9 | 205.4 | 7.4 | 9.8 | 3.35 | 3.60 | 0.25 | 0.25 |
| | 181.6 | 199.1 | 1.8 | 5.3 | 2.76 | 2.81 | 0.05 | 0.05 |
| | 181.6 | 199.1 | -0.2 | 9.5 | 0.80 | 0.80 | 0.00 | 0.00 |
| HOUSEHOLD EQUIPMENT AND OPERATION | | | | | | | | |
| Fuel and light | 181.8 | 187.8 | 1.5 | 4.9 | 34.86 | 35.40 | 0.54 | 0.54 |
| Furniture and floor coverings | 201.1 | 207.4 | 1.0 | 4.1 | 4.52 | 4.56 | 0.04 | 0.04 |
| Appliances | 181.2 | 189.8 | 2.3 | 7.2 | 7.85 | 8.03 | 0.18 | 0.18 |
| Household textiles | 141.2 | 143.9 | 1.3 | 3.2 | 2.79 | 2.83 | 0.04 | 0.04 |
| Household utensils and tools | 173.7 | 184.9 | 1.5 | 8.0 | 1.32 | 1.34 | 0.02 | 0.02 |
| Household supplies and services | 198.7 | 202.4 | 1.0 | 2.9 | 3.35 | 3.39 | 0.04 | 0.04 |
| Postal and telephone services | 188.5 | 191.2 | 0.8 | 2.3 | 7.40 | 7.40 | 0.07 | 0.07 |
| Consumer credit charges (b) | 162.6 | 157.3 | 0.8 | -2.5 | 2.58 | 2.60 | 0.02 | 0.02 |
| | 116.4 | 126.5 | 2.8 | 11.7 | 5.11 | 5.25 | 0.14 | 0.14 |

TABLE 7. CONSUMER PRICE INDEX - GROUPS, SUB-GROUPS AND SELECTED EXPENDITURE CLASSES : WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES - continued

| Group, Sub-group and Expenditure class | Index numbers (Base of each index: Year 1980-81=100.0) | | | | Percentage Change between | | Contribution to total CPI (expressed as All Groups index points) | | | |
|--|--|---------------------|--------------------|--|------------------------------|--------------------|---|--------------------|---|--|
| | Dec qtr 1988 | Sept qtr 1989 | Dec qtr 1989 | Sept qtr 1989 and Dec qtr 1988 | Sept qtr 1989 | Dec qtr 1989 | Sept qtr 1989 | Dec qtr 1989 | Sept qtr 1989 and Dec qtr 1989 | |
| | | | | | | | | | | |
| TRANSPORTATION | | | | | | | | | | |
| Private motoring | 191.7 | 202.5 | 207.4 | 2.4 | 8.2 | 32.39 | 33.18 | 0.79 | | |
| Motor vehicles | 189.5 | 200.1 | 205.0 | 2.4 | 8.2 | 30.44 | 31.19 | 0.75 | | |
| Automotive fuel | 216.4 | 223.5 | 227.4 | 1.7 | 5.1 | | 11.41 | | 0.20 | |
| Vehicle insurance | 152.9 | 168.3 | 176.2 | 4.7 | 15.2 | 8.01 | 8.38 | | 0.37 | |
| Motoring charges | 229.9 | 252.6 | 255.6 | 1.2 | 11.2 | 4.22 | 4.27 | | 0.05 | |
| Tyres and tubes | 184.9 | 187.4 | 191.6 | 2.2 | 3.6 | 1.49 | 1.53 | | 0.04 | |
| Vehicle serv. repairs & parts | 158.9 | 162.3 | 162.7 | 0.2 | 2.4 | 0.44 | 0.44 | | 0.00 | |
| Urban transport fares | 192.0 | 196.5 | 200.4 | 2.0 | 4.4 | 5.07 | 5.17 | | 0.10 | |
| | 215.4 | 228.7 | 232.7 | 1.7 | 8.0 | 1.95 | 1.98 | | 0.03 | |
| TOBACCO AND ALCOHOL | | | | | | | | | | |
| Alcoholic drinks | 206.0 | 219.6 | 223.9 | 2.0 | 8.7 | 16.08 | 16.40 | | 0.32 | |
| Beer | 190.7 | 201.3 | 204.2 | 1.4 | 7.1 | 11.45 | 11.61 | | 0.16 | |
| Wine | 195.3 | 204.9 | 208.8 | 1.9 | 6.9 | | 6.89 | | 0.13 | |
| Spirits | 167.7 | 177.2 | 176.5 | -0.4 | 5.2 | 6.76 | 6.89 | | 0.00 | |
| Cigarettes and tobacco | 189.9 | 204.0 | 207.9 | 1.9 | 9.5 | 2.36 | 2.36 | | 0.00 | |
| | 246.6 | 269.1 | 278.0 | 3.3 | 12.7 | 4.64 | 4.79 | | 0.15 | |
| HEALTH AND PERSONAL CARE | | | | | | | | | | |
| Health services | 181.5 | 194.1 | 195.5 | 0.7 | 7.7 | 11.42 | 11.50 | | 0.08 | |
| Personal care products | 177.2 | 189.2 | 193.1 | 2.1 | 9.0 | 6.60 | 6.74 | | 0.14 | |
| Hairstressing services | 184.9 | 199.7 | 195.1 | -2.3 | 5.5 | 3.55 | 3.47 | | -0.08 | |
| | 184.1 | 193.1 | 196.7 | 1.9 | 6.8 | 1.27 | 1.29 | | 0.02 | |
| RECREATION AND EDUCATION(c) | | | | | | | | | | |
| Books - newspapers and magazines | 161.9 | 166.6 | 170.8 | 2.5 | 5.5 | 20.89 | 21.42 | | 0.53 | |
| Recreational goods | 224.4 | 226.9 | 228.1 | 0.5 | 1.6 | 2.40 | 2.41 | | 0.01 | |
| Holiday travel and accomm.(c) | 124.5 | 124.8 | 125.2 | 0.3 | 0.6 | 4.91 | 4.93 | | 0.02 | |
| Recreational services | 173.3 | 173.9 | 185.4 | 6.6 | 7.0 | 6.15 | 6.55 | | 0.40 | |
| Education and child care(c) | 196.6 | 207.8 | 211.7 | 1.9 | 7.7 | 4.66 | 4.75 | | 0.09 | |
| | 186.6 | 207.8 | 208.2 | 0.2 | 11.6 | 2.78 | 2.78 | | 0.00 | |
| ALL GROUPS | 186.2 | 197.0 | 200.7 | 1.9 | 7.8 | 197.0 | 200.7 | | 3.7 | |
| ALL GROUPS (a) | 185.0 | 197.0 | 200.7 | 1.9 | 8.5 | 197.0 | 200.7 | | 3.7 | |

(a) Series in italics reflect changes on the debt profile basis and are recommended for analytical purposes (as distinct from statutory indexation and contract escalation purposes). (b) Base : December quarter 1986 = 100.0. (c) Base : March quarter 1982 = 100.0.

TABLE 8. CONSUMER PRICE INDEX - SPECIAL SERIES : WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES

| | Index numbers (Base of each index: Year 1980-81=100.0) | | | | Percentage Change between | | Contribution to total CPI (expressed as All Groups index points) | | | | | |
|--|--|--------------|---------------------|--------------|---|-------------|---|---------------|--------------------|---------------|--|-------------|
| | Dec qtr 1988 | | Sept qtr 1989 | | Sept qtr 1989 Dec qtr 1989 | | Sept qtr 1989 | | Dec qtr 1989 | | Change between Sept qtr 1989 and Dec qtr 1989 | |
| | 186.2 | 197.0 | 197.0 | 200.7 | 1.9 | 7.8 | 197.0 | 200.7 | 197.0 | 200.7 | 3.7 | 3.7 |
| ALL GROUPS | 185.0 | 197.0 | 197.0 | 200.7 | 1.9 | 8.5 | 197.0 | 200.7 | 197.0 | 200.7 | 3.7 | 3.7 |
| SPECIAL SERIES | | | | | | | | | | | | |
| All groups - excluding food | 188.5 | 198.8 | 198.8 | 203.2 | 2.2 | 7.8 | 159.44 | 163.01 | 159.44 | 163.01 | 3.57 | 3.57 |
| <i>All groups - excluding food(a)</i> | <i>187.0</i> | <i>198.8</i> | <i>198.8</i> | <i>203.2</i> | <i>2.2</i> | <i>8.7</i> | <i>159.44</i> | <i>163.01</i> | <i>159.44</i> | <i>163.01</i> | <i>3.57</i> | <i>3.57</i> |
| All groups - excluding housing | 184.0 | 193.4 | 193.4 | 196.5 | 1.6 | 6.8 | 166.45 | 169.09 | 166.45 | 169.09 | 2.64 | 2.64 |
| All groups - excl. home ownership | 185.1 | 194.7 | 194.7 | 197.8 | 1.6 | 6.9 | 175.88 | 178.68 | 175.88 | 178.68 | 2.80 | 2.80 |
| Mortgage interest and consumer credit charges (b) | 124.3 | 141.3 | 141.3 | 146.6 | 3.8 | 17.9 | 19.31 | 20.04 | 19.31 | 20.04 | 0.73 | 0.73 |
| <i>Mortgage interest and consumer credit charges (a)(b)</i> | <i>115.5</i> | <i>141.3</i> | <i>141.3</i> | <i>146.6</i> | <i>3.8</i> | <i>26.9</i> | <i>19.31</i> | <i>20.04</i> | <i>19.31</i> | <i>20.04</i> | <i>0.73</i> | <i>0.73</i> |
| All groups excl. mortgage int. and consumer credit charges (b) | 114.5 | 120.2 | 120.2 | 122.2 | 1.7 | 6.7 | 177.68 | 180.63 | 177.68 | 180.63 | 2.95 | 2.95 |
| All groups-excluding hospital & medical services | 186.9 | 197.7 | 197.7 | 201.3 | 1.8 | 7.7 | 192.24 | 195.82 | 192.24 | 195.82 | 3.58 | 3.58 |
| <i>All groups - excluding hospital & medical services(a)</i> | <i>185.6</i> | <i>197.7</i> | <i>197.7</i> | <i>201.3</i> | <i>1.8</i> | <i>8.5</i> | <i>192.24</i> | <i>195.82</i> | <i>192.24</i> | <i>195.82</i> | <i>3.58</i> | <i>3.58</i> |
| All groups - goods component (c) | 181.1 | 190.1 | 190.1 | 192.6 | 1.3 | 6.4 | 123.31 | 124.93 | 123.31 | 124.93 | 1.62 | 1.62 |
| All groups-services comp. (d) | 197.7 | 212.0 | 212.0 | 218.0 | 2.8 | 10.3 | 73.67 | 75.75 | 73.67 | 75.75 | 2.08 | 2.08 |
| <i>All groups - services comp (a)(d)</i> | <i>194.3</i> | <i>212.0</i> | <i>212.0</i> | <i>218.0</i> | <i>2.8</i> | <i>12.2</i> | <i>73.67</i> | <i>75.75</i> | <i>73.67</i> | <i>75.75</i> | <i>2.08</i> | <i>2.08</i> |
| Selected State and local govt. charges (e) | 219.1 | 227.0 | 227.0 | 233.4 | 2.8 | 6.5 | 11.81 | 12.14 | 11.81 | 12.14 | 0.33 | 0.33 |
| All groups - excl. selected State and local govt. charges (e) | 183.8 | 194.8 | 194.8 | 198.3 | 1.8 | 7.9 | 185.17 | 188.53 | 185.17 | 188.53 | 3.36 | 3.36 |
| <i>All groups - excl. selected State and local govt charges (a)(e)</i> | <i>182.6</i> | <i>194.8</i> | <i>194.8</i> | <i>198.3</i> | <i>1.8</i> | <i>8.6</i> | <i>185.17</i> | <i>188.53</i> | <i>185.17</i> | <i>188.53</i> | <i>3.36</i> | <i>3.36</i> |

(a) Series in italics reflect changes on the defl. profile basis and are recommended for analytical purposes (as distinct from statutory indexation and contract escalation purposes). (b) Base : December quarter 1986 = 100.0. (c) The special series 'All groups, goods component' comprises the Food group (except meals out); Clothing group (except dry cleaning and shoe repairs); Household equipment and operation group (except veterinary services, house contents insurance, repairs to appliances, postal and telephone services and consumer credit charges); Tobacco and alcohol group; materials used in house repairs and maintenance; motor vehicles; automotive fuel; tyres and tubes; parts used in vehicle service and repairs; personal care products; books, newspapers and magazines; and recreational goods. (d) The 'All groups, services component' comprises all items not included in the 'All groups, goods component'. (e) Selected State and local government charges comprise: government-owned dwelling rents; water and sewerage rates; council property rates and charges; electricity prices; gas prices (Melbourne and Perth only); motor vehicle third party insurance premiums (except Canberra and in part only in Sydney and Brisbane); motor vehicle registration fees; drivers' licence fees; urban bus fares (government bus fares only in Sydney and Melbourne, council fares only in Brisbane); urban rail and tram fares (not applicable in Hobart, Canberra and Darwin). The derivations and limitations of these figures was described in the Appendix to the December quarter 1982 issue of this publication.

EXPLANATORY NOTES

Brief description of the CPI

1. The CPI measures quarterly changes in the price of a basket of goods and services which account for a high proportion of expenditure by the CPI population group (ie metropolitan wage and salary earner households). This basket covers a wide range of goods and services, arranged in the following eight groups: food; clothing; housing; household equipment and operation; transportation; tobacco and alcohol; health and personal care; and recreation and education. Pensioners and other social welfare recipients are not included in the CPI population group and the index does not reflect concessional prices paid by these people such as subsidised government dwelling rents, public transport fares and the like.

2. The capital city indexes measure price movements over time in each city individually. They do not measure differences in retail price levels between cities.

3. Further information about the CPI is contained in a booklet entitled *A Guide to the Consumer Price Index* (6440.0) which is available from the ABS on request. A more detailed account is contained in *The Australian Consumer Price Index, Concepts, Sources and Methods* (6461.0).

Prices

4. Prices of goods and services included in the CPI are generally collected quarterly. However, some important items are priced monthly or more frequently (e.g. bread, fresh meat and fish, fresh fruit and vegetables, petrol, alcohol and tobacco) and a small number annually (e.g. seasonal clothing, local government rates and charges).

5. In order to facilitate a more even spread of field collection workload the bulk of the items for which prices are collected quarterly are priced in the first two months of each quarter (ie July/August, October/November, January/February, April/May). With a few exceptions items priced in the third month are those subject to price changes at discrete points of time (e.g. electricity and postal charges, milk); in these cases information about any changes in price during the quarter is obtained so that an average price for the whole quarter can be calculated.

Weighting pattern

6. There are 107 expenditure classes (that is, groupings of like items) in the eleventh series CPI and each expenditure class has its own weight, or measure of relative importance. In calculating the index, price changes for the various expenditure classes are combined using these weights.

7. Changes in the weighting pattern have been made at approximately five-yearly intervals to take account of changes in household spending patterns. The CPI now comprises eleven series of price indexes which have been linked to form a continuous series.

Analysis of CPI changes

8. Movements in indexes from one period to another can be expressed either as changes in *index points* or as percentage changes. The following example illustrates the method of calculating index points changes and percentage changes between any two periods:

All Groups CPI: Weighted average of eight capital cities

Index numbers:

Sept quarter 1989: 197.0 (see Table 1)

less: June quarter 1989: 192.6 (see Table 1)

Change in index points: +4.4

$$\text{Percentage change} = \frac{+4.4}{192.6} \times 100 = +2.3\%$$

9. In this publication, percentage changes are calculated to illustrate 3 different kinds of movements in index numbers:

- movements between consecutive financial years (where the index numbers for financial years are simple averages of the quarterly index numbers),
- movements between corresponding quarters of consecutive years, and
- movements between consecutive quarters.

10. Table 7 provides a detailed analysis, for the weighted average of eight capital cities, of movements in the CPI since the previous quarter, including information on movements for subgroups and for selected expenditure classes. It also shows the contribution which each group and subgroup makes to the total CPI. For instance, the dairy products subgroup contributed 2.91 index points to the total All Groups index number of 197.0 for September quarter 1989. The final column shows contributions to the change in All Groups index points by each group and subgroup.

11. Table 8 provides summary information about a range of Special series in a similar format to that provided in Table 7.

12. Information on the impact of changes in Selected State and local government charges on the CPI is included in Tables 3 and 8. Table 3 shows the contribution made by changes in these charges to the CPI for each capital city, while Table 8 shows index numbers for two special series *Selected State and local government charges* and *All Groups excluding selected State and local government charges*. An explanation of the derivation and limitations of these figures was published in the Appendix to the December quarter 1982 issue of this publication.

Related publications

13. Users may also wish to refer to the following publications which are available on request:

The Australian Consumer Price Index: Concepts Sources and Methods (6461.0)

A Guide to the Consumer Price Index (6440.0)

Information Paper: The Australian Consumer Price Index: Treatment of Mortgage Interest Charges (6442.0)

House Price Indexes: Eight Capital Cities (6416.0)

Average Retail Prices of Selected Items Eight Capital Cities (6403.0)

Next issue

14. The Consumer Price Index - March quarter 1990 (6401.0) is scheduled to be released on Wednesday 2 May 1990.

Symbols and other usages

n.a. not available

r revised

NOTE. Any discrepancies between totals and sums of components in this publication are due to rounding. For similar reasons quarterly movements shown by subgroup or group index numbers in Table 7 do not necessarily correspond exactly with those shown by the relevant index points.

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HOUSE PRICE INDEXES: EIGHT CAPITAL CITIES

ABS CATALOGUE NO. 6416.0

This Publication provides estimates of changes in housing prices for each of the eight capital cities of Australia. The information is presented in the form of price indexes constructed separately for *Established Houses* and for *Project Homes*.

The house price indexes included in this publication are those compiled for use in calculating the Mortgage Interest Charges component of the Consumer Price Index

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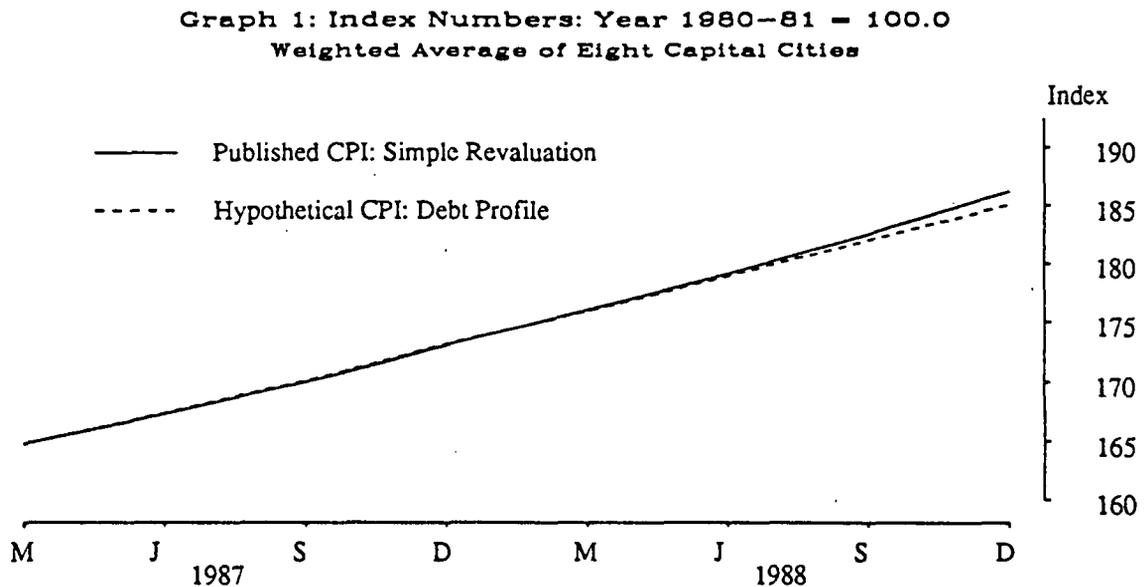
APPENDIX: New Treatment of Mortgage Interest Charges

1.1 The Australian Bureau of Statistics has improved the method of accounting for changes in mortgage interest charges in the CPI from March quarter 1989. This appendix explains the reasons for the change, and how it was implemented.

1.2 Mortgage interest charges have been included in the CPI since the last major review was completed in December 1986. In the course of that review the ABS examined two methods for treating mortgage interest charges: the simple revaluation method and the debt profile method.

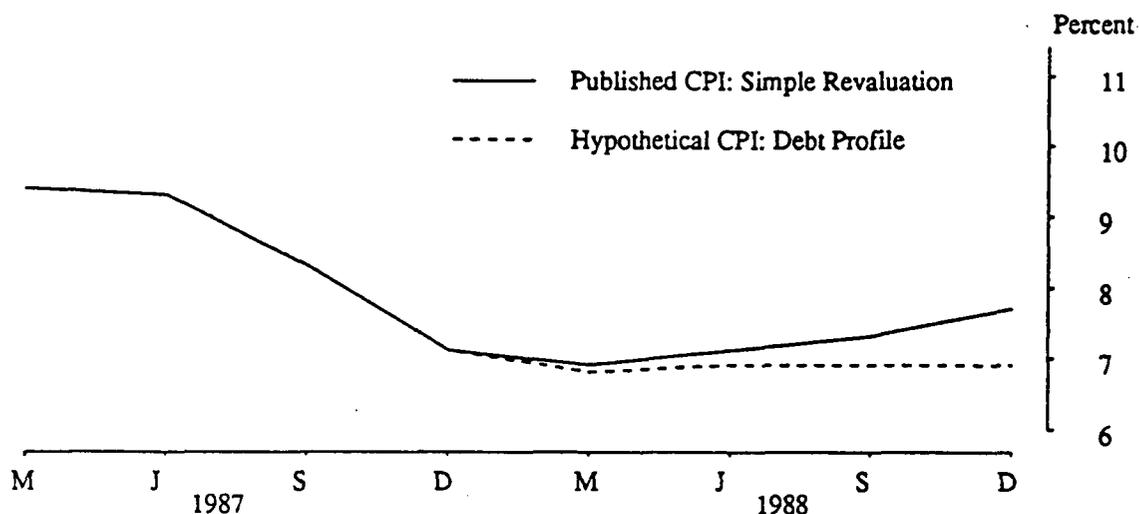
1.3 The ABS considered that the debt profile method was conceptually superior, but that the simple revaluation method was easier to understand and to explain. Studies at the time showed that the two methods could be expected to produce very similar results. For this reason, and because the ABS considered it important that the CPI be well understood and accepted by a broad range of users, the ABS decided to use the simple revaluation method.

1.4 The graph below compares the CPI All groups indexes on both bases. It shows that, for the first 18 months of the use of the simple revaluation approach, the results were similar to what they would have been if the more sophisticated debt profile method had been adopted.



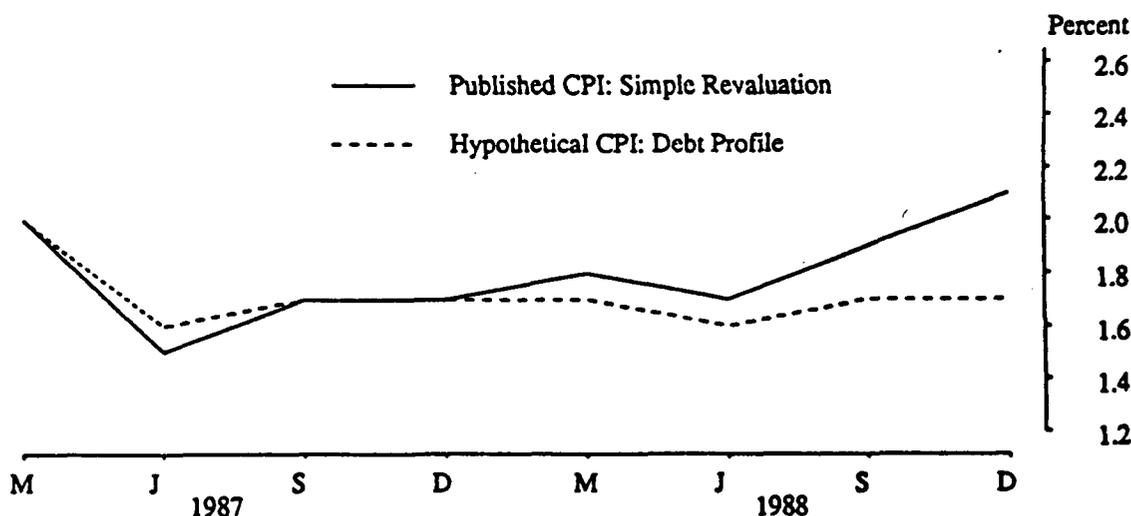
1.5 In the latter half of 1988, however, the two methods produced diverging results. For example, the annual movement in the published CPI over the year to December quarter 1988 was 7.7%, whereas the annual movement indicated by the debt profile approach was 6.9%. Only six months earlier the movements in the two series on the year-on-year basis had been virtually identical.

**Graph 2: Percentage Change on Corresponding Quarter of Previous Year
Weighted Average of Eight Capital Cities**



1.6 The next graph compares, for the same period, the percentage changes in the CPI on both bases from one quarter to the next. It shows that, up to the June quarter 1988, the quarterly movements in the two series did not differ by more than 0.1 percentage points. In the second half of the year – a period of unusually steep increases in housing prices – there was a significant divergence between movements in the actual CPI and the movements which would have occurred if the debt profile approach had been followed.

**Graph 3: Percentage Change on Previous Quarter
Weighted Average of Eight Capital Cities**



1.7 Recent experience has thus shown that the simple revaluation approach can no longer be relied upon to produce a result similar to that of the conceptually superior debt profile method.

1.8 The debt profile method is conceptually superior to the alternative because it recognises that mortgage interest charges paid by households depend on the age of the mortgage. It treats mortgages of different ages separately, and weights changes in interest charges for recent mortgages appropriately higher than interest charges for old mortgages.

1.9 Whereas the simple revaluation method takes full account of changes in housing prices immediately, the debt profile approach effectively reacts to the changes in a smoothed fashion over a period of years. The conceptual bases of the two methods and their responses to changes in housing prices are discussed more fully in an ABS Information paper (see paragraph 1.16 below).

1.10 Because of the many important uses to which published CPI figures have already been put, the published indexes have not been revised. Instead, the index number published for the March quarter 1989 is the number which would have resulted from the application of the debt profile method from the time that mortgage interest charges were introduced to the CPI two years ago. It is necessary to effect the change in the method of treatment of mortgage interest charges in this way, in order to avoid the double counting of effects (such as changes in house prices) which have already been taken into account in the series.

1.11 This means that the index number for the March quarter 1989 incorporates changes in mortgage interest charges during the past two years on the new debt profile basis, whereas the index number for the December quarter 1988 incorporated the changes in charges which had occurred up to that time on the old simple revaluation basis.

1.12 In order to provide the correct basis of comparison for the analysis of changes in the prices of goods and services over periods including December quarter 1988 and March quarter 1989, the ABS is publishing an alternate CPI series using the debt profile method for the treatment of mortgage interest charges. This series is recommended for use for analytical purposes (as distinct from statutory indexation and contract escalation purposes).

1.13 A table comparing the published CPI on the simple revaluation basis and the alternative CPI side by side from March quarter 1987 to December quarter 1988 is in Table A1. The index for the December quarter 1988 in the alternative series is 0.6% lower than the published index for the December quarter. The table also shows that the alternative series gives a lower index in December quarter 1988 for the four largest of the individual capitals, and a higher index for the four smallest capitals.

1.14 The debt profile series in the appendix have been updated to March quarter 1989, because it is the debt profile basis on which the CPI is now calculated. No figures on the old simple revaluation basis will be published beyond December quarter 1988.

1.15 Since mortgage interest charges were introduced to the CPI two years ago, the ABS has been publishing a number of special series, including for "All groups, excluding housing", "All Groups, excluding home ownership" and "All groups, excluding mortgage interest and consumer credit charges". These series will continue to be published in Table 8 of this bulletin. Neither these series nor any of the component series of the CPI which do not include mortgage interest charges are affected by a break in series.

1.16 More detailed information on the changed treatment of mortgage interest charges is given in "The Australian Consumer Price Index: Treatment of Mortgage Interest Charges" (Catalogue No. 6442.0) available from all ABS offices.

TABLE A1. CONSUMER PRICE INDEX: ALL GROUPS INDEX NUMBERS
(Base of each Index: Year 1980-81 = 100.0)
COMPARISON BETWEEN INDEX NUMBERS COMPILED USING THE SIMPLE REVALUATION AND DEBT PROFILE METHODS
(a) (b)

| Period | Sydney | | Melbourne | | Brisbane | | Adelaide | | Perth | | Hobart | | Canberra | | Darwin | | Weighted average of eight capital cities | |
|-----------|--------------------|--------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|--|--------------|
| | Simple revaluation | Debt profile | Simple revaluation | Debt profile |
| 1986-87 | 161.4 | 161.4 | 163.9 | 164.0 | 161.8 | 161.8 | 164.0 | 164.1 | 161.8 | 161.8 | 162.5 | 162.4 | 163.4 | 163.5 | 159.3 | 159.4 | 162.6 | 162.6 |
| 1987-88 | 173.7 | 173.4 | 175.9 | 176.1 | 173.1 | 173.0 | 175.0 | 175.6 | 173.3 | 173.2 | 174.4 | 174.7 | 174.7 | 175.3 | 170.6 | 171.1 | 174.5 | 174.5 |
| 1988-89 | n.a. | 186.7 | n.a. | 187.9 | n.a. | 185.1 | n.a. | 188.2 | n.a. | 185.4 | n.a. | 185.5 | n.a. | 186.4 | n.a. | 179.5 | n.a. | 186.9 |
| 1986-87 | | | | | | | | | | | | | | | | | | |
| September | 155.8 | 155.8 | 158.2 | 158.2 | 156.4 | 156.4 | 158.9 | 158.9 | 155.9 | 155.9 | 156.3 | 156.3 | 158.4 | 158.4 | 153.3 | 153.3 | 157.0 | 157.0 |
| December | 160.1 | 160.1 | 162.9 | 162.9 | 160.7 | 160.7 | 162.9 | 162.9 | 160.7 | 160.7 | 161.4 | 161.4 | 162.3 | 162.3 | 158.6 | 158.6 | 161.5 | 161.5 |
| March | 163.5 | 163.6 | 166.0 | 166.1 | 164.1 | 164.1 | 165.7 | 165.8 | 163.8 | 163.9 | 164.8 | 164.8 | 165.1 | 165.2 | 161.4 | 161.6 | 164.7 | 164.7 |
| June | 166.1 | 166.0 | 168.6 | 168.7 | 166.1 | 166.1 | 168.4 | 168.7 | 166.6 | 166.7 | 167.3 | 167.2 | 167.8 | 168.2 | 163.9 | 164.1 | 167.2 | 167.3 |
| 1987-88 | | | | | | | | | | | | | | | | | | |
| September | 169.0 | 169.1 | 171.6 | 171.8 | 168.4 | 168.5 | 170.5 | 171.1 | 169.1 | 169.2 | 170.3 | 170.4 | 170.0 | 170.7 | 166.6 | 167.0 | 170.0 | 170.1 |
| December | 171.8 | 171.8 | 174.5 | 174.8 | 171.5 | 171.6 | 173.8 | 174.5 | 171.8 | 171.8 | 172.9 | 173.3 | 173.0 | 173.8 | 169.5 | 169.9 | 172.9 | 173.0 |
| March | 175.6 | 175.2 | 177.1 | 177.2 | 174.6 | 174.5 | 176.3 | 177.0 | 174.6 | 174.6 | 175.8 | 176.2 | 176.4 | 176.9 | 171.7 | 172.3 | 176.0 | 175.9 |
| June | 178.3 | 177.6 | 180.4 | 180.6 | 177.9 | 177.5 | 179.2 | 179.9 | 177.7 | 177.3 | 178.4 | 178.7 | 179.5 | 179.9 | 174.5 | 175.0 | 179.0 | 178.8 |
| 1988-89 | | | | | | | | | | | | | | | | | | |
| September | 182.9 | 181.5 | 183.0 | 183.1 | 180.5 | 180.0 | 182.7 | 183.6 | 181.3 | 180.2 | 180.6 | 181.0 | 181.7 | 181.9 | 175.6 | 176.7 | 182.4 | 181.9 |
| December | 187.6 | 185.0 | 186.2 | 185.8 | 183.7 | 182.9 | 185.7 | 186.6 | 185.1 | 183.2 | 183.5 | 183.7 | 185.0 | 185.1 | 177.2 | 178.3 | 186.2 | 185.0 |
| March | n.a. | 187.8 | n.a. | 188.7 | n.a. | 186.4 | n.a. | 189.5 | n.a. | 187.0 | n.a. | 186.8 | n.a. | 187.2 | n.a. | 180.0 | n.a. | 188.0 |
| June | n.a. | 192.5 | n.a. | 193.8 | n.a. | 191.0 | n.a. | 193.2 | n.a. | 191.0 | n.a. | 190.3 | n.a. | 191.5 | n.a. | 182.9 | n.a. | 192.6 |
| 1989-90 | | | | | | | | | | | | | | | | | | |
| September | n.a. | 197.8 | n.a. | 198.1 | n.a. | 194.5 | n.a. | 196.5 | n.a. | 195.5 | n.a. | 193.6 | n.a. | 194.5 | n.a. | 185.5 | n.a. | 197.0 |
| December | n.a. | 201.4 | n.a. | 202.0 | n.a. | 197.9 | n.a. | 199.6 | n.a. | 199.5 | n.a. | 197.1 | n.a. | 198.8 | n.a. | 188.8 | n.a. | 200.7 |

(a) Mortgage Interest Charges were first introduced to the CPI in March quarter 1987. Prior to that quarter the change in treatment of Mortgage Interest Charges has no effect on published index numbers. (b) The published CPI index numbers are shown in bold type in this table.

TABLE A2. CONSUMER PRICE INDEX: ALL GROUPS PERCENTAGE CHANGES
COMPARISON BETWEEN PERCENTAGE CHANGES BASED ON INDEX NUMBERS COMPILED USING THE SIMPLE REVALUATION AND DEBT PROFILE METHODS (a) (b)

| Period | Sydney | | Melbourne | | Brisbane | | Adelaide | | Perth | | Hobart | | Canberra | | Darwin | | Weighted average of eight capital cities | | |
|--|--------------------|--------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|--------------------|--------------|--|--------------|--|
| | Simple revaluation | Debt profile | Simple revaluation | Debt profile | |
| 1987-88 | +7.6 | +7.4 | +7.3 | +7.4 | +7.0 | +6.9 | +6.7 | +7.0 | +7.1 | +7.0 | +7.4 | +7.6 | +6.9 | +7.2 | +7.1 | +7.3 | +7.3 | +7.3 | |
| 1988-89 | n.a. | +7.7 | n.a. | +6.7 | n.a. | +7.0 | n.a. | +7.2 | n.a. | +7.0 | n.a. | +6.2 | n.a. | +6.3 | n.a. | +4.9 | n.a. | +7.1 | |
| Change from previous year | | | | | | | | | | | | | | | | | | | |
| Change from corresponding quarter of previous year | | | | | | | | | | | | | | | | | | | |
| 1987-88 | +8.5 | +8.5 | +8.5 | +8.6 | +7.7 | +7.7 | +7.3 | +7.7 | +8.5 | +8.5 | +9.0 | +9.0 | +7.3 | +7.8 | +8.7 | +8.9 | +8.3 | +8.3 | |
| September | +7.3 | +7.3 | +7.1 | +7.3 | +6.7 | +6.8 | +6.7 | +7.1 | +6.9 | +6.9 | +7.1 | +7.4 | +6.6 | +7.1 | +6.9 | +7.1 | +7.1 | +7.1 | |
| December | +7.4 | +7.1 | +6.7 | +6.7 | +6.4 | +6.3 | +6.4 | +6.8 | +6.5 | +6.7 | +6.9 | +6.9 | +7.1 | +7.1 | +6.4 | +6.6 | +6.9 | +6.8 | |
| March | +7.3 | +7.0 | +7.0 | +7.1 | +6.9 | +6.9 | +6.4 | +6.6 | +6.4 | +6.7 | +6.6 | +6.9 | +7.0 | +7.0 | +6.5 | +6.6 | +7.1 | +6.9 | |
| June | | | | | | | | | | | | | | | | | | | |
| 1988-89 | +8.2 | +7.3 | +6.6 | +6.6 | +7.2 | +6.8 | +7.2 | +7.3 | +7.2 | +6.5 | +6.0 | +6.2 | +6.9 | +6.6 | +5.4 | +5.8 | +7.3 | +6.9 | |
| September | +9.2 | +7.7 | +6.7 | +6.3 | +7.1 | +6.6 | +6.8 | +6.9 | +7.7 | +6.6 | +6.1 | +6.0 | +6.9 | +6.5 | +4.5 | +4.9 | +7.7 | +7.1 | |
| December | n.a. | +7.2 | n.a. | +6.5 | n.a. | +6.8 | n.a. | +7.1 | n.a. | +7.1 | n.a. | +6.0 | n.a. | +5.8 | n.a. | +4.5 | n.a. | +6.9 | |
| March | n.a. | +8.4 | n.a. | +7.3 | n.a. | +7.6 | n.a. | +7.4 | n.a. | +7.7 | n.a. | +6.5 | n.a. | +6.4 | n.a. | +4.5 | n.a. | +7.7 | |
| June | | | | | | | | | | | | | | | | | | | |
| 1989-90 | n.a. | +9.0 | n.a. | +8.2 | n.a. | +8.1 | n.a. | +7.0 | n.a. | +8.5 | n.a. | +7.0 | n.a. | +6.9 | n.a. | +5.0 | n.a. | +8.3 | |
| September | n.a. | +8.9 | n.a. | +8.7 | n.a. | +8.2 | n.a. | +7.0 | n.a. | +8.9 | n.a. | +7.3 | n.a. | +7.4 | n.a. | +5.9 | n.a. | +8.5 | |
| December | | | | | | | | | | | | | | | | | | | |
| Change from previous quarter | | | | | | | | | | | | | | | | | | | |
| 1987-88 | +1.7 | +1.9 | +1.8 | +1.8 | +1.4 | +1.4 | +1.2 | +1.4 | +1.5 | +1.5 | +1.8 | +1.9 | +1.3 | +1.5 | +1.6 | +1.8 | +1.7 | +1.7 | |
| September | +1.7 | +1.6 | +1.7 | +1.8 | +1.8 | +1.8 | +1.9 | +2.0 | +1.6 | +1.5 | +1.5 | +1.7 | +1.8 | +1.8 | +1.7 | +1.7 | +1.7 | +1.7 | |
| December | +2.2 | +2.0 | +1.5 | +1.4 | +1.4 | +1.7 | +1.4 | +1.4 | +1.6 | +1.6 | +1.7 | +1.7 | +2.0 | +1.8 | +1.3 | +1.4 | +1.8 | +1.7 | |
| March | +1.5 | +1.4 | +1.9 | +1.9 | +1.6 | +1.7 | +1.6 | +1.6 | +1.8 | +1.5 | +1.5 | +1.4 | +1.8 | +1.7 | +1.6 | +1.6 | +1.7 | +1.6 | |
| June | | | | | | | | | | | | | | | | | | | |
| 1988-89 | +2.6 | +2.2 | +1.4 | +1.4 | +2.0 | +1.4 | +2.0 | +2.1 | +2.0 | +1.6 | +1.2 | +1.3 | +1.2 | +1.1 | +0.6 | +1.0 | +1.9 | +1.7 | |
| September | +2.6 | +1.9 | +1.7 | +1.8 | +1.6 | +1.6 | +1.6 | +2.1 | +1.7 | +1.5 | +1.6 | +1.5 | +1.8 | +1.8 | +0.9 | +0.9 | +2.1 | +1.7 | |
| December | n.a. | +1.5 | n.a. | +1.6 | n.a. | +1.9 | n.a. | +1.6 | n.a. | +2.1 | n.a. | +1.7 | n.a. | +1.1 | n.a. | +1.0 | +2.1 | +1.6 | |
| March | n.a. | +2.5 | n.a. | +2.7 | n.a. | +2.5 | n.a. | +2.0 | n.a. | +2.1 | n.a. | +1.9 | n.a. | +2.3 | n.a. | +1.6 | n.a. | +2.4 | |
| June | | | | | | | | | | | | | | | | | | | |
| 1989-90 | n.a. | +2.8 | n.a. | +2.2 | n.a. | +1.8 | n.a. | +1.7 | n.a. | +2.4 | n.a. | +1.7 | n.a. | +1.6 | n.a. | +1.4 | n.a. | +2.3 | |
| September | n.a. | +1.8 | n.a. | +2.0 | n.a. | +1.7 | n.a. | +1.6 | n.a. | +2.0 | n.a. | +1.8 | n.a. | +2.2 | n.a. | +1.8 | n.a. | +1.9 | |
| December | | | | | | | | | | | | | | | | | | | |

(a) Mortgage Interest Charges were first introduced to the CPI in March quarter 1987. Prior to that quarter the change in treatment of Mortgage Interest Charges has no effect on published index numbers. (b) Percentage movements based on the published CPI index numbers are shown in bold type in this table.

TABLE A3. CONSUMER PRICE INDEX: MORTGAGE INTEREST CHARGES AND COMPONENT SERIES
WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES

INDEX NUMBERS COMPILED USING THE DEBT PROFILE METHOD

| Period | Index numbers | | | Percentage changes from previous quarter (Base of each index : December qtr 1986 = 100.0) | | |
|-----------|------------------|-------------------------------|---------------------------------|--|-------------------------------|---------------------------------|
| | Mortgage Debt | Mortgage Interest Rates | Mortgage Interest Charges | Mortgage Debt | Mortgage Interest Rates | Mortgage Interest Charges |
| Quarter | | | | | | |
| 1986-87 | | | | | | |
| December | 100.0 | 100.0 | 100.0 | | | |
| March | 101.6 | 101.2 | 102.9 | +1.6 | +1.2 | +2.9 |
| June | 103.3 | 101.6 | 104.9 | +1.7 | +0.4 | +1.9 |
| 1987-88 | | | | | | |
| September | 105.0 | 101.9 | 107.0 | +1.6 | +0.3 | +2.0 |
| December | 106.7 | 100.0 | 106.7 | +1.6 | -1.9 | -0.3 |
| March | 108.7 | 97.3 | 105.8 | +1.9 | -2.7 | -0.8 |
| June | 110.9 | 95.1 | 105.5 | +2.0 | -2.3 | -0.3 |
| 1988-89 | | | | | | |
| September | 113.6 | 96.2 | 109.2 | +2.4 | +1.2 | +3.5 |
| December | 116.9 | 98.5 | 115.2 | +2.9 | +2.4 | +5.5 |
| March | 121.1 | 101.1 | 122.4 | +3.6 | +2.6 | +6.3 |
| June | 125.9 | 106.3 | 133.9 | +4.0 | +5.1 | +9.4 |
| 1989-90 | | | | | | |
| September | 130.7 | 112.7 | 147.5 | +3.8 | +6.0 | +10.2 |
| December | 135.1 | 113.6 | 153.6 | +3.4 | +0.8 | +4.1 |

TABLE A4. CONSUMER PRICE INDEX: HOUSING GROUP INDEX NUMBERS
 (Base of each Index: Year 1980-81 = 100.0)
 INDEX NUMBERS COMPILED USING THE DEBT PROFILE METHOD
 (a)

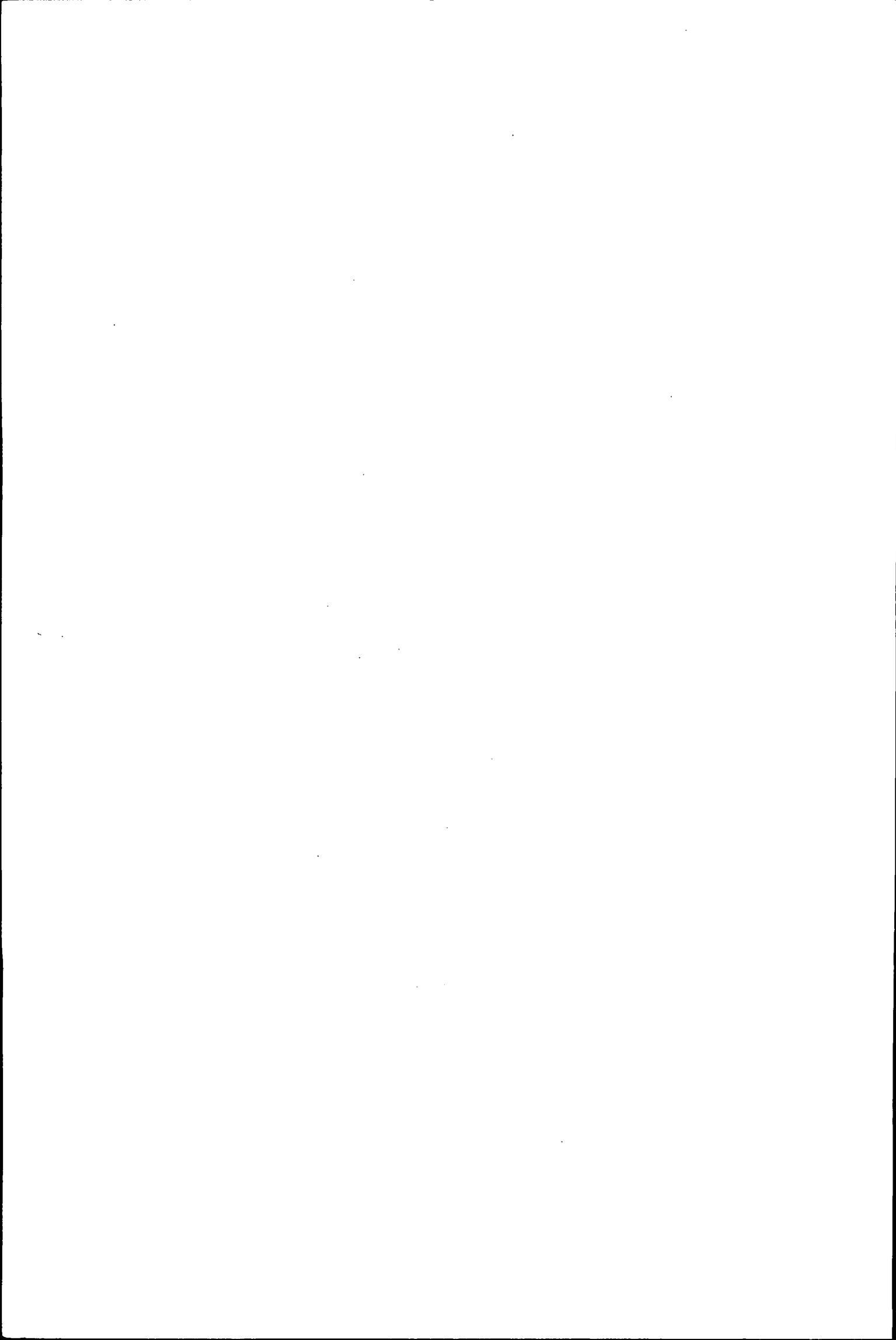
| Period | Sydney | Melbourne | Brisbane | Adelaide | Perth | Hobart | Canberra | Darwin | Weighted average of eight capital cities |
|-----------|--------|-----------|----------|----------|-------|--------|----------|--------|--|
| Quarter | | | | | | | | | |
| 1986-87 | | | | | | | | | |
| March | 160.9 | 177.2 | 157.9 | 171.7 | 157.1 | 159.3 | 178.7 | 152.2 | 166.5 |
| June | 165.3 | 181.3 | 159.3 | 174.3 | 160.1 | 161.2 | 181.0 | 154.1 | 170.1 |
| 1987-88 | | | | | | | | | |
| September | 169.2 | 185.0 | 161.4 | 177.9 | 162.1 | 164.8 | 185.1 | 158.4 | 173.5 |
| December | 171.5 | 186.4 | 163.5 | 181.1 | 163.9 | 166.8 | 186.1 | 164.5 | 175.6 |
| March | 174.4 | 187.5 | 163.2 | 180.6 | 163.4 | 166.3 | 186.0 | 165.9 | 176.9 |
| June | 177.6 | 190.1 | 164.9 | 181.7 | 163.5 | 167.0 | 186.9 | 167.4 | 179.1 |
| 1988-89 | | | | | | | | | |
| September | 183.8 | 194.5 | 167.9 | 186.6 | 168.5 | 170.0 | 190.5 | 168.9 | 184.1 |
| December | 191.4 | 201.3 | 174.3 | 192.2 | 175.9 | 175.1 | 197.1 | 171.4 | 191.1 |
| March | 199.7 | 207.3 | 179.0 | 197.2 | 182.1 | 179.9 | 201.9 | 168.9 | 197.7 |
| June | 210.8 | 218.9 | 186.6 | 204.3 | 193.4 | 186.1 | 210.7 | 174.4 | 208.1 |
| 1989-90 | | | | | | | | | |
| September | 222.3 | 230.9 | 195.7 | 212.6 | 206.6 | 193.5 | 220.0 | 180.1 | 219.3 |
| December | 230.6 | 237.2 | 202.4 | 219.0 | 215.1 | 200.0 | 229.6 | 185.5 | 226.8 |

(a) Mortgage Interest Charges were first introduced to the CPI in March quarter 1987. Prior to that quarter the change in treatment of Mortgage Interest Charges has no effect on published index numbers.

TABLE A5. CONSUMER PRICE INDEX - SPECIAL SERIES : WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES
 (Base of each Index: Year 1980-81 = 100.0)
 INDEX NUMBERS COMPILED USING THE DEBT PROFILE METHOD
 (a)

| Period | All Groups | All Groups, excluding Food | Consumer Credit Charges (b) | Mortgage interest and Consumer Credit Charges (b) | All Groups, excluding Hospital and Medical Services | All Groups, Services component | All Groups, excluding selected State and Local Government Charges |
|-----------|------------|-------------------------------|--------------------------------|--|---|-----------------------------------|--|
| Quarter | | | | | | | |
| 1986-87 | | | | | | | |
| March | 164.7 | 166.7 | 103.1 | 165.8 | 168.8 | 162.6 | 165.2 |
| June | 167.3 | 169.9 | 105.3 | 168.3 | 172.2 | | |
| 1987-88 | | | | | | | |
| September | 170.1 | 172.8 | 107.4 | 171.1 | 176.6 | 167.7 | |
| December | 173.0 | 176.0 | 107.9 | 173.8 | 179.6 | 170.5 | |
| March | 175.9 | 178.9 | 107.7 | 176.6 | 182.9 | 173.6 | |
| June | 178.8 | 181.1 | 108.0 | 179.5 | 185.2 | 176.6 | |
| 1988-89 | | | | | | | |
| September | 181.9 | 183.8 | 111.0 | 182.7 | 188.6 | 179.5 | |
| December | 185.0 | 187.0 | 115.5 | 185.6 | 194.3 | 182.6 | |
| March | 188.0 | 190.1 | 121.2 | 188.5 | 198.8 | 185.7 | |
| June | 192.6 | 194.4 | 130.3 | 193.2 | 204.4 | 190.5 | |
| 1989-90 | | | | | | | |
| September | 197.0 | 198.8 | 141.3 | 197.7 | 212.0 | 194.8 | |
| December | 200.7 | 203.2 | 146.6 | 201.3 | 218.0 | 198.3 | |

(a) Mortgage Interest Charges were first introduced to the CPI in March quarter 1987. Prior to that quarter the change in treatment of Mortgage Interest Charges has no effect on published index numbers.
 (b) Base : December quarter 1986 = 100.0.





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