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CONSUMER PRICE INDEX - JUNE QUARTER 1988

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NOTE: A table explaining the composition of the Mortgage interest charges expenditure class is shown for the first time on page 5.

MAIN FEATURES

	Change between	
	Mar. qtr 1988 and June qtr 1988 %	June qtr 1987 and June qtr 1988 %
All groups index		
Sydney	+1.5	+7.3
Melbourne	+1.9	+7.0
Brisbane	+1.9	+7.1
Adelaide	+1.6	+6.4
Perth	+1.8	+6.7
Hobart	+1.5	+6.6
Canberra	+1.8	+7.0
Darwin	+1.6	+6.5
Weighted average of eight capital cities	+1.7	+7.1

Mortgage interest charges increased in all cities except Melbourne and Adelaide where they fell.
Local government rates and charges increased in Sydney and Melbourne.

HOUSEHOLD EQUIPMENT AND OPERATION : +1.6%

Furniture prices rose in all cities.
Prices for floor coverings increased in all cities.
Prices of appliances rose in all cities.
Consumer credit charges increased in all cities.

TRANSPORTATION : -0.2%

Motor vehicle prices increased in all cities.
Petrol prices fell in all cities.
Motor vehicle servicing and repair costs increased in all cities.

TOBACCO AND ALCOHOL : +1.6%

Prices of beer, wine and spirits increased in all cities.
Cigarettes and tobacco prices increased in all cities except Sydney.

HEALTH AND PERSONAL CARE : +1.7%

Health insurance contributions increased in Melbourne, Adelaide and Perth.
The cost of prescription medicines fell in all cities mainly as a result of lower average charges for PBS prescriptions because of the increased effect of the safety net provisions.
Prices of toiletries and personal products rose in all cities.

RECREATION AND EDUCATION : +1.0%

Prices for books, newspapers and magazines rose in all cities except Canberra.
Prices for holiday travel and accommodation overseas increased for all cities except Darwin.
Entertainment charges increased in all cities.

Main price changes between March quarter 1988 and June quarter 1988 were as follows:

FOOD : +3.3%

Prices of breakfast cereals rose in all cities.
Beef and veal prices rose in all cities except Brisbane.
Lamb and mutton prices rose in all cities.
Prices of fresh fruit rose in all cities except Sydney and Canberra where they fell.
Prices of fresh vegetables increased significantly in all cities except Perth and Hobart.
Prices of meals out and take away foods increased in all cities.

CLOTHING : +3.8%

The main clothing price increases in all cities were for winter seasonal items.

HOUSING : +2.0%

Rents of privately-owned dwellings increased in all cities except Darwin where they fell slightly.

IAN CASTLES.
Australian Statistician

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* (Catalogue No. 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* (Catalogue No. 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:

March quarter 1988: 176.0 (see Table 1)

less: December quarter 1987: 172.9 (see Table 1)

Change in index points: +3.1

+3.1

Percentage change = $\frac{+3.1}{172.9} \times 100 = +1.8\%$

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. The All Groups index includes the effects of changes in prices for hospital and medical services. To facilitate analysis of trends in retail prices without the effects of these changes, Table 6 shows index numbers and percentage changes for a special series All Groups excluding hospital and medical services and compares these with changes in the All Groups index.

11. Table 8 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 2.54 index points to the total All Groups index number of 167.2 for June quarter 1987. The final column shows contributions to the change in All Groups index points by each group and subgroup.

12. Table 9 provides summary information about a range of Special series in a similar format to that provided in Table 7.

13. Information on the impact of changes in selected State and local government charges on the CPI is included in Tables 3 and 9. Table 3 shows the contribution made by changes in these charges to the CPI for each capital city, while Table 9 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.

Symbols and other usages

- nil or rounded to zero

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 8 do not necessarily correspond exactly with those shown by the relevant index points.

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

	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra	Darwin	Weighted average of eight capital cities
1984-85	136.0	138.1	137.9	138.7	136.1	136.1	138.8	135.1	137.2
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
Quarter -									
1983-84									
June	131.2	133.0	133.3	133.1	131.1	130.9	133.3	130.9	132.3
1984-85									
September	132.8	134.9	135.2	134.7	133.2	132.3	135.3	132.7	134.0
December	134.7	136.6	136.5	137.5	134.7	134.9	137.4	134.0	135.9
March	136.8	138.3	138.7	139.4	136.7	137.1	139.6	135.2	137.8
June	139.7	142.4	141.1	143.0	139.9	140.2	142.8	138.4	141.1
1985-86									
September	142.7	145.3	144.7	146.0	142.9	143.8	146.2	143.2	144.2
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

TABLE 2. CONSUMER PRICE INDEX: ALL GROUPS PERCENTAGE CHANGES

	Sydney %	Melbourne %	Brisbane %	Adelaide %	Perth %	Hobart %	Canberra %	Darwin %	Weighted average of eight capital cities %
Change from previous year									
1985-86	+8.5	+8.5	+8.0	+8.3	+8.1	+8.7	+8.6	+8.2	+8.4
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
Change from corresponding quarter of previous year									
1985-86									
June	+8.8	+8.3	+8.2	+8.0	+7.8	+8.6	+8.6	+7.9	+8.4
1986-87									
September	+9.2	+8.9	+8.1	+8.8	+9.1	+8.7	+8.3	+7.1	+8.9
December	+9.7	+10.2	+8.9	+9.3	+10.0	+10.0	+8.7	+9.3	+9.8
March	+9.4	+9.4	+8.7	+9.4	+10.3	+10.6	+8.3	+9.5	+9.4
June	+9.3	+9.3	+8.8	+9.1	+10.5	+9.9	+8.2	+9.7	+9.3
1987-88									
September	+8.5	+8.5	+7.7	+7.3	+8.5	+9.0	+7.3	+8.7	+8.3
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	+6.6	+6.6	+7.0	+6.5	+7.1
Change from previous quarter									
1985-86									
June	+1.7	+1.6	+1.1	+2.0	+1.5	+2.1	+1.7	+1.4	+1.7
1986-87									
September	+2.5	+2.6	+2.4	+2.9	+3.4	+2.7	+2.1	+2.4	+2.6
December	+2.8	+3.0	+2.7	+2.5	+3.1	+3.3	+2.5	+3.5	+2.9
March	+2.1	+1.9	+2.1	+1.7	+1.9	+1.7	+1.7	+1.8	+2.0
June	+1.6	+1.6	+1.2	+1.6	+1.7	+1.5	+1.6	+1.5	+1.5
1987-88									
September	+1.7	+1.8	+1.4	+1.2	+1.5	+1.8	+1.3	+1.4	+1.7
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

TABLE 3. CONSUMER PRICE INDEX : CHANGE BETWEEN MARCH QUARTER 1988 AND JUNE QUARTER 1988
MAIN CONTRIBUTIONS TO CHANGE IN TERMS OF ALL GROUPS INDEX POINTS

	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra	Darwin	Weighted average of eight capital cities
FOOD	+1.07	+1.27	+0.92	+0.97	+0.71	+0.67	+0.83	+0.83	+1.05
Breakfast cereals	+0.04	+0.02	+0.05	+0.03	+0.03	+0.05	+0.04	+0.04	+0.04
Beef and veal	+0.09	+0.12	-	+0.06	+0.06	+0.04	+0.05	+0.04	+0.08
Lamb and mutton	+0.06	+0.07	+0.02	+0.10	+0.08	+0.10	+0.08	+0.04	+0.07
Poultry	+0.04	+0.05	-0.01	+0.05	-0.01	+0.02	+0.06	+0.10	+0.04
Fresh fruit	-0.03	+0.20	+0.07	+0.19	+0.20	+0.08	-0.05	+0.02	+0.09
Fresh potatoes	+0.01	+0.07	+0.02	+0.09	+0.03	+0.01	-0.02	-0.02	+0.04
Fresh vegetables	+0.36	+0.33	+0.51	+0.21	-0.08	-	+0.20	+0.23	+0.30
Soft drinks and cordials	+0.04	+0.03	+0.05	+0.04	+0.02	+0.01	+0.02	+0.05	+0.04
Meals out	+0.11	+0.06	+0.09	+0.04	+0.03	+0.05	+0.04	+0.04	+0.08
Take away foods	+0.07	+0.05	+0.04	+0.02	+0.05	+0.06	+0.10	+0.02	+0.06
CLOTHING	+0.46	+0.52	+0.28	+0.45	+0.42	+0.50	+0.48	+0.23	+0.45
Men's outer clothing	+0.04	+0.03	+0.01	+0.02	+0.05	+0.03	+0.04	+0.02	+0.04
Men's knitwear	+0.04	+0.06	+0.02	+0.04	+0.05	+0.05	+0.04	-	+0.04
Boys' clothing	+0.05	+0.08	+0.03	+0.06	+0.04	+0.06	+0.09	+0.02	+0.06
Women's outer clothing	+0.11	+0.09	+0.07	+0.09	+0.07	+0.17	+0.11	+0.04	+0.10
Women's knitwear	+0.05	+0.08	+0.03	+0.04	+0.07	+0.07	+0.04	-	+0.05
HOUSING	+0.85	+0.29	+0.54	+0.07	+0.38	+0.23	+0.18	+0.31	+0.50
Privately-owned dwelling rents	+0.36	+0.10	+0.26	+0.06	+0.12	+0.06	+0.07	-0.03	+0.21
Mortgage interest charges	+0.31	-0.03	+0.22	-0.02	+0.22	+0.10	+0.07	+0.31	+0.16
Local govt. rates & charges	+0.11	+0.15	-	-	-	-	-	-	+0.08
HOUSEHOLD EQUIPMENT AND OPERATION	+0.50	+0.38	+0.57	+0.55	+0.65	+0.45	+0.89	+0.43	+0.51
Furniture	+0.17	+0.01	+0.13	+0.27	+0.22	+0.11	+0.50	+0.10	+0.14
Floor coverings	+0.06	+0.09	+0.02	+0.05	+0.06	+0.03	+0.03	+0.04	+0.06
Appliances	+0.04	+0.04	+0.02	+0.05	+0.03	+0.05	+0.03	+0.05	+0.04
Stationery	+0.05	+0.05	+0.05	+0.03	+0.04	+0.07	+0.07	-0.02	+0.04
Pet foods	+0.02	+0.03	+0.05	+0.04	+0.07	+0.03	-0.01	+0.09	+0.03
Consumer credit charges	+0.09	+0.04	+0.09	+0.05	+0.06	+0.05	+0.09	+0.06	+0.06
TRANSPORTATION	-0.48	+0.11	+0.32	-0.10	+0.34	+0.21	+0.26	+0.54	-0.06
Motor vehicles	+0.19	+0.27	+0.37	+0.23	+0.22	+0.23	+0.36	+0.34	+0.26
Automotive fuel	-0.73	-0.41	-0.30	-0.54	-0.12	-0.28	-0.22	-0.03	-0.49
Vehicle insurance	-0.02	+0.08	-	+0.01	+0.10	+0.14	-0.03	+0.03	+0.03
Vehicle servicing etc.	+0.04	+0.14	+0.19	+0.18	+0.11	+0.12	+0.11	+0.19	+0.11
TOBACCO AND ALCOHOL	+0.17	+0.24	+0.26	+0.41	+0.26	+0.35	+0.25	+0.22	+0.24
Beer	+0.06	+0.08	+0.15	+0.10	+0.17	+0.12	+0.11	+0.13	+0.09
Wine	+0.05	+0.10	+0.01	+0.11	+0.02	+0.10	+0.05	+0.05	+0.07
Spirits	+0.05	+0.03	+0.08	+0.09	+0.03	+0.06	+0.06	+0.04	+0.05
Cigarettes and tobacco	-	+0.03	+0.02	+0.11	+0.05	+0.08	+0.02	+0.02	+0.03
HEALTH AND PERSONAL CARE	+0.09	+0.30	+0.14	+0.23	+0.13	+0.07	+0.16	+0.16	+0.17
Hospital and medical services	-0.01	+0.16	+0.01	+0.16	+0.03	+0.01	+0.03	+0.03	+0.07
Dental services	+0.05	+0.04	+0.02	+0.04	+0.04	-	+0.03	+0.05	+0.04
Pharmaceuticals	-0.01	-0.01	-0.02	-0.02	-0.01	-0.03	-0.01	-	-0.01
Toiletries & personal products	+0.04	+0.05	+0.09	+0.06	+0.04	+0.06	+0.07	+0.07	+0.05
RECREATION AND EDUCATION	+0.09	+0.24	+0.32	+0.35	+0.18	+0.18	+0.06	+0.12	+0.19
Books, newspapers & magazines	+0.06	+0.06	+0.12	+0.08	+0.08	+0.04	-0.01	+0.05	+0.06
Holiday travel & accommodation overseas	+0.02	+0.01	+0.05	+0.04	+0.08	+0.12	+0.05	-	+0.03
Entertainment	+0.06	+0.03	+0.17	+0.02	+0.01	+0.04	+0.01	+0.05	+0.06
Total change	+2.7	+3.3	+3.3	+2.9	+3.1	+2.6	+3.1	+2.8	+3.0
Contribution of selected State and local government charges (a) to total change	+0.13	+0.15	+0.06	-	-	-	-	+0.04	+0.09

(a) Composition of this category is described in footnote (d) Table 9, page 11.

Mortgage Interest Charges.

With the introduction of the 11th CPI series in the March quarter 1987, the treatment of home ownership costs was changed significantly. The expenditure class *House purchase including alterations* was deleted from the CPI and replaced by a new expenditure class *Mortgage interest charges*. For more information on the reasons for the change and the conceptual alternatives considered by the ABS see the 1987 edition of *The Australian Consumer Price Index: Concepts Sources and Methods* (ABS catalogue No. 6461.0).

Measuring Price Changes for Mortgage Interest Charges.**Concepts.**

Mortgage interest charges are usually determined by applying an interest rate to an amount of outstanding debt. The base period figure of outstanding debt is regarded as representing purchasing power over a given quantum of dwellings and land. For the purpose of constructing a fixed-weight price index, what needs to be calculated in subsequent periods is the interest charge that would be incurred through financing the same (underlying) quantum of dwellings and land as was implicit in the base period. In order to do this, the base period debt figure has to be adjusted each quarter in line with movements in the prices of dwellings and land (so that it remains constant in real terms). The amount of interest charges payable can then be calculated by multiplying the revalued debt figure by an average interest rate.

From the above it can be seen that the "price" of financing a fixed quantum of dwellings and land is influenced both by changes in the dollar value of dwellings and land and by changes in interest rates.

Practice.

The ABS compiles a *house and land price index* and a *mortgage interest rate index* for each of the eight capital cities. Provided a common reference base is used, a mortgage interest charges index number can be derived directly by multiplying the house and land price index by the mortgage interest rate index and dividing the result by 100.0. Index numbers for the weighted average of the eight capital cities are calculated by weighting together the individual city indexes using mortgage interest charges relativities between cities.

Index numbers for the weighted average of the eight capital cities are presented in the table below in order that the relationships described above may be better appreciated. Similar information will be included in future issues of this publication.

**TABLE 4. CONSUMER PRICE INDEX
"MORTGAGE INTEREST CHARGES" AND COMPONENT SERIES
WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES**

Quarter	Index Numbers			Percentage Changes from previous quarter		
	House and Land Prices (a) (1)	Mortgage Interest Rates (a) (2)	Mortgage Interest Charges $\frac{(1) \times (2)}{100}$	House and Land Prices %	Mortgage Interest Rates %	Mortgage Interest Charges %
(Base of each index: December qtr 1986=100.0)						
1986-87						
December	100.0	100.0	100.0			
March	101.2	101.2	102.4	+1.2	+1.2	+2.4
June	102.4	101.6	104.0	+1.2	+0.4	+1.6
1987-88						
September	103.2	101.9	105.2	+0.8	+0.3	+1.2
December	105.0	100.0	105.0	+1.7	-1.9	-0.2
March	109.1	97.3	106.2	+3.9	-2.7	+1.1
June	113.4	95.1	107.8	+3.9	-2.3	+1.5

(a) Mainly for practical reasons, these series are lagged: the house and land prices series by 3 months (ie the June quarter index number relates to house and land sales in the March quarter) and the mortgage interest rate series by 1 month (ie the June quarter index number relates to average interest rates during the 3 months ended May).

TABLE 5. CONSUMER PRICE INDEX: WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES : PERCENTAGE CHANGES

	Food %	Clothing %	Housing %	Household equipment and operation %	Trans- portation %	Tobacco and alcohol %	Health and personal care %	Recreation and education %	All Groups %
Change from previous year									
1985-86	+7.7	+8.3	+8.5	+8.1	+8.4	+9.1	+9.2	+8.9	+8.4
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
Change from corresponding quarter of previous year									
1985-86									
June	+8.7	+10.2	+8.5	+8.6	+4.5	+10.6	+11.7	+8.9	+8.4
1986-87									
September	+9.7	+9.4	+7.9	+8.2	+7.5	+10.0	+11.5	+8.8	+8.9
December	+8.9	+10.2	+7.2	+7.4	+11.8	+10.7	+18.0	+9.0	+9.8
March	+7.9	+10.1	+7.2	+6.6	+11.2	+10.6	+18.9	+9.6	+9.4
June	+5.7	+8.5	+7.4	+7.3	+14.1	+10.9	+16.0	+9.4	+9.3
1987-88									
September	+4.4	+8.9	+7.4	+7.6	+10.6	+10.1	+14.2	+8.5	+8.3
December	+4.0	+7.6	+6.9	+6.9	+8.6	+8.7	+9.6	+7.5	+7.1
March	+4.6	+7.1	+6.6	+7.0	+6.7	+7.9	+11.0	+8.0	+6.9
June	+7.9	+7.8	+6.7	+6.3	+5.5	+7.0	+10.6	+7.5	+7.1
Change from previous quarter									
1985-86									
June	+2.3	+4.6	+1.8	+1.4	-1.6	+2.1	+4.6	+1.7	+1.7
1986-87									
September	+2.7	+0.5	+1.7	+1.7	+5.1	+2.3	+2.7	+2.7	+2.6
December	+1.6	+4.2	+1.6	+2.2	+4.6	+3.0	+7.2	+1.5	+2.9
March	+1.1	+0.6	+1.9	+1.1	+2.9	+2.8	+3.3	+3.4	+2.0
June	+0.1	+3.1	+1.9	+2.2	+0.9	+2.4	+2.1	+1.5	+1.5
1987-88									
September	+1.5	+0.8	+1.7	+1.9	+2.0	+1.5	+1.0	+1.8	+1.7
December	+1.2	+3.0	+1.2	+1.5	+2.6	+1.7	+2.9	+0.5	+1.7
March	+1.7	+0.1	+1.6	+1.2	+1.0	+2.0	+4.6	+3.9	+1.8
June	+3.3	+3.8	+2.0	+1.6	-0.2	+1.6	+1.7	+1.0	+1.7

TABLE 6. CONSUMER PRICE INDEX
COMPARISON OF 'ALL GROUPS' AND 'ALL GROUPS EXCLUDING HOSPITAL AND MEDICAL SERVICES' INDEXES:
WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES

Quarter	Index Numbers		Percentage Changes			
	(Base of each index: 1980-81=100.0)		From previous quarter		From corresponding quarter of previous year	
	All Groups	All Groups excluding hospital and medical services	All groups %	All Groups excluding hospital and medical services %	All groups %	All Groups excluding hospital and medical services %
1984-85						
December	135.9	137.3	+1.4	+1.4	+2.6	+5.3
March	137.8	139.2	+1.4	+1.4	+4.4	+5.5
June	141.1	142.6	+2.4	+2.4	+6.7	+6.8
1985-86						
September	144.2	145.8	+2.2	+2.2	+7.6	+7.7
December	147.1	148.7	+2.0	+2.0	+8.2	+8.3
March	150.5	152.1	+2.3	+2.3	+9.2	+9.3
June	153.0	154.4	+1.7	+1.5	+8.4	+8.3
1986-87						
September	157.0	158.4	+2.6	+2.6	+8.9	+8.6
December	161.5	162.6	+2.9	+2.7	+9.8	+9.3
March	164.7	165.7	+2.0	+1.9	+9.4	+8.9
June	167.2	168.2	+1.5	+1.5	+9.3	+8.9
1987-88						
September	170.0	170.9	+1.7	+1.6	+8.3	+7.9
December	172.9	173.6	+1.7	+1.6	+7.1	+6.8
March	176.0	176.7	+1.8	+1.8	+6.9	+6.6
June	179.0	179.8	+1.7	+1.8	+7.1	+6.9

TABLE 7. CONSUMER PRICE INDEX-GROUP INDEXES

Quarter	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra	Darwin	Weighted average of eight capital cities
FOOD (Base of each index: Year 1980-81=100.0)									
1985-86									
June	146.4	152.0	150.6	150.3	150.5	150.6	146.8	145.0	149.4
1986-87									
September	150.8	156.1	154.2	155.1	153.7	154.7	149.9	147.8	153.5
December	153.7	158.9	156.5	156.6	156.8	157.9	149.6	151.2	156.0
March	155.4	160.2	159.5	157.9	158.3	160.3	150.9	152.1	157.7
June	155.7	160.5	156.8	158.8	159.6	162.5	150.6	153.8	157.9
1987-88									
September	157.1	164.1	158.5	162.5	161.2	165.7	152.5	153.5	160.2
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
CLOTHING (Base of each index: Year 1980-81=100.0)									
1985-86									
June	145.1	144.6	146.1	146.9	147.2	144.8	145.9	132.6	145.4
1986-87									
September	145.0	145.9	147.1	149.0	147.2	146.9	147.5	134.9	146.1
December	151.9	151.3	153.2	154.1	153.8	151.6	153.1	140.8	152.2
March	152.9	151.8	153.8	155.6	156.1	152.2	153.1	139.8	153.1
June	156.8	157.3	157.9	160.8	160.6	156.8	159.4	143.6	157.8
1987-88									
September	158.2	158.8	159.5	161.6	160.7	158.3	160.7	145.7	159.1
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
HOUSING (Base of each index: Year 1980-81=100.0)									
1985-86									
June	151.3	168.6	152.7	164.2	146.2	153.0	172.5	145.8	157.8
1986-87									
September	154.4	171.3	154.3	166.4	149.5	153.7	173.7	147.2	160.5
December	156.9	173.9	156.1	168.6	153.3	156.8	176.3	150.3	163.1
March	160.9	176.9	157.5	170.6	156.5	159.0	177.5	151.4	166.2
June	165.4	180.1	159.1	171.9	159.4	161.7	178.0	152.6	169.4
1987-88									
September	168.9	183.4	161.1	173.4	161.2	163.6	179.4	155.8	172.3
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
HOUSEHOLD EQUIPMENT AND OPERATION (Base of each index: Year 1980-81=100.0)									
1985-86									
June	154.9	153.7	157.1	155.9	150.2	152.1	151.1	152.2	154.3
1986-87									
September	156.9	156.8	158.7	157.8	154.8	156.5	153.4	155.0	156.9
December	159.7	161.3	161.4	161.4	157.7	159.1	155.4	160.0	160.3
March	160.9	163.0	164.1	163.0	160.4	163.0	157.9	163.3	162.1
June	164.3	166.7	168.3	166.5	163.2	165.0	161.9	166.4	165.6
1987-88									
September	168.1	169.8	170.8	169.0	166.2	167.9	165.1	169.2	168.8
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

TABLE 7. CONSUMER PRICE INDEX-GROUP INDEXES-continued

Quarter	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra	Darwin	Weighted average of eight capital cities
TRANSPORTATION (Base of each index: Year 1980-81=100.0)									
1985-86									
June	161.4	149.6	158.4	160.2	153.8	158.3	160.8	149.7	156.4
1986-87									
September	169.9	156.8	165.6	169.3	163.0	166.2	166.8	156.8	164.4
December	176.2	164.5	173.8	175.9	172.5	176.4	175.4	170.4	171.9
March	181.7	169.9	178.7	179.3	175.6	181.1	180.3	174.8	176.8
June	182.6	171.0	181.7	181.8	178.0	183.8	183.4	176.4	178.4
1987-88									
September	187.7	174.7	184.1	182.5	180.8	186.5	184.5	180.5	181.9
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
TOBACCO AND ALCOHOL (Base of each index: Year 1980-81=100.0)									
1985-86									
June	174.7	168.1	160.6	170.5	174.5	174.2	174.4	181.3	171.0
1986-87									
September	178.5	171.8	163.7	174.3	181.4	179.1	177.4	184.9	174.9
December	185.1	176.8	167.1	177.4	185.5	185.6	183.5	189.7	180.2
March	190.7	181.2	172.1	181.5	190.9	192.8	188.3	195.2	185.2
June	195.7	184.8	177.0	187.0	194.7	196.7	192.5	199.4	189.7
1987-88									
September	198.7	186.8	181.0	189.4	198.0	202.7	195.4	204.3	192.6
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
HEALTH AND PERSONAL CARE (Base of each index: Year 1980-81=100.0)									
1985-86									
June	133.2	147.4	141.7	138.6	139.1	124.1	137.2	145.1	139.6
1986-87									
September	135.7	151.4	143.4	143.7	148.0	126.7	141.1	148.9	143.3
December	145.1	164.1	153.5	155.0	152.9	138.6	150.8	152.8	153.6
March	150.9	168.5	157.1	161.2	158.4	142.6	157.0	155.8	158.7
June	153.5	172.8	159.5	162.5	164.8	145.6	160.0	158.8	162.0
1987-88									
September	155.9	173.4	160.3	163.8	168.5	146.0	163.4	159.8	163.7
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
RECREATION AND EDUCATION (Base of each index: March quarter 1982=100.0)									
1985-86									
June	133.0	136.8	131.9	131.3	126.5	139.0	134.5	126.4	133.4
1986-87									
September	136.2	139.8	136.7	135.4	131.2	142.8	138.6	131.5	137.0
December	137.6	142.1	140.0	137.8	133.9	145.6	141.5	133.7	139.1
March	142.9	146.8	144.7	142.8	137.7	148.0	144.0	137.8	143.8
June	144.3	149.1	146.7	146.3	140.0	148.8	147.6	140.4	146.0
1987-88									
September	146.3	152.1	150.1	148.8	143.1	153.1	150.0	144.2	148.7
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

TABLE 8. 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)				Change between				Contribution to total CPI (expressed as All Groups index points)				Change between			
	June		June		Mar		June		Mar		June		Mar		June	
	1987	1988	1987	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988	1988
FOOD	157.9	165.0	170.4	170.4	+3.3	+7.9	32.48	33.53	32.48	33.53	+1.05					
Dairy products	153.4	161.5	163.7	163.7	+1.4	+6.7	2.68	2.72	2.68	2.72	+0.04					
Cereal products	176.2	183.1	188.3	188.3	+2.8	+6.9	3.42	3.51	3.42	3.51	+0.09					
Meat and seafoods	136.5	141.3	146.3	146.3	+3.5	+7.2	6.01	6.22	6.01	6.22	+0.21					
Beef and veal	136.3	141.5	148.4	148.4	+4.9	+8.9	1.64	1.64	1.64	1.64	+0.08					
Lamb and mutton	133.3	133.9	144.9	144.9	+8.2	+8.7	0.81	0.88	0.81	0.88	+0.07					
Pork	138.3	145.6	146.3	146.3	+0.5	+5.8	0.31	0.31	0.31	0.31	-					
Poultry	136.1	131.9	138.6	138.6	+5.1	+1.8	0.65	0.69	0.65	0.69	+0.04					
Bacon and ham	128.8	130.4	130.9	130.9	+0.4	+1.6	0.58	0.58	0.58	0.58	-					
Processed meat	132.8	138.2	140.6	140.6	+1.7	+5.9	1.17	1.19	1.17	1.19	+0.02					
Fish	171.8	193.0	194.1	194.1	+0.6	+13.0	0.85	0.85	0.85	0.85	-					
Fresh fruit and vegetables	153.1	167.3	191.7	191.7	+14.6	+25.2	2.93	3.36	2.93	3.36	+0.43					
Processed fruit and vegetables	161.2	167.9	174.9	174.9	+4.2	+8.5	1.46	1.52	1.46	1.52	+0.06					
Soft drinks, ice cream and confectionery	176.2	183.2	185.5	185.5	+1.3	+5.3	4.89	4.95	4.89	4.95	+0.06					
Meals out and take away foods	171.7	180.2	183.1	183.1	+1.6	+6.6	8.19	8.33	8.19	8.33	+0.14					
Other food	155.8	159.6	161.0	161.0	+0.9	+3.3	2.89	2.92	2.89	2.92	+0.03					
CLOTHING	157.8	163.9	170.1	170.1	+3.8	+7.8	12.00	12.45	12.00	12.45	+0.45					
Men's and boys' clothing	153.0	157.9	166.1	166.1	+5.2	+8.6	3.39	3.57	3.39	3.57	+0.18					
Women's and girls' clothing	158.2	165.3	171.1	171.1	+3.5	+8.2	5.43	5.62	5.43	5.62	+0.19					
Fabrics and knitting wool	172.6	179.5	181.5	181.5	+1.1	+5.2	-0.87	0.88	-0.87	0.88	+0.01					
Footwear	158.2	162.6	168.3	168.3	+3.5	+6.4	1.88	1.94	1.88	1.94	+0.06					
Dry cleaning and shoe repairs	164.0	173.4	178.2	178.2	+2.8	+8.7	0.42	0.44	0.42	0.44	+0.02					
HOUSING	169.4	177.2	180.8	180.8	+2.0	+6.7	24.67	25.17	24.67	25.17	+0.50					
Rents	176.9	192.4	197.2	197.2	+2.5	+11.5	8.18	8.39	8.18	8.39	+0.21					
Privately-owned dwelling rents	174.8	189.2	194.3	194.3	+2.7	+11.2	7.44	7.65	7.44	7.65	+0.21					
Government-owned dwelling rents	191.1	218.2	219.5	219.5	+0.6	+14.9	0.74	0.75	0.74	0.75	+0.01					
Home ownership	166.4	170.7	173.8	173.8	+1.8	+4.4	16.49	16.78	16.49	16.78	+0.29					
Mortgage interest charges (a)	104.0	106.2	107.8	107.8	+1.5	+3.7	10.22	10.38	10.22	10.38	+0.16					
Local government rates and charges	182.6	188.5	193.7	193.7	+2.8	+6.1	3.08	3.16	3.08	3.16	+0.08					
House repairs and maintenance	158.1	163.9	166.8	166.8	+1.8	+5.5	2.50	2.54	2.50	2.54	+0.04					
House insurance	166.1	171.7	174.0	174.0	+1.3	+4.8	0.69	0.70	0.69	0.70	+0.01					
HOUSEHOLD EQUIPMENT AND OPERATION	165.6	173.4	176.1	176.1	+1.6	+6.3	32.18	32.69	32.18	32.69	+0.51					
Fuel and light	182.4	192.7	192.9	192.9	+0.1	+5.8	4.20	4.20	4.20	4.20	-					
Furniture and floor coverings	165.9	173.3	178.2	178.2	+2.8	+7.4	7.17	7.37	7.17	7.37	+0.20					
Appliances	131.7	135.1	137.0	137.0	+1.4	+4.0	2.62	2.66	2.62	2.66	+0.04					
Household textiles	161.9	168.1	167.9	167.9	-0.1	+3.7	1.20	1.20	1.20	1.20	-					
Household utensils and tools	181.6	187.4	190.5	190.5	+1.7	+4.9	3.11	3.16	3.11	3.16	+0.05					
Household supplies and services	169.0	176.7	180.4	180.4	+2.1	+6.7	6.78	6.92	6.78	6.92	+0.14					
Postal and telephone services	146.9	157.0	157.0	157.0	-	+6.9	2.57	2.57	2.57	2.57	-					
Consumer credit charges (a)	106.3	112.3	113.9	113.9	+1.4	+7.1	4.54	4.60	4.54	4.60	+0.06					

For footnotes see page 10.

TABLE 8. CONSUMER PRICE INDEX-GROUPS, SUB-GROUPS AND SELECTED EXPENDITURE CLASSES: WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES-CONT.

Group, Sub-group and Expenditure class	Index numbers (Base of each index: Year 1980-81=100.0)				Change between				Contribution to total CPI (expressed as All Groups index points)				Change between	
	June 1987		June 1988		Mar 1988 and June 1987		June 1988 and June 1987		Mar 1988 and June 1987		June 1988 and June 1987		Mar 1988 and June 1988	
	1987	1988	1987	1988	%	%	%	%	1988	1988	1988	1988	1988	1988
TRANSPORTATION	178.4	188.6	188.2		-0.2	+5.5			30.17		30.11			-0.06
Private motoring	177.3	187.3	186.8		-0.3	+5.4			28.49		28.42			-0.07
Motor vehicles	189.7	203.6	208.6		+2.5	+10.0			10.21		10.47			+0.26
Automotive fuel	161.2	167.9	157.7		-6.1	-2.2			7.99		7.50			-0.49
Vehicle insurance	207.7	224.9	226.6		+0.8	+9.1			3.76		3.79			+0.03
Motoring charges	177.0	181.5	182.5		+0.6	+3.1			1.45		1.45			-
Tyres and tubes	142.3	150.5	155.2		+3.1	+9.1			0.41		0.42			+0.01
Vehicle servicing, repairs & parts	175.2	181.4	185.7		+2.4	+6.0			4.68		4.79			+0.11
Urban transport fares	183.3	197.0	198.1		+0.6	+8.1			1.68		1.69			+0.01
TOBACCO AND ALCOHOL	189.7	199.8	203.0		+1.6	+7.0			14.63		14.87			+0.24
Alcoholic drinks	177.8	187.2	190.8		+1.9	+7.3			10.64		10.85			+0.21
Beer	186.5	197.5	200.4		+1.5	+7.5			6.52		6.61			+0.09
Wine	152.1	156.8	161.5		+3.0	+6.2			2.09		2.16			+0.07
Spirits	169.2	178.5	183.0		+2.5	+8.2			2.03		2.08			+0.05
Cigarettes and tobacco	220.0	231.8	233.3		+0.6	+6.0			3.99		4.02			+0.03
HEALTH AND PERSONAL CARE	162.0	176.2	179.2		+1.7	+10.6			10.37		10.54			+0.17
Health services	148.3	164.8	168.2		+2.1	+13.4			5.75		5.87			+0.12
Personal care products	183.0	194.6	196.8		+1.1	+7.5			3.46		3.50			+0.04
Hairdressing services	167.4	175.6	178.4		+1.6	+6.6			1.16		1.17			+0.01
RECREATION AND EDUCATION(b)	146.0	153.3	156.9		+1.0	+7.5			19.48		19.67			+0.19
Books, newspapers and magazines	199.0	213.5	220.0		+3.0	+10.6			2.26		2.32			+0.06
Recreational goods	124.7	123.8	123.9		+0.1	-0.6			4.87		4.88			+0.01
Holiday travel and accommodation(b)	145.3	161.6	162.8		+0.7	+12.0			5.71		5.75			+0.04
Recreational services	175.8	186.3	189.2		+1.6	+7.6			4.18		4.24			+0.06
Education and child care(b)	165.9	184.1	185.2		+0.6	+11.6			2.46		2.48			+0.02
ALL GROUPS	167.2	176.0	179.0		+1.7	+7.1			176.0		179.0			+3.0

(a) Base: December quarter 1986=100.0. (b) Base: March quarter 1982=100.0.

TABLE 9. CONSUMER PRICE INDEX - SPECIAL SERIES : WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES

	Index numbers (Base of each index: Year 1980-81=100.0)				Change between			Contribution to total CPI (expressed as All Groups index points)		
	1987		1988		Mar 1988	June 1988	and %	Mar 1988	June 1988	Change between Mar qtr 1988 and June qtr 1988
	June qtr	Mar qtr	June qtr	Mar qtr	1987	1988	%	1988	1988	June qtr 1988
ALL GROUPS	167.2	176.0	179.0	179.0	+1.7	+7.1	+1.7	176.0	179.0	+3.0
SPECIAL SERIES										
All groups, excluding food	169.7	178.9	181.4	181.4	+1.4	+6.9	+1.4	143.50	145.50	+2.00
All groups, excluding housing	166.9	175.8	178.8	178.8	+1.7	+7.1	+1.7	151.31	153.85	+2.54
All groups, excluding home ownership	167.3	176.6	179.6	179.6	+1.7	+7.4	+1.7	159.49	162.25	+2.76
Mortgage interest and consumer credit charges (a)	104.7	108.0	109.6	109.6	+1.5	+4.7	+1.5	14.76	14.98	+0.22
All groups excluding mortgage interest and consumer credit charges (a)	103.4	109.1	111.0	111.0	+1.7	+7.4	+1.7	161.21	164.04	+2.83
All groups, excluding hospital and medical services	168.2	176.7	179.8	179.8	+1.8	+6.9	+1.8	171.85	174.83	+2.98
All groups, goods component (b)	165.6	173.2	176.4	176.4	+1.8	+6.5	+1.8	112.36	114.44	+2.08
All groups, services component (c)	171.9	183.1	185.8	185.8	+1.5	+8.1	+1.5	63.62	64.58	+0.96
Selected State and local government charges (d)	196.9	208.6	210.3	210.3	+0.8	+6.8	+0.8	11.43	11.52	+0.09
All groups, excluding selected State and local government charges (d)	165.1	173.7	176.8	176.8	+1.8	+7.1	+1.8	164.55	167.50	+2.95

(a) Base: December quarter 1986=100.0. (b) 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 contents insurance, repairs to appliances and postal and telephone services); 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. (c) The 'All groups, services component' comprises all items not included in the 'All groups, goods component'. (d) 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); motor vehicle registration fees; drivers' licence fees; urban bus fares (government fares only in Sydney and Melbourne, council fares only in Brisbane); urban rail and tram fares (not applicable in Hobart, Canberra and Darwin). The derivation and limitations of these figures was described in the Appendix to the December quarter 1982 issue of this publication.

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