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CONSUMER PRICE INDEX—JUNE QUARTER 1982

PHONE INQUIRIES *for more information about these statistics—contact Mr Trevor Travers on Canberra (062) 52 6251 or any of our State offices.*
other inquiries including copies of publications—contact Information Services on Canberra (062) 52 6627 or in any of our State offices.

MAIL INQUIRIES *write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any of our State offices.*

Note. Beginning with this issue the CPI will be compiled on the basis of a revised list of items and an up-dated weighting pattern—see Appendix for a summary of the main changes.

MAIN FEATURES

	Change between	
	Mar. qtr 1982 and June qtr 1982 %	June qtr 1981 and June qtr 1982 %
All groups index		
Sydney	+3.0	+11.1
Melbourne	+2.4	+10.6
Brisbane	+1.4	+10.1
Adelaide	+2.4	+10.3
Perth	+2.0	+11.3
Hobart	+1.9	+9.9
Canberra	+3.0	+11.2
Darwin	+1.8	+11.8
Weighted average of eight capital cities	+2.4	+10.7

Main price changes between March quarter 1982 and June quarter 1982 were as follows:

Food

Prices of meals out and take-away food increased in all cities.
Prices for soft drinks, ice cream and confectionery increased in all cities.
Milk prices increased in Brisbane, Perth and Darwin.
Bread prices increased in Sydney, Adelaide, Perth and Darwin.
Fresh fruit and vegetable prices fell in all cities.
Beef prices fell in Canberra and Darwin.

Clothing

Prices for winter seasonal clothing increased in all cities except Darwin.
Footwear prices increased in all cities except Canberra.

Housing

House prices and house repair and maintenance charges increased in all cities.
Private dwelling rents increased in all cities.
Local government rates and charges increased in Sydney and Melbourne.
Government dwelling rents increased in Canberra.

Household equipment and operation

Electricity charges increased in Sydney, Brisbane, Adelaide, Canberra and Darwin.
Furniture prices increased in all cities.
Prices of household supplies increased in all cities.

Transportation

Motor vehicle servicing and repair costs increased in all cities.
Petrol prices fell in Brisbane and Hobart but increased in all other cities.
Motor vehicle insurance charges increased in all cities except Brisbane and Perth.
Motor vehicle prices increased in all cities.
Motor vehicle registration charges increased in Sydney and Adelaide.

Tobacco and alcohol

Prices of alcoholic beverages increased in all cities.
Cigarette and tobacco prices increased in all cities.

Health and personal care

Health insurance charges increased in Sydney and Canberra.
Prices for personal care products increased in all cities.

Recreation and education

Entertainment charges increased in all cities except Darwin.
Prices for books, newspapers and magazines increased in all cities.
Holiday travel and accommodation charges fell in all cities except Hobart and Canberra.

R. J. CAMERON
Australian Statistician

EXPLANATORY NOTES

Review of the Consumer Price Index

A major review of the Consumer Price Index (CPI) has just been completed and its results are incorporated in the tenth CPI series which is introduced for the first time in this issue. The main changes to the CPI arising from the review are summarised in the Appendix to this publication.

2. More detailed information about the revised CPI is contained in *ABS Information Paper: Review of the Consumer Price Index* (6450.0). This paper has already been distributed to regular recipients of the quarterly CPI publication and copies can be obtained from the ABS on request.

Brief description of the CPI

3. The CPI measures quarterly changes in the price of a 'basket' of goods and services which account for a high proportion of expenditures by 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. Each group is in turn divided into sub-groups. Index numbers at the *group* and *All Groups* levels are published for each State capital city, Canberra, Darwin, and for the weighted average of eight capital cities. Index numbers for *All Groups* are also published for the weighted average of six State capital cities. *Subgroup index numbers* are published for the weighted average of eight capital cities.

4. It is important to note that the capital city indexes measure price movements over time *in each city individually*. They do *not* measure differences in retail price levels *between* cities.

5. 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.

Prices

6. 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).

7. The bulk of items for which prices are collected quarterly are priced at the middle of the mid-month of the quarter (i.e. in August, November, February and May), but, to facilitate a more even spread of the field collection workload, some goods and services are priced in the first and third months of each quarter. Items priced in the third month are generally those subject to price changes at discrete points of time (e.g. electricity and postal charges, milk); in these cases information is obtained of any changes in price during the quarter so that a weighted average price for the whole quarter can be calculated.

8. As a result of the recent review of the CPI it was decided to discontinue the collection of most food prices monthly; as a consequence, the monthly food group index numbers are no longer compiled.

Weighting pattern

9. There are 105 *expenditure classes* (that is, groupings of like items) in the tenth 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.

10. 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 ten series of price indexes which have been linked to form a continuous series. The tenth series which is introduced in this issue has a weighting pattern based, in general, on estimated household expenditure in 1979-80.

Index points and percentage changes

11. Movements in indexes from one period to another can be expressed either as percentage changes, or as changes in 'index points'. The difference between these two methods of describing movements in indexes is shown by the following example:

All Groups CPI: Weighted average of eight capital cities

Index numbers:

June quarter 1982:	114.5
Less: March quarter 1982:	111.8
Change in index points:	+2.7

$$\text{Percentage change} = \frac{+2.7}{111.8} \times 100 = +2.4\%$$

The index number of 114.5 for June quarter 1982 indicates an increase of 14.5% since the reference base year (1980-81).

12. Most of the tables in this publication show index numbers or percentage changes calculated from index numbers. However, Table 3 shows the main changes between March quarter 1982 and June quarter 1982, in terms of *All Groups index points*, for each capital city.

Special tables

13. 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 some special series. It also shows the *contribution* which each group and subgroup makes to the total CPI. For instance, the dairy produce subgroup contributed 2.32 index points to the total All Groups index number of 114.5 for June quarter 1982. The final column shows contributions to the *change in All Groups index points* by each group and subgroup.

14. 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 5 shows percentage changes for a special series *All Groups excluding hospital and medical services*, and compares these with changes in the All Groups index.

15. In this issue an additional table (Table 8) is included which shows All Groups index numbers on the new reference base (1980-81 = 100.0) for each city except Darwin, and for the weighted average of six State capital cities, back to the September quarter 1972.

Symbols and other usages

- nil or rounded to zero.
- .. not available

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.

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

	Weighted average of six State capital cities	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra	Darwin	Weighted average of eight capital cities
1978-79	83.0	82.4	83.1	83.4	83.2	84.1	83.1	82.3	..	..
1979-80	91.4	91.1	91.4	91.5	91.6	91.9	91.6	91.1	..	..
1980-81	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1981-82	110.4	110.2	110.4	110.7	110.5	111.2	110.0	110.7	111.1	110.4
<i>Quarter—</i>										
1977-78—										
June	78.8	77.9	79.3	79.3	79.4	79.9	79.2	78.0	..	..
1978-79—										
September	80.4	79.5	80.7	80.8	81.0	81.5	80.4	79.6	..	..
December	82.2	81.5	82.1	83.3	82.3	83.4	82.1	81.4	..	..
March	83.6	83.1	83.6	83.8	83.7	84.5	83.9	82.9	..	..
June	85.8	85.5	85.8	85.7	85.9	86.8	86.1	85.4	..	..
1979-80—										
September	87.8	87.4	88.1	87.7	87.6	88.3	88.2	87.6	..	..
December	90.4	89.9	90.5	90.4	90.9	91.3	90.7	89.9	..	..
March	92.4	92.3	92.1	92.8	92.6	92.9	92.6	92.2	..	..
June	95.0	94.9	94.9	95.0	95.3	95.2	94.8	94.8	..	..
1980-81—										
September	96.8	96.6	96.8	96.6	96.6	97.4	97.0	96.6	96.9	96.8
December	98.8	98.7	98.8	98.8	98.5	98.8	98.7	98.9	99.2	98.8
March	101.1	101.3	101.0	100.9	101.2	100.8	101.0	100.9	101.0	101.1
June	103.4	103.3	103.3	103.6	103.7	103.0	103.2	103.6	102.9	103.4
1981-82—										
September	105.5	105.1	105.5	106.0	105.8	106.5	105.7	105.7	105.0	105.5
December	109.9	109.4	110.1	110.1	110.0	111.2	109.7	110.0	111.3	109.9
March	111.8	111.5	111.6	112.5	111.7	112.4	111.3	111.8	113.0	111.8
June	114.5	114.8	114.3	114.1	114.4	114.6	113.4	115.2	115.0	114.5

**TABLE 2. CONSUMER PRICE INDEX : ALL GROUPS
PERCENTAGE CHANGES(a)**

	Weighted average of six State capital cities	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra	Darwin	Weighted average of eight capital cities
	%	%	%	%	%	%	%	%	%	%
<i>Change from previous year</i>										
1979-80	+10.1	+10.6	+10.0	+9.7	+10.1	+9.3	+10.2	+10.7	..	..
1980-81	+9.4	+9.8	+9.4	+9.3	+9.2	+8.8	+9.2	+9.8	..	..
1981-82	+10.4	+10.2	+10.4	+10.7	+10.5	+11.2	+10.0	+10.7	+11.1	+10.4
<i>Change from corresponding quarter of previous year</i>										
1979-80—										
June	+10.7	+11.0	+10.6	+10.9	+10.9	+9.7	+10.1	+11.0	..	..
1980-81—										
September	+10.3	+10.5	+9.9	+10.1	+10.3	+10.3	+10.0	+10.3	..	..
December	+9.3	+9.8	+9.2	+9.3	+8.4	+8.2	+8.8	+10.0	..	..
March	+9.4	+9.8	+9.7	+8.7	+9.3	+8.5	+9.1	+9.4	..	..
June	+8.8	+8.9	+8.9	+9.1	+8.8	+8.2	+8.9	+9.3	..	..
1981-82—										
September	+9.0	+8.8	+9.0	+9.7	+9.5	+9.3	+9.0	+9.4	+8.4	+9.0
December	+11.2	+10.8	+11.4	+11.4	+11.7	+12.6	+11.1	+11.2	+12.2	+11.2
March	+10.6	+10.1	+10.5	+11.5	+10.4	+11.5	+10.2	+10.8	+11.9	+10.6
June	+10.7	+11.1	+10.6	+10.1	+10.3	+11.3	+9.9	+11.2	+11.8	+10.7
<i>Change from previous quarter</i>										
1979-80—										
June	+2.8	+2.8	+3.0	+2.4	+2.9	+2.5	+2.4	+2.8	..	..
1980-81—										
September	+1.9	+1.8	+2.0	+1.7	+1.4	+2.3	+2.3	+1.9	..	..
December	+2.1	+2.2	+2.1	+2.3	+2.0	+1.4	+1.8	+2.4	+2.4	+2.1
March	+2.3	+2.6	+2.2	+2.1	+2.7	+2.0	+2.3	+2.0	+1.8	+2.3
June	+2.3	+2.0	+2.3	+2.7	+2.5	+2.2	+2.2	+2.7	+1.9	+2.3
1981-82—										
September	+2.0	+1.7	+2.1	+2.3	+2.0	+3.4	+2.4	+2.0	+2.0	+2.0
December	+4.2	+4.1	+4.4	+3.9	+4.0	+4.4	+3.8	+4.1	+6.0	+4.2
March	+1.7	+1.9	+1.4	+2.2	+1.5	+1.1	+1.5	+1.6	+1.5	+1.7
June	+2.4	+3.0	+2.4	+1.4	+2.4	+2.0	+1.9	+3.0	+1.8	+2.4

(a) Because of the changed reference base, percentage changes shown here may differ, because of rounding, from those previously published.

TABLE 3. CONSUMER PRICE INDEX
CHANGE BETWEEN MARCH QUARTER 1982 AND JUNE QUARTER 1982 IN TERMS OF ALL GROUPS INDEX POINTS(a)

	<i>Weighted average of six State capital cities</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>
Food										
Meals out and take-away food	+0.13	+0.11	+0.15	+0.15	+0.12	+0.16	+0.13	+0.10	+0.12	+0.13
Soft drinks, ice cream and confectionery	+0.08	+0.08	+0.10	+0.07	+0.08	+0.08	+0.10	+0.09	+0.10	+0.08
Cereal products	+0.08	+0.09	+0.09	+0.08	+0.05	+0.07	+0.06	+0.06	+0.06	+0.09
Dairy produce	+0.06	+0.04	+0.08	+0.12	+0.03	+0.08	+0.04	+0.03	+0.11	+0.06
Beef and veal	+0.05	+0.05	+0.04	+0.01	+0.03	+0.13	+0.07	-0.04	-0.18	+0.05
Lamb and mutton	+0.05	+0.04	+0.05	+0.03	+0.08	+0.03	+0.05	+0.03	+0.01	+0.04
Fresh fruit and vegetables	-0.15	-0.17	-0.13	-0.33	-0.02	-0.13	-0.07	-0.19	-0.21	-0.16
Other	+0.07	+0.04	+0.07	+0.05	+0.12	+0.07	+0.05	+0.11	+0.12	+0.06
Clothing										
Men's and boys' clothing	+0.10	+0.10	+0.08	+0.07	+0.13	+0.11	+0.11	+0.03	—	+0.10
Women's and girls' clothing	+0.05	+0.05	+0.03	+0.03	+0.04	+0.05	+0.12	+0.04	+0.03	+0.05
Footwear	+0.05	+0.07	+0.04	+0.05	+0.03	+0.03	+0.02	-0.01	+0.02	+0.05
Other	+0.03	+0.04	+0.03	+0.01	+0.02	+0.03	+0.02	+0.02	+0.02	+0.02
Housing										
House price, repairs and maintenance	+0.24	+0.19	+0.28	+0.30	+0.25	+0.15	+0.28	+0.20	+0.05	+0.23
Rent—privately owned dwellings	+0.14	+0.17	+0.12	+0.14	+0.08	+0.16	+0.07	+0.06	+0.08	+0.14
Local government rates	+0.11	+0.19	+0.11	—	—	—	—	—	—	+0.10
Rent—government owned dwellings	+0.01	+0.01	—	—	+0.01	—	—	+0.40	+0.04	+0.01
Household equipment and operation										
Electricity	+0.15	+0.36	—	+0.10	+0.07	—	—	+0.02	+0.21	+0.15
Furniture	+0.12	+0.20	+0.04	+0.11	+0.09	+0.08	+0.08	+0.09	+0.06	+0.12
Household cleaning agents	+0.04	+0.03	+0.04	+0.07	+0.03	+0.04	+0.03	+0.02	+0.01	+0.04
Household paper products	+0.03	+0.03	+0.03	+0.03	+0.03	+0.02	—	+0.01	+0.02	+0.03
Stationery, etc.	+0.03	+0.03	+0.03	+0.01	+0.05	+0.05	—	+0.02	+0.02	+0.03
Other	+0.16	+0.16	+0.17	+0.19	+0.24	+0.28	+0.12	+0.26	+0.17	+0.17
Transportation										
Motor vehicle service, repairs, parts	+0.22	+0.23	+0.16	+0.24	+0.27	+0.30	+0.25	+0.37	+0.16	+0.22
Petrol	+0.15	+0.12	+0.44	-0.55	+0.16	+0.11	-0.03	+0.39	+0.07	+0.15
Motor vehicle insurance	+0.07	+0.07	+0.06	—	+0.22	—	+0.09	+0.23	+0.09	+0.07
Motoring charges	+0.06	+0.13	+0.03	+0.03	+0.04	—	+0.01	+0.01	—	+0.06
Motor vehicle purchase	+0.05	+0.04	+0.05	+0.06	+0.08	+0.01	+0.01	+0.08	+0.16	+0.05
Other	+0.01	+0.02	—	+0.01	-0.01	—	+0.02	+0.02	—	+0.01
Tobacco and alcohol										
Beer	+0.10	+0.14	+0.04	+0.20	+0.03	+0.07	+0.05	+0.12	+0.38	+0.10
Wine and spirits	+0.05	+0.08	+0.03	-0.01	+0.05	+0.04	+0.03	+0.07	+0.14	+0.04
Cigarettes and tobacco	+0.07	+0.07	+0.07	+0.07	+0.06	+0.05	+0.07	+0.05	+0.08	+0.06
Health and personal care										
Hospital and medical services	+0.12	+0.29	—	+0.03	—	—	+0.02	+0.32	+0.04	+0.13
Personal care products	+0.05	+0.03	+0.06	+0.07	+0.04	+0.02	+0.04	+0.04	+0.05	+0.04
Personal care services	+0.03	+0.02	+0.02	+0.03	+0.04	+0.06	+0.03	+0.02	—	+0.02
Dental services	+0.02	+0.03	+0.01	—	+0.01	+0.02	—	+0.03	+0.01	+0.02
Recreation and education										
Entertainment	+0.10	+0.07	+0.15	+0.09	+0.10	+0.04	+0.04	+0.05	—	+0.10
Books, newspapers, magazines	+0.07	+0.06	+0.09	+0.06	+0.03	+0.04	+0.09	+0.07	+0.04	+0.07
Holiday travel and accommodation	-0.07	-0.07	-0.06	-0.06	-0.06	-0.08	+0.01	+0.06	-0.20	-0.06
Other	+0.06	+0.06	+0.06	—	+0.05	+0.04	+0.06	+0.05	+0.20	+0.05
Total change	+2.7	+3.3	+2.7	+1.6	+2.7	+2.2	+2.1	+3.4	+2.0	+2.7

(a) See notes about changes in index points in paragraphs 11 and 12.

**TABLE 4. CONSUMER PRICE INDEX : GROUP INDEXES : WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES:
PERCENTAGE CHANGES**

	<i>Food</i>	<i>Clothing</i>	<i>Housing</i>	<i>Household equipment and operation</i>	<i>Trans- portation</i>	<i>Tobacco and alcohol</i>	<i>Health and personal care (a)</i>	<i>Recreation and education(b)</i>	<i>All Groups (a)</i>
	%	%	%	%	%	%	%	%	%
<i>Change from previous year</i>									
1981-82	+8.6	+7.1	+11.1	+10.7	+10.3	+9.2	+24.2	..	+10.4
<i>Change from corresponding quarter of previous year</i>									
1981-82—									
September	+10.1	+7.2	+10.4	+9.1	+9.8	+8.1	+4.9	..	+9.0
December	+8.9	+7.7	+10.9	+10.6	+12.6	+8.9	+29.2	..	+11.2
March	+7.7	+7.1	+11.1	+10.3	+10.0	+9.4	+30.2	..	+10.6
June	+7.7	+6.5	+11.7	+12.5	+9.0	+10.1	+32.1	..	+10.7
<i>Change from previous quarter</i>									
1980-81—									
December	+2.8	+2.3	+2.6	+2.1	+1.9	+1.0	+1.1	..	+2.1
March	+2.0	+1.0	+2.1	+2.8	+3.6	+2.1	+1.6	..	+2.3
June	+1.5	+3.0	+2.8	+1.6	+4.0	+1.6	+1.0	..	+2.3
1981-82—									
September	+3.5	+0.8	+2.5	+2.3	+0.1	+3.1	+1.1	..	+2.0
December	+1.6	+2.7	+3.1	+3.5	+4.5	+1.8	+24.6	..	+4.2
March	+0.9	+0.5	+2.3	+2.6	+1.2	+2.6	+2.3	..	+1.7
June	+1.5	+2.4	+3.3	+3.6	+3.1	+2.3	+2.5	+1.2	+2.4

(a) Series includes effects of price changes in hospital and medical services; see paragraph 14. (b) See Appendix, paragraph 4.

**TABLE 5. CONSUMER PRICE INDEX :
COMPARISON OF 'ALL GROUPS EXCLUDING HOSPITAL AND MEDICAL SERVICES' AND ALL GROUPS INDEX :
WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES : PERCENTAGE CHANGES**

	<i>Change from previous quarter</i>		<i>Change from corresponding quarter of previous year</i>	
	<i>All Groups excluding hospital and medical services</i>	<i>All Groups</i>	<i>All Groups excluding hospital and medical services</i>	<i>All Groups</i>
	%	%	%	%
1980-81—				
December	+2.1	+2.1	..	..
March	+2.4	+2.3	..	..
June	+2.3	+2.3	..	..
1981-82—				
September	+2.2	+2.0	+9.3	+9.0
December	+2.9	+4.2	+10.2	+11.2
March	+1.7	+1.7	+9.4	+10.6
June	+2.4	+2.4	+9.6	+10.7

TABLE 6.
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)									
1979-80— June	94.8	94.6	94.3	95.0	94.7	94.9	94.1	..	..
1980-81— September	96.4	97.1	95.4	96.7	97.3	97.3	96.8	96.0	96.6
December	99.4	99.6	99.1	98.6	98.9	99.4	99.4	98.4	99.3
March	101.3	101.1	101.8	101.7	101.1	100.6	101.2	101.5	101.3
June	103.0	102.1	103.7	102.9	102.8	102.7	102.7	104.1	102.8
1981-82— September	105.1	107.1	106.5	106.6	109.0	106.1	105.6	107.4	106.4
December	107.6	107.9	108.7	108.0	109.9	108.9	107.5	110.5	108.1
March	108.8	108.7	110.3	109.2	109.9	108.9	108.3	111.5	109.1
June	110.1	110.8	111.2	111.4	112.1	110.8	109.2	111.9	110.7
CLOTHING (Base of each index : Year 1980-81 = 100.0)									
1979-80— June	95.8	96.1	96.6	95.9	95.5	96.0	96.0	..	..
1980-81— September	97.2	97.1	97.4	96.9	96.9	97.2	97.0	98.5	97.1
December	99.3	99.3	99.1	99.2	99.4	99.2	99.2	99.3	99.3
March	100.5	100.3	100.5	100.1	100.2	100.1	99.7	100.2	100.3
June	103.0	103.3	103.0	103.7	103.5	103.5	104.1	101.9	103.3
1981-82— September	103.9	104.2	103.9	104.5	104.0	104.1	105.1	104.6	104.1
December	106.7	106.6	107.9	107.5	106.6	106.0	107.3	107.8	106.9
March	106.8	107.2	109.3	107.8	107.6	106.5	108.2	110.5	107.4
June	109.9	109.5	111.6	110.3	110.4	109.1	109.5	111.9	110.0
HOUSING (Base of each index : Year 1980-81 = 100.0)									
1979-80— June	93.3	94.2	94.0	95.2	94.1	95.6	94.8	..	..
1980-81— September	96.2	96.3	97.1	96.8	96.1	96.8	96.1	94.9	96.4
December	98.7	98.8	98.7	99.4	100.0	99.9	98.9	100.0	98.9
March	101.0	100.9	101.1	100.7	101.4	101.1	100.5	101.7	101.0
June	104.1	104.0	103.2	103.0	102.6	102.3	104.5	103.4	103.8
1981-82— September	106.6	106.7	107.5	104.8	105.1	103.9	106.9	104.0	106.4
December	109.5	109.8	110.9	109.3	108.6	106.7	110.9	112.1	109.7
March	112.1	112.2	115.1	111.8	110.0	108.1	113.2	114.6	112.2
June	116.0	116.2	118.5	114.5	112.5	111.0	118.5	116.0	115.9
HOUSEHOLD EQUIPMENT AND OPERATION (Base of each index : Year 1980-81 = 100.0)									
1979-80— June	93.7	93.1	93.7	93.6	93.4	93.5	93.5	..	..
1980-81— September	96.3	96.6	97.1	96.9	97.6	97.2	96.2	96.6	96.7
December	98.3	98.6	99.5	99.5	99.4	98.7	98.8	98.9	98.7
March	101.7	101.7	101.0	101.1	101.1	101.7	102.0	101.1	101.5
June	103.7	103.0	102.4	102.6	101.9	102.4	103.0	103.4	103.1
1981-82— September	105.4	105.4	105.5	106.7	105.2	104.5	104.6	105.2	105.5
December	109.0	109.5	109.6	109.7	108.8	108.7	108.1	110.0	109.2
March	111.7	113.2	110.9	111.8	110.3	112.4	110.9	110.9	112.0
June	117.7	115.4	114.9	115.3	113.7	114.2	114.0	115.1	116.0

TABLE 6.
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)									
1979-80—									
June	96.3	94.9	96.2	95.6	94.8	94.3	95.6	..	..
1980-81—									
September	95.9	96.1	96.3	94.6	96.0	96.3	96.6	97.9	95.9
December	98.4	97.1	98.0	96.5	97.8	97.0	98.3	99.7	97.7
March	101.4	101.4	99.6	101.9	101.0	101.1	100.1	100.2	101.2
June	104.3	105.4	106.1	107.1	105.2	105.5	105.0	102.2	105.2
1981-82—									
September	104.3	104.3	105.9	106.6	108.6	109.3	107.2	103.6	105.3
December	109.6	108.9	112.1	110.3	111.7	111.4	111.0	107.5	110.0
March	111.6	108.4	116.0	111.8	112.5	114.1	112.3	109.7	111.3
June	115.5	112.9	114.9	116.2	114.9	116.4	119.0	112.6	114.7
TOBACCO AND ALCOHOL (Base of each index : Year 1980-81 = 100.0)									
1979-80—									
June	94.9	96.9	96.4	96.1	96.3	95.1	94.8	..	..
1980-81—									
September	97.2	98.5	98.2	98.8	97.7	97.9	96.9	97.8	97.8
December	98.2	99.3	99.2	98.8	98.8	98.5	99.5	99.1	98.8
March	101.8	100.1	100.3	100.6	100.1	100.7	101.3	100.9	100.9
June	102.7	102.0	102.2	101.8	103.4	103.0	102.3	102.2	102.5
1981-82—									
September	106.2	105.1	106.0	105.4	106.0	105.0	104.7	104.1	105.7
December	107.8	107.1	108.6	106.3	108.2	110.0	106.3	109.5	107.6
March	111.2	109.6	110.1	110.1	110.2	109.9	110.4	111.2	110.4
June	114.5	111.3	113.1	112.0	111.9	111.6	113.0	116.7	112.9
HEALTH AND PERSONAL CARE (Base of each index : Year 1980-81 = 100.0)									
1979-80—									
June	95.9	96.0	93.9	96.2	103.1	95.8	95.6	..	..
1980-81—									
September	97.8	97.2	96.4	97.7	104.6	96.2	97.2	97.6	98.1
December	98.8	100.0	99.5	98.9	98.2	99.8	99.6	99.8	99.2
March	101.0	100.9	101.6	101.1	98.5	101.3	101.1	100.7	100.8
June	102.3	101.8	102.5	102.3	98.6	102.7	102.1	101.8	101.8
1981-82—									
September	103.0	103.0	103.8	103.6	100.3	103.6	102.7	103.3	102.9
December	123.2	135.1	115.2	126.2	139.2	124.5	128.1	145.7	128.2
March	127.7	137.6	117.5	127.9	141.3	126.3	129.9	147.1	131.2
June	133.3	139.0	119.9	129.2	142.9	127.6	136.5	149.4	134.5
RECREATION AND EDUCATION(a) (Base of each index : March quarter 1982 = 100.0)									
1981-82—									
March	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
June	100.9	102.0	100.5	101.0	100.3	101.7	101.5	100.1	101.2

(a) Not comparable with previous Recreation group (see Appendix, paragraph 4).

TABLE 7. CONSUMER PRICE INDEX—INDEX NUMBERS AND INDEX POINTS CONTRIBUTIONS : 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)			
	Mar. 1982		June 1982		Mar. 1982	June 1982	Mar. qtr 1982	June qtr 1982	Change between Mar. qtr 1982 and June qtr 1982	
	June qtr 1981	Mar. qtr 1982	June qtr 1981	June qtr 1982	%	%				
FOOD	102.8	109.1	110.7		+1.5	+7.7	23.80	24.16	+0.36	
Dairy produce	104.7	116.6	119.8		+2.7	+14.4	2.26	2.32	+0.06	
Cereal products	104.0	114.7	118.5		+3.3	+13.9	2.52	2.61	+0.09	
Meat and seafoods	100.6	101.8	103.8		+2.0	+3.2	5.51	5.62	+0.11	
Beef and veal	99.3	98.0	99.9		+1.9	+0.6				+0.05
Lamb and mutton	100.4	98.7	104.1		+5.5	+3.7	2.21	2.26	+0.04	
Pork	100.7	113.2	116.7		+3.1	+15.9	0.84	0.88	+0.04	
Poultry	105.5	112.9	112.6		-0.3	+6.7	0.26	0.27	+0.01	
Other meat	103.1	109.3	111.6		+2.1	+8.2	0.69	0.69	+0.02	
Fish	98.5	100.8	99.1		-1.7	+0.6	1.04	1.06	-0.02	
Fresh fruit and vegetables	104.2	104.6	96.0		-8.2	-7.9	0.47	0.46	-0.01	
Processed fruit and vegetables	103.9	112.8	115.4		+2.3	+11.1	1.89	1.73	-0.16	
Soft drinks, ice cream and confectionery	104.0	116.6	119.7		+2.7	+15.1	1.00	1.02	+0.02	
Meals out and take-away food	103.3	111.7	114.5		+2.5	+10.8	3.08	3.16	+0.08	
Other food	101.7	106.9	108.1		+1.1	+6.3	5.18	5.31	+0.13	
CLOTHING							2.36	2.38	+0.02	
Men's and boys' clothing	103.3	107.4	110.0		+2.4	+6.5	8.75	8.96	+0.21	
Women's and girls' clothing	102.4	107.0	110.8		+3.6	+6.3	2.62	2.72	+0.10	
Piecegoods and other clothing	101.8	108.8	110.6		+1.7	+8.6	3.65	3.70	+0.05	
Footwear	103.7	106.7	110.0		+3.1	+6.1	0.52	0.52	—	
Clothing and footwear services	105.2	114.0	119.3		+4.6	+13.4	0.46	0.48	+0.02	
HOUSING										
Rent	103.8	112.2	115.9		+3.3	+11.7	15.10	15.59	+0.49	
Privately-owned dwelling rents	102.8	110.8	114.5		+3.3	+11.4	4.68	4.84	+0.16	
Government-owned dwelling rents	102.8	110.4	114.2		+3.4	+11.1				+0.14
Home ownership(a)	103.0	113.5	116.7		+2.8	+13.3	4.13	4.27	+0.14	
Local government rates and charges	104.3	113.1	116.7		+3.2	+11.9	0.55	0.56	+0.01	
Other home ownership	105.3	113.1	118.7		+5.0	+12.7	10.42	10.76	+0.34	
	104.0	113.1	116.2		+2.7	+11.7	2.08	2.18	+0.10	
HOUSEHOLD EQUIPMENT AND OPERATION							8.34	8.57	+0.23	
Fuel and light	103.1	112.0	116.0		+3.6	+12.5	15.23	15.77	+0.54	
Furniture and floor coverings	104.3	119.2	125.6		+5.4	+20.4	2.89	3.04	+0.15	
Appliances	102.6	108.3	113.3		+4.6	+10.4	2.66	2.78	+0.12	
Drapery	101.8	107.1	108.2		+1.0	+6.3	1.83	1.85	+0.02	
Household utensils and tools	103.0	108.1	110.3		+2.0	+7.1	1.00	1.02	+0.02	
Household supplies and services	105.0	112.0	114.7		+2.4	+9.2	1.59	1.63	+0.04	
Postal and telephone services	103.5	114.3	119.1		+4.2	+15.1	3.80	3.96	+0.16	
	99.2	109.5	111.3		+1.6	+12.2	1.46	1.48	+0.02	
TRANSPORTATION										
Private motoring	105.2	111.3	114.7		+3.1	+9.0	18.31	18.87	+0.56	
Motor vehicle purchase	105.4	110.4	114.2		+3.4	+8.3	16.75	17.31	+0.56	
Automotive fuel	102.9	112.2	113.3		+1.0	+10.1	4.81	4.86	+0.05	
Other motoring costs	111.4	107.2	110.4		+3.0	-0.9	5.12	5.27	+0.15	
Urban transport fares	102.4	111.8	117.8		+5.4	+15.0	6.82	7.19	+0.37	
	102.2	117.2	117.2		—	+14.7	1.56	1.56	—	

For footnotes see page 9.

TABLE 7. CONSUMER PRICE INDEX—INDEX NUMBERS AND INDEX POINTS CONTRIBUTIONS : WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES—continued

	Index numbers (Base of each index: Year 1980-81 = 100.0)				Change between				Contribution to total CPI (expressed as All Groups index points)			
	June		Mar.		Mar. qtr 1982		June qtr 1982		Mar. qtr 1982		June qtr 1982	
	1981	qtr 1982	qtr 1982	1982	1982	and 1982	1982	and 1982	1982	1982	1982	and 1982
TOBACCO AND ALCOHOL												
Alcoholic beverages	102.5	110.4	112.9		+2.3		+10.1		9.45		9.67	+0.22
Beer	102.9	111.0	113.5		+2.3		+10.3		6.79		6.94	+0.15
Wine and spirits	103.4	112.0	114.4		+2.1		+10.6		4.67		4.77	+0.10
Cigarettes and tobacco	101.7	109.0	111.5		+2.3		+9.6		2.12		2.16	+0.04
	101.5	108.9	111.5		+2.4		+9.9		2.67		2.73	+0.06
HEALTH AND PERSONAL CARE												
Health services	101.8	131.2	134.5		+2.5		+32.1		8.39		8.60	+0.21
Personal care products	100.7	146.4	150.3		+2.7		+49.3		5.31		5.45	+0.14
Personal care services	103.1	111.2	113.2		+1.8		+9.8		2.33		2.37	+0.04
	103.7	110.9	114.4		+3.2		+10.3		0.75		0.77	+0.02
RECREATION AND EDUCATION(dx)(e)												
Books, newspapers, magazines	104.7	118.2	122.7		+1.2		+17.2		12.76		12.92	+0.16
Other recreational goods	100.6	105.3	106.1		+0.8		+5.5		1.71		1.78	+0.07
Holiday travel and accommodation(c)(e)	104.3	100.0	98.4		-1.6		..		2.97		3.00	+0.03
Other recreational services	..	115.6	120.4		+4.2		+15.4		4.04		3.98	-0.06
Education and child care(d)(e)	..	100.0	101.1		+1.1		..		2.62		2.73	+0.11
	103.4	111.8	114.5		+2.4		+10.7		1.41		1.43	+0.02
ALL GROUPS									111.8		114.5	+2.7
SPECIAL SERIES												
All groups, excluding food group	103.5	112.6	115.6		+2.7		+11.7		88.00		90.38	+2.38
All groups, excluding housing group	103.3	111.7	114.3		+2.3		+10.6		96.69		98.95	+2.26
All groups, excluding hospital and medical services	103.4	110.6	113.3		+2.4		+9.6		106.99		109.61	+2.62
All groups, goods component(f)	103.5	109.8	112.4		+2.4		+8.6		79.08		80.93	+1.85
All groups, services component(g)	102.9	117.7	120.9		+2.7		+17.5		32.72		33.61	+0.89

(a) Does not include cost of land and interest charges on house purchase. (b) New group index replacing former Recreation group. (c) New subgroup index replacing former holiday accommodation subgroup. (d) New subgroup. (e) Base: March quarter 1982 = 100.0 (see Appendix, paragraph 4). (f) The special series 'All groups, goods component' comprises: the Food group (except meals out); Clothing group (except clothing and footwear services); Household equipment and operation group (except contents insurance, repairs to appliances and postal and telephone services); Tobacco and alcohol group; house repairs and maintenance goods; motor vehicle purchase; automotive fuel; tyres and tubes; vehicle service and repairs-goods; personal care products; books, newspapers and magazines; and other recreational goods. (g) The 'All groups, services component' comprises all items not included in the 'All groups' goods component.

TABLE 8. CONSUMER PRICE INDEX : ALL GROUPS : INDEX NUMBERS, 1972-73 TO 1981-82
(Base of each index : Year 1980-81 = 100.0)

	<i>Weighted average of six State capital cities</i>	<i>Sydney</i>	<i>Melbourne</i>	<i>Brisbane</i>	<i>Adelaide</i>	<i>Perth</i>	<i>Hobart</i>	<i>Canberra</i>
1972-73	41.3	41.8	41.1	41.6	40.5	40.7	40.9	41.4
1973-74	46.7	47.2	46.6	47.3	46.1	44.9	46.0	46.8
1974-75	54.5	54.9	54.3	54.6	54.4	53.1	53.8	54.1
1975-76	61.5	62.0	61.3	61.7	61.0	60.6	61.3	61.4
1976-77	70.1	69.6	70.1	70.5	70.5	70.2	70.2	69.8
1977-78	76.7	75.8	77.0	77.1	77.5	77.8	77.1	76.1
1978-79	83.0	82.4	83.1	83.4	83.2	84.1	83.1	82.3
1979-80	91.4	91.1	91.4	91.5	91.6	91.9	91.6	91.1
1980-81	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1981-82	110.4	110.2	110.4	110.7	110.5	111.2	110.0	110.7
<i>Quarter—</i>								
<i>1972-73—</i>								
September	40.2	40.6	40.0	40.3	39.4	39.9	39.8	40.2
December	40.6	41.1	40.4	40.9	39.8	40.1	40.3	40.8
March	41.5	42.0	41.3	41.8	40.7	40.9	41.1	41.7
June	42.9	43.3	42.8	43.3	42.2	42.0	42.2	42.9
<i>1973-74—</i>								
September	44.4	44.9	44.3	45.1	43.7	43.0	43.6	44.4
December	46.0	46.6	45.9	46.6	45.5	44.3	45.5	46.2
March	47.1	47.6	47.0	47.8	46.6	45.4	46.4	47.5
June	49.1	49.5	49.1	49.5	48.6	47.0	48.3	49.0
<i>1974-75—</i>								
September	51.6	52.1	51.6	52.2	51.1	49.3	50.8	51.6
December	53.5	53.9	53.2	53.9	53.3	52.3	53.4	53.3
March	55.4	55.7	55.3	55.3	55.7	54.3	54.6	54.5
June	57.4	57.8	57.2	56.8	57.5	56.5	56.3	56.8
<i>1975-76—</i>								
September	57.8	58.7	57.5	57.7	57.1	56.4	56.7	56.7
December	61.0	61.4	60.9	61.3	60.4	60.0	61.0	61.3
March	62.8	63.3	62.6	63.2	62.4	62.0	62.6	62.8
June	64.4	64.7	64.2	64.7	64.2	64.1	64.7	64.8
<i>1976-77—</i>								
September	65.9	65.8	65.7	66.3	65.9	65.7	66.3	66.2
December	69.8	69.4	69.6	70.4	70.5	70.0	70.0	69.8
March	71.4	70.9	71.5	71.9	72.0	71.6	71.4	71.0
June	73.1	72.4	73.4	73.3	73.7	73.3	73.1	72.2
<i>1977-78—</i>								
September	74.5	73.6	74.9	74.8	75.5	75.1	74.8	73.7
December	76.3	75.4	76.5	76.4	77.2	77.6	76.8	76.0
March	77.3	76.4	77.4	77.8	77.9	78.4	77.7	76.8
June	78.8	77.9	79.3	79.3	79.4	79.9	79.2	78.0
<i>1978-79—</i>								
September	80.4	79.5	80.7	80.8	81.0	81.5	80.4	79.6
December	82.2	81.5	82.1	83.3	82.3	83.4	82.1	81.4
March	83.6	83.1	83.6	83.8	83.7	84.5	83.9	82.9
June	85.8	85.5	85.8	85.7	85.9	86.8	86.1	85.4
<i>1979-80—</i>								
September	87.8	87.4	88.1	87.7	87.6	88.3	88.2	87.6
December	90.4	89.9	90.5	90.4	90.9	91.3	90.7	89.9
March	92.4	92.3	92.1	92.8	92.6	92.9	92.6	92.2
June	95.0	94.9	94.9	95.0	95.3	95.2	94.8	94.8
<i>1980-81—</i>								
September	96.8	96.6	96.8	96.6	96.6	97.4	97.0	96.6
December	98.8	98.7	98.8	98.8	98.5	98.8	98.7	98.9
March	101.1	101.3	101.0	100.9	101.2	100.8	101.0	100.9
June	103.4	103.3	103.3	103.6	103.7	103.0	103.2	103.6
<i>1981-82—</i>								
September	105.5	105.1	105.5	106.0	105.8	106.5	105.7	105.7
December	109.9	109.4	110.1	110.1	110.0	111.2	109.7	110.0
March	111.8	111.5	111.6	112.5	111.7	112.4	111.3	111.8
June	114.5	114.8	114.3	114.1	114.4	114.6	113.4	115.2

APPENDIX

TENTH SERIES OF THE CONSUMER PRICE INDEX

Changes between Ninth and Tenth series of the CPI

The Consumer Price Index is a chain of *fixed weight aggregative* linked indexes with changes in composition and weighting made at relatively short intervals. Links have been effected on eight previous occasions (the last as at September quarter 1976) and a further link has now been made as at March quarter 1982. Beginning with the June quarter 1982, therefore, price changes are measured on the basis of a new list of items and weights: the *tenth series* of the CPI.

2. During each period between links the weighting pattern of the CPI remains unchanged. At times of linking the weighting pattern is brought up to date, the composition of the index revised, and, in accordance with established practice, the new CPI linked to its predecessors to form one continuous series. The linking process involves assessing average percentage price movements on one weighting pattern up to the time of the link and on another weighting pattern thereafter. This ensures that the resultant continuous series reflects only price variations and not differences in cost of the old and new combinations and lists of items. The introduction of new items and weights by linking does not, of itself, raise or lower the level of the index.

3. The tenth series of the CPI incorporates a number of changes which are described in detail in *ABS Information Paper: Review of the Consumer Price Index* (6450.0) which is available from the ABS on request. The main changes may be summarised as follows:

- (a) The *geographic coverage* of the CPI has been expanded to include Darwin and detailed information on the CPI is now published for the weighted average of eight capital cities.
- (b) The *reference base* has been changed from 1966-67 = 100.0 to 1980-81 = 100.0 (but see paragraph 4 below).
- (c) The *weighting pattern* has been revised to reflect, in general, estimated household expenditure in 1979-80.
- (d) The *composition* of the CPI has been expanded to include four major new areas of expenditure (holiday travel and accommodation overseas, pharmaceutical prescriptions, education fees and child care fees).
- (e) The *frequency* with which prices of goods and services included in the CPI are collected has been reviewed and a number of changes made, the most significant being that most food prices are now collected quarterly instead of monthly.

4. Because there are significant differences in the composition of the old Recreation group and the new Recreation and education group these two series have not been linked at March quarter 1982. Instead the new Recreation and education group index, and its component subgroup indexes for holiday travel and accommodation and education and child care, commence at March quarter 1982.

5. In addition to the usual tables this issue also contains a table (Table 8) showing CPI index numbers on the new (1980-81 = 100.0) reference base at the All Groups level for each city except Darwin, and for the weighted average of the six State capital cities, back to September quarter 1972.

Conversion between Old and New reference bases

6. For users who require index numbers on the old (1966-67 = 100.0) base for periods after the March quarter 1982, it is possible to derive arithmetic conversion factors to enable this to be done. For example:

- (a) For the All Groups index for Sydney, the arithmetic factor is obtained as follows:

Index number for Year 1980-81 (on base 1980-81 = 100.0) is 100.0
 Index number for Year 1980-81 (on base 1966-67 = 100.0) is 320.8
 Conversion factor $\frac{320.8}{100.0} = 3.208$

The factor 3.208 may be applied to any All Groups index number for Sydney on the new (1980-81 = 100.0) reference base to give the corresponding number on the old (1966-67 = 100.0) reference base.

- (b) The same procedure may be followed in respect of any specific index series for which 1980-81 index numbers have been published on both reference bases.

7. The reverse conversion can also be made. Thus, to convert the All Groups index number for Sydney from the old (1966-67 = 100.0) reference base to the new (1980-81 = 100.0) reference base, the conversion factor applied is obtained as follows:

$$\begin{aligned} \text{Index number for Year 1980-81 (on base 1966-67 = 100.0) is } & 320.8 \\ \text{Index number for Year 1980-81 (on base 1980-81 = 100.0) is } & 100.0 \\ \text{Conversion Factor } \frac{100.0}{320.8} = & 0.3117 \end{aligned}$$

The factor 0.3117 may be applied to any All Groups index number for Sydney on the old (1966-67 = 100.0) reference base to give the corresponding index number on the new (1980-81 = 100.0) reference base.

8. The following table contains the conversion factors required to convert All Groups index numbers for each capital city except Darwin, and the weighted average of the six State capital cities, from one reference base to the other. Users who wish to convert index numbers for which conversion factors are not shown, or cannot be derived from published index numbers, should contact the ABS for assistance.

CPI ALL GROUPS INDEX NUMBERS: CONVERSION FACTORS

	<i>Factors for conversion of index numbers</i>	
	<i>From base year 1980-81 = 100.0 to base year 1966-67 = 100.0</i>	<i>From base year 1966-67 = 100.0 to base year 1980-81 = 100.0</i>
Weighted average of Six State Capital cities	3.142	0.3183
Sydney	3.208	0.3117
Melbourne	3.091	0.3235
Brisbane	3.093	0.3233
Adelaide	3.120	0.3205
Perth	3.127	0.3198
Hobart	3.101	0.3225
Canberra	3.051	0.3278