

CONSUMER PRICE INDEX, DECEMBER QUARTER 1992

MAIN FEATURES

Weighted average of eight capital cities	Change between—	
	Sep qtr 1992 and Dec qtr 1992	Dec qtr 1991 and Dec qtr 1992
	%	%
Food	0.7	1.1
Clothing	1.1	1.2
Housing	-0.6	-6.4
Household equipment and operation	0.1	-0.2
Transportation	0.0	1.5
Tobacco and alcohol	2.7	7.6
Health and personal care	1.1	1.5
Recreation and education	1.0	1.3
All groups	0.5	0.3
All groups excluding housing	0.7	1.6
All groups excluding tobacco and alcohol	0.3	-0.3

SUMMARY OF FINDINGS

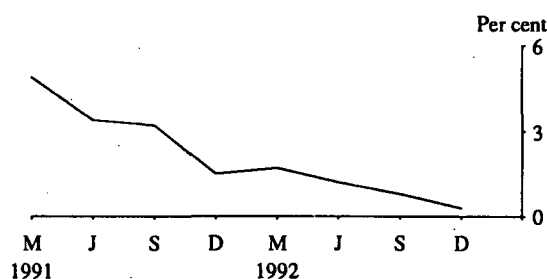
Overview

The All groups CPI increased 0.5 per cent between the September and December quarters 1992, resulting in an annual increase (December quarter 1992 on December quarter 1991) of 0.3 per cent - the lowest annual movement since March quarter 1963 (+0.3%).

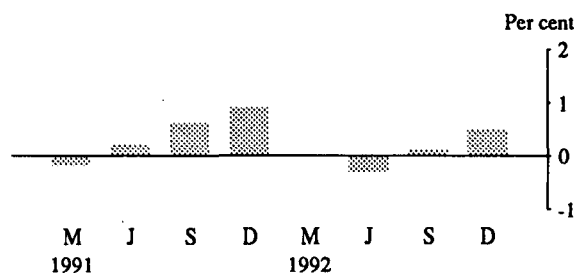
INQUIRIES

- for further information about statistics in this publication and the availability of related unpublished statistics, contact **Information Services** on Canberra (06) 252 6627 or any ABS State office.
- for more detailed information about these statistics, contact **Bohdan Stankewytsch** on Canberra (06) 252 6251 or any ABS State office.
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ALL GROUPS - ANNUAL MOVEMENT



ALL GROUPS - QUARTERLY MOVEMENT



The low annual movement recorded this quarter reflects a number of influences.

Mortgage interest charges have fallen by 17.2 per cent since December quarter 1991, mainly due to a fall in mortgage interest rates of 22.0 per cent.

Consumer credit charges have fallen by 11.1 per cent, mainly due to a fall in consumer interest rates of 12.9 per cent.

Fresh fruit and vegetable prices have fallen by 10.2 per cent.

The cost of holiday travel and accommodation overseas has fallen by 9.4 per cent, mainly due to reductions in airfares and prices of package tours.

The most significant positive influences were exerted by cigarettes and tobacco prices (up 19.3 per cent), petrol (up 2.9 per cent) and education fees (up 7.8 per cent).

Main contributions to quarterly change

The four groups having the most influence on the quarterly change in the All groups index were Tobacco and alcohol, Food, Recreation and education, and Housing.

Tobacco and alcohol: +2.7%

The Tobacco and alcohol group is the largest contributor to the change in the All groups index this quarter, largely due to an increase in cigarette and tobacco prices of 7.1 per cent.

Cigarette and tobacco prices increased in all cities, ranging from 2.9 per cent in Melbourne to 36.9 per cent in Brisbane. The large increase in Brisbane is a result of a significant increase (from 30 to 75 per cent) in the State Tobacco Licensing Fee from 1 October. Increases in other cities mainly reflect the flow-on effect of price rises during the September quarter. On a national average basis, cigarette and tobacco prices have increased by 19.3 per cent since December quarter 1991.

Food: +0.7%

The increase results mainly from substantial increases in prices of fresh vegetables (+13.9%), fresh potatoes (+22.6%), and fish (+4.4%), partially offset by falls in prices of cheese (-3.2%), beef and veal (-1.8%), fresh fruit (-1.6%), and lamb and mutton (-2.1%).

Over the 12 months to December quarter 1992, fresh fruit prices fell 11.0 per cent, fresh potato prices increased 7.5 per cent, and prices of other fresh vegetables fell by 13.3 per cent.

Recreation and education: +1.0%

Increases in holiday travel and accommodation costs overseas (+6.6%), prices of sports and photographic equipment (+1.5%), and entertainment charges (+0.7%) were partially offset by a fall in the cost of holiday travel and accommodation in Australia (-0.3%).

Increases in the cost of holiday travel and accommodation overseas were recorded in all cities, ranging from 3.6 per cent in Darwin to 11.5 per cent in Hobart, and can be mainly attributed to increases in airfares. Despite the significant increase this quarter, costs are still 9.4 per cent lower than in December quarter 1991.

Housing: -0.6%

The decrease in housing costs results from a fall in mortgage interest charges (-3.1%) partially offset by an increase in local government rates and charges.

The fall in mortgage interest charges reflects a slight increase in the value of the debt outstanding (+1.4%) combined with a decrease in interest rates (-4.4%). The fall in interest rates this quarter mainly reflects the flow-on effect of rate changes during the September quarter and represents the eleventh consecutive quarter in which a fall has been recorded.

Local government rates and charges increased in all cities, ranging from 2.1 per cent in Hobart to 12.2 per cent in Canberra. This component of the CPI includes both council rates and charges, and water, sewerage and drainage rates. They are included in the CPI because they either relate to specific services used by households or they represent an inescapable expense of home ownership.

For purely practical reasons, the ABS has adopted the convention of reflecting changes in annual rates in specific quarters. In the December quarter, the CPI includes changes in sewerage and drainage rates and charges, as well as changes in general rates and charges, for all cities except Sydney and Melbourne. In Sydney and Melbourne, changes in general rates and charges are measured in the June quarter. The effect of the State Deficit Levy of \$100, introduced by the Victorian State Government during the December quarter, will therefore be reflected in the CPI for the June quarter 1993, together with any other changes in general rates in Melbourne.

CONSUMER PRICE INDEX- ALL GROUPS PERCENTAGE CHANGES

	Change between—	
	Sep qtr 1992 and Dec qtr 1992	Dec qtr 1991 and Dec qtr 1992
	%	%
Sydney	0.5	0.3
Melbourne	0.3	-0.2
Brisbane	1.1	0.7
Adelaide	0.5	1.7
Perth	0.6	0.0
Hobart	0.4	0.6
Darwin	0.3	0.9
Canberra	0.4	1.0
Weighted average of eight capital cities	0.5	0.3

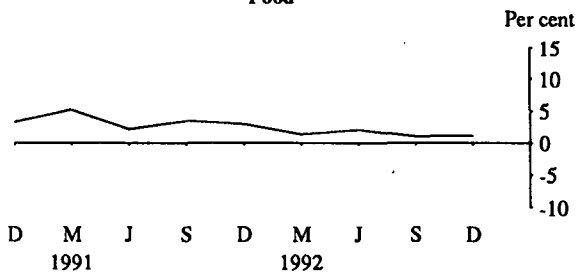
IAN CASTLES
Australian Statistician

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

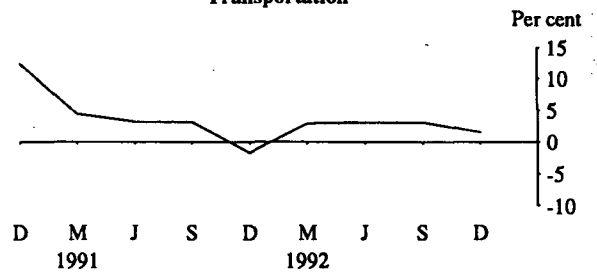
All Groups



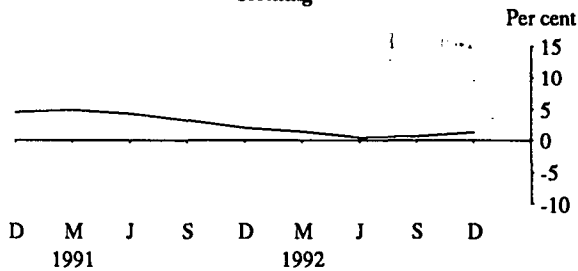
Food



Transportation



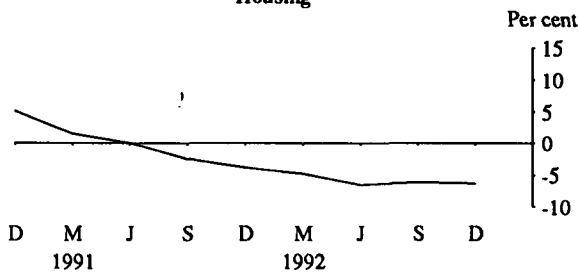
Clothing



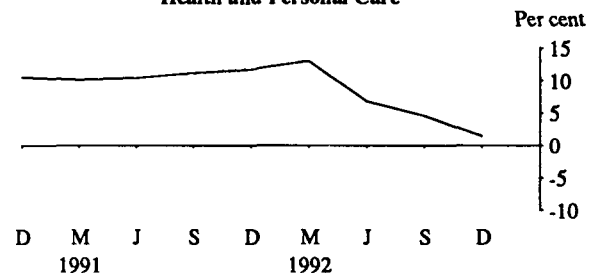
Tobacco and Alcohol



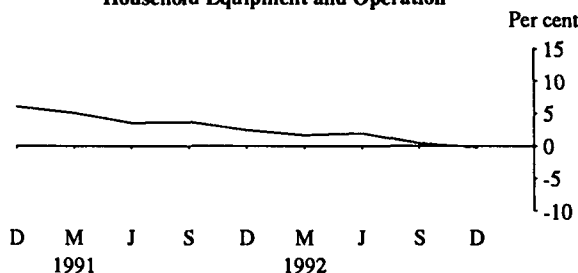
Housing



Health and Personal Care



Household Equipment and Operation



Recreation and Education

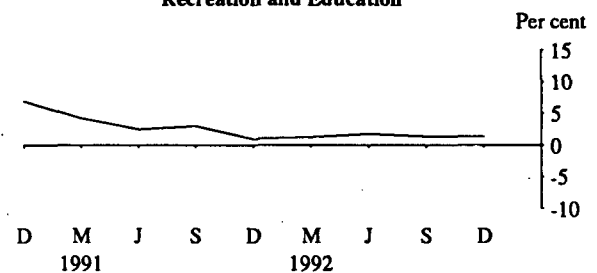


TABLE 1. CONSUMER PRICE INDEX: ALL GROUPS INDEX NUMBERS
(Base of each index: Year 1989-90 = 100.0)

Period	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	Weighted average of eight capital cities
1988-89	92.5	92.3	93.0	93.3	92.3	93.4	94.2	93.1	92.6
1989-90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1990-91	104.9	105.8	104.9	106.2	105.1	104.9	105.7	105.1	105.3
1991-92	106.7	108.1	107.0	108.9	105.9	107.1	108.0	107.8	107.3
1988-89— December	92.4	91.5	92.2	92.3	91.8	92.5	93.3	92.4	92.0
March	92.5	92.7	93.5	94.2	92.7	94.2	94.7	93.5	92.9
June	94.8	95.2	95.8	96.0	94.7	96.0	96.3	95.7	95.2
1989-90— September	97.4	97.3	97.6	97.7	96.9	97.6	97.6	97.2	97.4
December	99.2	99.2	99.3	99.2	98.9	99.4	99.4	99.3	99.2
March	100.9	100.7	100.8	100.6	101.2	101.0	100.6	101.2	100.9
June	102.5	102.7	102.2	102.5	102.9	101.9	102.4	102.3	102.5
1990-91— September	103.1	103.5	102.8	103.8	103.7	103.0	103.5	103.1	103.3
December	105.5	106.6	105.4	106.9	106.2	105.5	106.4	106.0	106.0
March	105.7	106.1	105.7	106.7	105.2	105.2	106.1	105.5	105.8
June	105.4	106.8	105.7	107.3	105.1	105.8	106.6	105.6	106.0
1991-92— September	106.0	107.6	106.1	108.0	105.7	106.7	106.9	107.0	106.6
December	107.1	108.4	107.3	108.8	106.1	107.4	108.2	107.9	107.6
March	107.0	108.3	107.5	109.5	106.1	107.4	108.3	108.2	107.6
June	106.5	108.2	107.0	109.4	105.6	107.0	108.4	107.9	107.3
1992-93— September	106.9	107.9	106.9	110.1	105.5	107.6	108.9	108.6	107.4
December	107.4	108.2	108.1	110.7	106.1	108.0	109.2	109.0	107.9

TABLE 2. CONSUMER PRICE INDEX: ALL GROUPS PERCENTAGE CHANGES

Period	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	Weighted average of eight capital cities
Change from previous year									
1989-90	8.1	8.3	7.5	7.2	8.3	7.1	6.2	7.4	8.0
1990-91	4.9	5.8	4.9	6.2	5.1	4.9	5.7	5.1	5.3
1991-92	1.7	2.2	2.0	2.5	0.8	2.1	2.2	2.6	1.9
Change from corresponding quarter of previous year									
1990-91— December	6.4	7.5	6.1	7.8	7.4	6.1	7.0	6.7	6.9
March	4.8	5.4	4.9	6.1	4.0	4.2	5.5	4.2	4.9
June	2.8	4.0	3.4	4.7	2.1	3.8	4.1	3.2	3.4
1991-92— September	2.8	4.0	3.2	4.0	1.9	3.6	3.3	3.8	3.2
December	1.5	1.7	1.8	1.8	-0.1	1.8	1.7	1.8	1.5
March	1.2	2.1	1.7	2.6	0.9	2.1	2.1	2.6	1.7
June	1.0	1.3	1.2	2.0	0.5	1.1	1.7	2.2	1.2
1992-93— September	0.8	0.3	0.8	1.9	-0.2	0.8	1.9	1.5	0.8
December	0.3	-0.2	0.7	1.7	0.0	0.6	0.9	1.0	0.3
Change from previous quarter									
1990-91— December	2.3	3.0	2.5	3.0	2.4	2.4	2.8	2.8	2.6
March	0.2	-0.5	0.3	-0.2	-0.9	-0.3	-0.3	-0.5	-0.2
June	-0.3	0.7	0.0	0.6	-0.1	0.6	0.5	0.1	0.2
1991-92— September	0.6	0.7	0.4	0.7	0.6	0.9	0.3	1.3	0.6
December	1.0	0.7	1.1	0.7	0.4	0.7	1.2	0.8	0.9
March	-0.1	-0.1	0.2	0.6	0.0	0.0	0.1	0.3	0.0
June	-0.5	-0.1	-0.5	-0.1	-0.5	-0.4	0.1	-0.3	-0.3
1992-93— September	0.4	-0.3	-0.1	0.6	-0.1	0.6	0.5	0.6	0.1
December	0.5	0.3	1.1	0.5	0.6	0.4	0.3	0.4	0.5

TABLE 3. CONSUMER PRICE INDEX : CHANGE BETWEEN SEPTEMBER QUARTER 1992 AND DECEMBER QUARTER 1992
MAIN CONTRIBUTIONS TO CHANGE IN TERMS OF ALL GROUPS INDEX POINTS

<i>Item</i>	<i>Sydney</i>	<i>Melbourne</i>	<i>Brisbane</i>	<i>Adelaide</i>	<i>Perth</i>	<i>Hobart</i>	<i>Darwin</i>	<i>Canberra</i>	<i>Weighted average of eight capital cities</i>
FOOD	0.19	0.02	0.27	0.14	0.10	0.04	0.25	0.09	0.13
Cheese	-0.01	-0.01	0.01	-0.04	-0.06	0.02	0.00	0.00	-0.01
Bread	0.00	0.00	0.03	-0.03	0.05	0.00	0.00	0.01	0.01
Beef and veal	0.00	-0.04	-0.01	0.00	-0.02	-0.02	-0.02	0.00	-0.01
Bacon and ham	0.02	-0.03	-0.01	0.00	0.00	0.00	-0.01	-0.02	-0.01
Fish	0.03	0.00	0.01	0.01	0.00	0.01	0.02	0.02	0.02
Fresh fruit	0.00	-0.03	-0.02	-0.03	0.00	0.02	0.01	-0.02	-0.01
Fresh potatoes	0.03	0.04	0.03	0.04	0.01	0.02	0.02	0.04	0.03
Fresh vegetables	0.10	0.06	0.08	0.12	-0.01	0.01	0.05	0.07	0.07
Soft drinks and cordials	-0.01	-0.01	0.02	-0.03	0.00	0.00	-0.01	0.00	-0.01
Take away foods	-0.03	0.01	0.02	0.03	0.06	0.03	0.06	0.01	0.01
CLOTHING	0.05	0.10	0.12	0.07	0.06	0.12	0.03	0.06	0.07
Men's outer clothing	0.01	0.03	0.01	0.02	0.00	0.00	0.00	0.02	0.01
Boys' clothing	0.01	0.01	0.02	0.02	0.03	0.02	0.00	0.03	0.02
Women's outer clothing	0.03	0.00	0.03	0.03	0.04	0.02	0.02	0.01	0.02
Children's footwear	0.00	0.04	0.06	0.00	0.00	0.01	0.00	0.00	0.02
HOUSING	-0.09	-0.16	-0.06	-0.24	-0.09	-0.08	0.00	0.09	-0.12
Mortgage interest charges	-0.16	-0.27	-0.15	-0.32	-0.20	-0.15	-0.13	-0.26	-0.22
Local government rates and charges	0.08	0.09	0.09	0.11	0.05	0.05	0.07	0.24	0.09
HOUSEHOLD EQUIPMENT AND OPERATION	-0.06	0.14	-0.12	-0.01	0.12	0.06	-0.09	-0.06	0.02
Electricity	0.00	0.12	0.00	0.00	0.00	0.04	0.06	0.00	0.03
Gas	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Furniture	0.02	0.11	0.00	0.18	0.23	0.06	0.00	0.06	0.08
Appliances	0.00	0.01	-0.03	-0.03	-0.02	-0.01	0.01	-0.01	-0.01
Tools	-0.01	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Consumer credit charges	-0.11	-0.11	-0.12	-0.14	-0.13	-0.07	-0.16	-0.10	-0.11
TRANSPORTATION	-0.03	0.00	-0.08	0.24	-0.06	0.19	0.01	0.04	0.00
Motor vehicles	0.03	0.02	0.00	0.07	0.02	0.05	0.01	0.04	0.02
Automotive fuel	-0.03	-0.05	-0.10	0.18	-0.09	0.06	0.00	-0.02	-0.03
Vehicle insurance	-0.04	0.01	0.01	-0.01	0.03	0.03	0.00	-0.02	0.00
TOBACCO AND ALCOHOL	0.11	0.06	0.99	0.29	0.11	-0.13	0.32	0.14	0.23
Beer	0.00	0.00	-0.02	0.12	0.00	-0.20	0.02	0.03	0.01
Spirits	-0.01	0.00	0.02	0.02	-0.01	-0.01	0.00	0.00	0.02
Cigarettes and tobacco	0.12	0.07	0.98	0.14	0.10	0.09	0.30	0.11	0.20
HEALTH AND PERSONAL CARE	0.09	0.08	-0.04	0.05	0.16	0.03	0.08	0.13	0.08
Hospital and medical services	0.13	0.09	0.04	0.03	0.17	0.10	0.12	0.19	0.10
Pharmaceuticals	-0.05	-0.05	-0.06	-0.04	-0.05	-0.06	-0.05	-0.06	-0.05
RECREATION AND EDUCATION	0.15	0.11	0.10	0.11	0.23	0.13	-0.24	-0.03	0.13
Books newspapers and magazines	0.02	0.02	0.02	0.00	0.02	0.02	0.01	0.01	0.02
Sports and photo equip and toys	0.02	0.02	0.04	0.04	0.00	0.00	-0.02	-0.04	0.03
Holiday travel and accommodation in Australia	0.02	-0.01	0.00	-0.04	0.02	-0.06	-0.29	-0.06	-0.01
O'seas holiday travel and accommodation	0.09	0.06	0.06	0.04	0.06	0.13	0.06	0.07	0.07
Entertainment	-0.02	0.01	0.01	0.04	0.11	0.07	0.02	0.00	0.02
Total change	0.5	0.3	1.2	0.6	0.6	0.4	0.3	0.4	0.5
Contribution of selected State and local government charges (a) to total change	0.08	0.25	0.08	0.10	0.08	0.10	0.14	0.35	0.14

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

TABLE 4. CHANGE BETWEEN SEPTEMBER QUARTER 1992 AND DECEMBER QUARTER 1992 (a)
PERCENTAGE CONTRIBUTION TO CHANGE IN WEIGHTED AVERAGE EIGHT CAPITAL CITIES ALL GROUP INDEX

	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	Weighted average of eight capital cities
Food	11.9	0.8	6.0	2.5	1.9	0.2	0.4	0.5	23.8
Clothing	2.8	5.8	2.7	1.3	1.3	0.4	0.0	0.3	14.5
Housing	-5.7	-9.2	-1.2	-4.3	-1.7	-0.3	0.0	0.5	-22.2
Household equipment and operation	-3.5	7.9	-2.8	-0.1	2.4	0.2	-0.1	-0.3	3.7
Transportation	-1.9	0.0	-1.8	4.2	-1.1	0.6	0.0	0.2	0.0
Tobacco and alcohol	10.8	2.9	22.0	5.2	2.1	-0.4	0.5	0.7	42.2
Health and personal care	6.1	4.5	-0.7	0.9	3.3	0.1	0.1	0.7	15.1
Recreation and education	9.2	5.9	2.3	1.8	4.5	0.4	-0.4	-0.1	23.6
All Groups	29.6	18.3	26.4	11.4	12.8	1.2	0.6	2.5	100.0

(a) Table 4 shows the percentage contribution of Groups in each city to the change (between September quarter 1992 and December quarter 1992) 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	Trans- portation	Tobacco and alcohol	Health and personal care	Recreation and education	All Groups
Change from previous year									
1989-90	7.1	5.2	16.8	5.5	8.0	8.2	7.2	6.2	8.2
1990-91	3.3	4.6	3.5	5.0	6.8	8.8	9.6	5.0	5.3
1991-92	2.4	1.7	-4.4	2.3	1.8	5.7	10.7	1.8	1.9
Change from corresponding quarter of previous year									
1990-91— December	3.2	4.5	5.1	6.0	12.3	9.6	10.5	6.9	6.9
March	5.2	4.9	1.6	5.0	4.4	8.7	10.1	4.2	4.9
June	2.1	4.3	0.0	3.5	3.2	8.9	10.4	2.5	3.4
1991-92— September	3.4	3.2	-2.6	3.6	3.2	8.3	11.2	3.0	3.2
December	2.9	2.0	-3.9	2.4	-1.8	5.8	11.7	0.9	1.5
March	1.3	1.3	-4.8	1.6	2.9	4.8	13.0	1.2	1.7
June	2.0	0.4	-6.6	1.9	3.1	3.9	6.8	1.8	1.2
1992-93— September	1.0	0.6	-6.2	0.4	3.1	5.8	4.6	1.3	0.8
December	1.1	1.2	-6.4	-0.2	1.5	7.6	1.5	1.3	0.3
Change from previous quarter									
1990-91— December	1.0	1.7	0.9	1.8	6.7	3.3	3.6	3.1	2.6
March	2.1	0.5	-1.4	0.5	-4.6	1.4	3.5	-0.4	-0.2
June	-0.4	1.4	0.0	0.3	-0.6	2.0	1.7	-0.7	0.2
1991-92— September	0.7	-0.4	-2.0	0.9	1.9	1.3	1.9	1.0	0.6
December	0.5	0.5	-0.5	0.7	1.6	1.0	4.1	1.0	0.9
March	0.6	-0.2	-2.3	-0.3	0.0	0.4	4.7	-0.1	0.0
June	0.3	0.5	-1.9	0.6	-0.4	1.1	-3.9	-0.1	-0.3
1992-93— September	-0.4	-0.2	-1.7	-0.6	1.8	3.2	-0.2	0.5	0.1
December	0.7	1.1	-0.6	0.1	0.0	2.7	1.1	1.0	0.5

(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	Darwin	Canberra	Weighted average of eight capital cities
FOOD (Base of each Index: Year 1989-90 = 100.0)									
1990-91—									
December	102.5	101.7	101.9	103.8	104.3	102.6	103.6	102.3	102.5
March	105.6	103.0	105.9	104.6	105.4	104.5	106.5	104.5	104.7
June	104.1	103.7	104.9	104.9	105.2	104.4	106.8	104.5	104.3
1991-92—									
September	105.3	104.0	104.5	104.9	107.0	104.8	104.8	105.6	105.0
December	106.1	104.6	105.4	105.9	105.9	105.8	106.1	106.4	105.5
March	106.6	104.9	106.3	106.4	107.4	106.7	106.7	107.2	106.1
June	106.4	106.0	106.2	106.9	107.6	107.2	107.5	107.0	106.4
1992-93—									
September	105.6	105.5	105.7	107.3	107.7	107.3	107.1	107.0	106.0
December	106.6	105.5	107.2	108.1	108.2	107.5	108.3	107.5	106.7
CLOTHING (Base of each Index: Year 1989-90 = 100.0)									
1990-91—									
December	104.4	104.2	105.7	103.5	104.6	104.6	104.6	104.9	104.4
March	104.9	104.7	106.2	103.8	105.2	104.9	105.6	105.1	104.9
June	106.5	106.5	106.9	104.8	105.9	106.3	106.1	106.6	106.4
1991-92—									
September	105.9	106.3	106.3	105.1	106.2	105.8	105.9	106.2	106.0
December	106.3	107.0	105.9	104.9	107.5	105.8	104.8	107.0	106.5
March	106.1	106.4	105.7	105.2	107.5	105.5	105.3	107.1	106.3
June	106.1	107.5	106.2	106.1	108.5	105.7	105.9	106.6	106.8
1992-93—									
September	106.6	106.8	105.6	106.0	108.0	105.3	106.1	106.1	106.6
December	107.3	108.3	107.5	107.2	109.2	107.3	106.8	107.0	107.8
HOUSING (Base of each Index: Year 1989-90 = 100.0)									
1990-91—									
December	103.7	105.1	105.1	105.3	104.7	103.5	105.9	105.2	104.5
March	102.3	103.8	104.1	103.8	102.1	102.4	105.4	103.9	103.0
June	102.5	103.9	104.0	103.7	100.6	102.6	105.8	103.7	103.0
1991-92—									
September	100.5	101.5	102.7	102.3	97.4	100.9	106.4	101.7	100.9
December	100.1	100.6	103.2	102.3	95.9	100.6	107.3	103.2	100.4
March	98.1	97.8	101.6	99.8	93.0	97.7	106.3	101.4	98.1
June	96.8	95.5	100.3	97.3	89.7	96.2	103.9	99.9	96.2
1992-93—									
September	95.5	93.3	99.3	95.4	88.1	95.0	102.9	98.7	94.6
December	95.0	92.3	99.0	94.0	87.6	94.4	102.9	99.2	94.0
HOUSEHOLD EQUIPMENT AND OPERATION (Base of each Index: Year 1989-90 = 100.0)									
1990-91—									
December	104.6	105.6	105.0	105.5	105.3	106.0	104.9	105.6	105.2
March	105.5	106.0	106.0	105.6	105.6	106.2	105.6	105.7	105.7
June	105.4	106.3	106.4	106.8	106.1	107.0	106.5	106.5	106.0
1991-92—									
September	106.1	108.0	106.4	107.1	107.5	108.3	106.8	107.2	107.0
December	107.3	108.3	107.1	107.6	107.6	109.4	106.6	107.3	107.7
March	106.8	107.9	106.9	107.3	107.6	109.1	106.1	107.2	107.4
June	107.6	108.9	107.3	108.1	107.4	109.7	106.2	108.0	108.0
1992-93—									
September	107.1	107.8	106.4	108.1	107.1	110.1	106.1	107.9	107.4
December	106.8	108.6	105.7	108.1	107.7	110.4	105.6	107.5	107.5

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>Darwin</i>	<i>Canberra</i>	<i>Weighted average of eight capital cities</i>
TRANSPORTATION (Base of each Index: Year 1989-90 = 100.0)									
<i>1990-91—</i>									
December	111.4	112.2	109.4	111.2	111.4	108.9	109.9	111.4	111.3
March	107.0	106.4	105.2	106.5	104.7	105.2	105.7	106.4	106.2
June	105.6	106.2	105.0	105.9	105.4	105.1	105.5	105.0	105.6
<i>1991-92—</i>									
September	106.0	108.6	108.0	109.2	107.8	107.1	107.1	109.9	107.6
December	108.3	110.3	109.2	110.5	109.3	106.8	108.3	110.8	109.3
March	108.2	110.1	109.2	110.9	109.5	107.1	108.4	111.0	109.3
June	107.0	110.1	108.6	111.2	109.9	106.5	108.0	111.3	108.9
<i>1992-93—</i>									
September	109.2	112.0	110.6	113.7	111.2	108.7	110.9	113.8	110.9
December	109.0	112.0	110.1	115.1	110.8	110.0	111.0	114.1	110.9
TOBACCO AND ALCOHOL (Base of each Index: Year 1989-90 = 100.0)									
<i>1990-91—</i>									
December	106.6	111.5	106.6	111.8	106.5	106.5	108.2	106.7	108.4
March	108.5	112.8	107.2	113.7	107.5	107.0	109.7	107.4	109.9
June	110.3	115.7	109.0	116.8	109.7	108.6	111.8	109.0	112.1
<i>1991-92—</i>									
September	113.8	116.1	109.5	117.3	109.3	110.0	111.4	111.2	113.6
December	115.4	117.1	109.7	118.1	110.2	112.1	111.7	112.6	114.7
March	116.1	116.9	110.6	119.2	110.8	111.6	112.9	114.3	115.2
June	118.3	117.2	112.3	119.6	111.9	112.2	117.3	113.4	116.5
<i>1992-93—</i>									
September	125.7	118.0	113.1	126.5	112.6	114.0	119.6	120.0	120.2
December	128.3	118.8	125.9	130.4	113.9	112.4	122.8	122.0	123.4
HEALTH AND PERSONAL CARE (Base of each Index: Year 1989-90 = 100.0)									
<i>1990-91—</i>									
December	107.5	109.4	105.3	111.0	107.5	109.4	108.7	106.7	108.2
March	109.9	114.7	109.2	116.0	110.4	112.7	111.1	109.9	112.0
June	110.6	118.1	109.7	119.0	110.9	117.7	113.5	111.7	113.9
<i>1991-92—</i>									
September	112.9	120.6	110.9	121.2	112.6	120.7	114.8	114.9	116.1
December	118.4	125.2	117.2	124.2	117.2	122.0	122.6	118.5	120.9
March	123.0	131.7	122.1	134.1	122.1	125.2	128.7	122.5	126.6
June	116.2	127.5	117.7	131.6	116.9	122.9	120.9	118.3	121.6
<i>1992-93—</i>									
September	115.9	127.2	116.8	131.5	116.5	125.1	121.8	119.0	121.4
December	117.5	128.5	116.2	132.2	119.2	125.6	123.2	121.3	122.7
RECREATION AND EDUCATION (Base of each Index: Year 1989-90 = 100.0)									
<i>1990-91—</i>									
December	105.5	107.4	105.1	105.1	106.5	105.1	106.0	105.6	106.2
March	106.0	106.4	105.0	105.8	105.2	103.7	102.3	104.9	105.8
June	104.5	106.4	104.7	105.0	103.5	102.4	100.9	104.4	105.1
<i>1991-92—</i>									
September	105.5	107.9	105.0	106.2	103.3	104.3	102.9	105.7	106.1
December	106.4	108.8	107.0	106.8	105.9	106.6	105.7	106.0	107.2
March	106.2	108.7	106.1	106.8	104.6	107.4	103.8	106.5	107.1
June	106.0	108.9	105.2	108.9	105.3	106.0	105.2	107.0	107.0
<i>1992-93—</i>									
September	106.6	109.2	105.7	108.9	105.3	107.0	106.4	107.8	107.5
December	108.0	110.2	106.7	109.9	107.6	108.2	104.4	107.6	108.6

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 1989-90=100.0)				Percentage Change between				Contribution to total CPI (expressed as All Groups index points)				Change between Sep qtr 1992 and Dec qtr 1992	
	Dec qtr 1991	Sep qtr 1992	Dec qtr 1992		Sep qtr 1992 and Dec qtr 1992	Dec qtr 1992 and Dec qtr 1992			Sep qtr 1992	Dec qtr 1992			Sep qtr 1992	Dec qtr 1992
FOOD	105.5	106.0	106.7		0.7	1.1			19.58	19.71			0.13	
Dairy products	108.6	111.7	111.5		-0.2	2.7			1.60	1.60			0.00	
Cereal products	110.2	112.8	113.4		0.5	2.9			2.25	2.27			0.02	
Meat and seafoods	99.9	99.1	99.1		0.0	-0.8			3.18	3.17			-0.01	
Beef and veal	102.8	102.1	100.3		-1.8	-2.4					0.78	0.77	-0.01	
Lamb and mutton	95.4	97.1	95.1		-2.1	-0.3					0.39	0.38	-0.01	
Pork	102.3	98.6	100.5		1.9	-1.8					0.18	0.19	0.01	
Poultry	90.8	88.1	88.3		0.2	-2.8					0.42	0.42	0.00	
Bacon and ham	101.9	104.1	102.3		-1.7	0.4					0.34	0.33	-0.01	
Processed meat	106.0	104.1	104.9		0.8	-1.0					0.72	0.73	0.01	
Fish	94.2	93.3	97.4		4.4	3.4					0.34	0.36	0.02	
Fresh fruit and vegetables	89.0	75.0	79.9		6.5	-10.2			1.38	1.47			0.09	
Processed fruit and vegetables	104.8	106.9	107.1		0.2	2.2			0.88	0.89			0.01	
Soft drinks - ice cream and confectionery	111.1	115.4	115.8		0.3	4.2			3.13	3.14			0.01	
Meats out and take away foods	110.8	113.2	113.2		0.0	2.2			5.35	5.35			0.00	
Other foods	105.2	107.5	108.4		0.8	3.0			1.81	1.83			0.02	
CLOTHING	106.5	106.6	107.8		1.1	1.2			6.70	6.77			0.07	
Men's and boy's clothing	107.8	107.4	109.3		1.8	1.4			1.81	1.84			0.03	
Women's and girls' clothing	105.7	106.5	107.4		0.8	1.6			2.72	2.75			0.03	
Fabrics and knitting wool	104.6	105.9	105.9		0.0	1.2			0.81	0.81			0.00	
Footwear	106.0	103.7	105.4		1.6	-0.6			1.11	1.13			0.02	
Dry cleaning and shoe repairs	112.5	114.4	116.4		1.7	3.5			0.24	0.24			0.00	
HOUSING	100.4	94.6	94.0		-0.6	-6.4			16.78	16.66			-0.12	
Rents	106.6	107.1	107.2		0.1	0.6			5.23	5.23			0.00	
Privately-owned dwelling rents	106.2	106.7	106.7		0.0	0.5					4.81	4.81	0.00	
Government-owned dwelling rents	110.1	110.7	112.4		1.5	2.1					0.41	0.42	0.01	
Home ownership	97.8	89.4	88.5		-1.0	-9.5			11.55	11.43			-0.12	
Mortgage interest charges	90.2	77.1	74.7		-3.1	-17.2					6.79	6.57	-0.22	
Local government rates and charges	114.8	116.2	120.5		3.7	5.0					2.35	2.44	0.09	
House repairs and maintenance	110.0	111.2	111.4		0.2	1.3					1.97	1.98	0.01	
House insurance	121.0	122.6	123.0		0.3	1.7					0.44	0.44	0.00	
HOUSEHOLD EQUIPMENT AND OPERATION	107.7	107.4	107.5		0.1	-0.2			19.60	19.62			0.02	
Fuel and light	110.4	112.4	114.8		2.1	4.0			2.55	2.60			0.05	
Furniture and floor coverings	108.7	108.1	110.0		1.8	1.2			4.59	4.66			0.07	
Appliances	104.2	103.7	103.4		-0.3	-0.8			1.64	1.63			-0.01	
Household textiles	106.6	106.0	106.8		0.8	0.2			0.81	0.82			0.01	
Household utensils and tools	104.6	104.3	104.5		0.2	-0.1			1.29	1.29			0.00	
Household supplies and services	107.2	110.7	110.6		-0.1	3.2			4.31	4.31			0.00	
Postal and telephone services	106.9	106.8	107.2		0.4	0.3			1.84	1.85			0.01	
Consumer credit charges	108.6	101.2	96.6		-4.5	-11.1			2.58	2.47			-0.11	

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 1989=90=100.0)		Percentage Change between		Contribution to total CPI (expressed as All Groups index points)				Change between Sep qtr 1992 and Dec qtr 1992	
	Dec qtr 1991	Sep qtr 1992	Dec qtr 1992	Sep qtr 1992	Dec qtr 1992	Sep qtr 1992	Dec qtr 1992	Dec qtr 1992	Sep qtr 1992	Dec qtr 1992
TRANSPORTATION	109.3	110.9	110.9	0.0	1.5	17.45	17.45	0.00		
Private motoring	108.7	110.1	110.1	0.0	1.3	16.12	16.12	0.00		
Motor vehicles	105.3	105.8	106.5	0.7	1.1		4.33	4.35		0.02
Automotive fuel	111.5	115.3	114.7	-0.5	2.9		5.26	5.23		-0.03
Vehicle insurance	108.4	108.6	108.3	-0.3	-0.1		2.27	2.27		0.00
Motoring charges	116.1	118.3	118.5	0.2	2.1		0.92	0.92		0.00
Tyres and tubes	102.7	101.0	102.5	1.5	-0.2		0.37	0.37		0.00
Vehicle service repairs and parts	109.8	109.9	109.8	-0.1	0.0		2.98	2.98		0.00
Urban transport fares	121.0	125.3	125.5	0.2	3.7		1.33	1.33		0.00
TOBACCO AND ALCOHOL	114.7	120.2	123.4	2.7	7.6		8.50	8.50		0.23
Alcoholic drinks	111.2	113.1	113.6	0.4	2.2		5.47	5.47		0.02
Beer	111.5	114.2	114.5	0.3	2.7		3.16	3.17		0.01
Wine	103.6	105.3	104.8	-0.5	1.2		1.10	1.09		-0.01
Spirits	117.6	117.3	119.4	1.8	1.5		1.19	1.21		0.02
Cigarettes and tobacco	123.5	137.5	147.3	7.1	19.3		3.02	3.02		0.20
HEALTH AND PERSONAL CARE	120.9	121.4	122.7	1.1	1.5		7.41	7.41		0.08
Health services	129.4	128.6	132.0	2.6	2.0		4.39	4.39		0.11
Personal care products	109.2	112.3	110.0	-2.0	0.7		2.21	2.17		-0.04
Hairdressing services	109.9	110.3	111.9	1.5	1.8		0.84	0.85		0.01
RECREATION AND EDUCATION	107.2	107.5	108.6	1.0	1.3		11.69	11.82		0.13
Books newspapers and magazines	115.2	118.3	119.8	1.3	4.0		1.24	1.26		0.02
Recreational goods	99.9	101.4	102.0	0.6	2.1		2.75	2.77		0.02
Holiday travel and accommodation	103.9	96.1	98.7	2.7	-5.0		2.53	2.60		0.07
Recreational services	113.1	116.7	117.6	0.8	4.0		3.08	3.10		0.02
Education and child care	110.3	118.7	118.7	0.0	7.6		2.08	2.08		0.00
ALL GROUPS	107.6	107.4	107.9	0.5	0.3		107.4	107.9		0.5

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

	Index numbers (Base of each index: Year 1989-90=100.0)			Percentage Change between		Contribution to total CPI (expressed as All Groups index points)		
	Dec qtr 1991	Sep qtr 1992	Dec qtr 1992	Sep qtr 1992 and Dec qtr 1992	Dec qtr 1991 and Dec qtr 1992	Sep qtr 1992	Dec qtr 1992	Change between Sep qtr 1992 and Dec qtr 1992
ALL GROUPS	107.6	107.4	107.9	0.5	0.3	107.4	107.9	0.5
All groups - excluding food	108.1	107.8	108.3	0.5	0.2	87.83	88.23	0.40
All groups - excluding clothing	107.7	107.5	108.0	0.5	0.3	100.71	101.17	0.46
All groups - excluding housing	108.9	109.8	110.6	0.7	1.6	90.63	91.28	0.65
All groups - excluding household equipment and operation	107.6	107.4	108.1	0.7	0.5	87.81	88.32	0.51
All groups - excluding transportation	107.3	106.8	107.4	0.6	0.1	89.96	90.49	0.53
All groups - excluding tobacco and alcohol	107.0	106.4	106.7	0.3	-0.3	99.14	99.44	0.30
All groups - excluding health and personal care	106.8	106.6	107.1	0.5	0.3	100.08	100.53	0.45
All groups - excluding recreation and education	107.7	107.5	107.9	0.4	0.2	95.72	96.12	0.40
All groups - excluding home ownership	108.9	109.8	110.5	0.6	1.5	95.86	96.51	0.65
Mortgage interest and consumer credit charges	94.7	83.1	80.2	-3.5	-15.3	9.42	9.08	-0.34
All groups - excluding mortgage interest and consumer credit charges	109.0	110.1	111.1	0.9	1.9	97.99	98.86	0.87
All groups - excluding hospital and medical services	106.9	106.8	107.2	0.4	0.3	104.02	104.45	0.43
All groups - goods component (a)	107.6	109.0	109.9	0.8	2.1	65.80	66.35	0.55
All groups - services component (b)	107.7	104.9	104.9	0.0	-2.6	41.61	41.59	-0.02
Selected State and local government charges (c)	112.7	114.6	117.0	2.1	3.8	6.97	7.11	0.14
All groups - excluding selected State and local government charges (c)	107.3	107.0	107.4	0.4	0.1	100.44	100.83	0.39

(a) 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. (b) The 'All groups, services component' comprises all items not included in the 'All groups, goods component'. (c) 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 vehicles 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 twelve 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:

Sep quarter 1992: 107.4 (see Table 1)

less: Jun quarter 1992: 107.3 (see Table 1)

Change in index points: 0.1

$$\text{Percentage change} = \frac{0.1}{107.3} \times 100 = 0.1\%$$

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 1.60 index points to the total All Groups index number of 107.4 for September quarter 1992. 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)

Information Paper: The Australian Consumer Price Index: 12th Series Review (6450.0)

Next issue

14. The Consumer Price Index - March quarter 1993 (6401.0) is scheduled to be released on Wednesday 28 April 1993.

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

Symbols and other usages

n.a.	not available
r	revised
n.y.a.	not yet 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.



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