

**CONSUMER PRICE INDEX, SEPTEMBER QUARTER 1993**

**MAIN FEATURES**

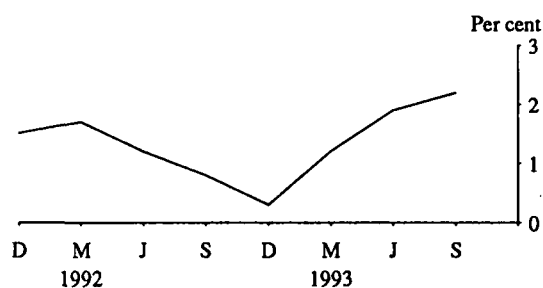
Weighted average of eight capital cities	Change between—	
	Jun qtr 1993 and Sep qtr 1993	Sep qtr 1992 and Sep qtr 1993
	%	%
Food	0.7	2.6
Clothing	-0.9	0.5
Housing	-0.3	0.3
Household equipment and operation	0.1	0.1
Transportation	1.0	2.1
Tobacco and alcohol	2.2	8.8
Health and personal care	0.1	4.2
Recreation and education	0.3	3.0
<b>All groups</b>	<b>0.5</b>	<b>2.2</b>
All groups excluding housing	0.5	2.6
All groups excluding tobacco and alcohol	0.3	1.6

**SUMMARY OF FINDINGS**

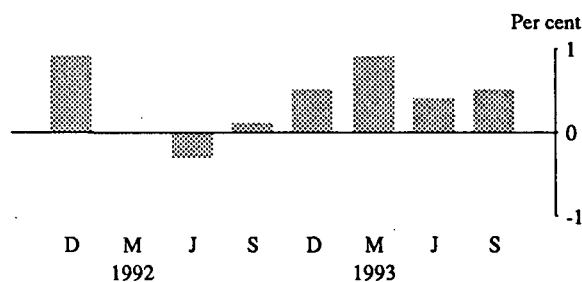
**Overview**

The All groups CPI increased 0.5 per cent between the June and September quarters 1993, resulting in an annual increase (September quarter 1993 on September quarter 1992) of 2.2 per cent.

**ALL GROUPS - ANNUAL MOVEMENT**



**ALL GROUPS - QUARTERLY MOVEMENT**



Contributing most to the overall increase this quarter were cigarette and tobacco prices (up 3.8%), motor vehicle prices (up 2.1%), lamb and mutton (up 8.6%), furniture (up 0.9%), the cost of hospital and medical services (up 0.9%), fresh vegetable prices (up 5.6%) and beer (up 0.9%).

Partially offsetting the above were falls in mortgage interest charges (down 1.3% - mainly due to falls in mortgage interest rates), consumer credit charges (down 2.3%) and the cost of pharmaceuticals (down 5.1%).

Contributing most to the annual increase in consumer prices were prices of cigarettes and tobacco (up 19.6%), food (up 2.6%) and selected State and local government charges (up 6.5%), with significant offsets being provided by mortgage interest and consumer credit charges (down 4.9%) and petrol (down 2.7%) (see Tables 7 and 8).

**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- for further information about statistics in this publication and the availability of related unpublished statistics, contact Information Services on Canberra (06) 252 6627 or any ABS State office.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.
- for information about other ABS statistics and services please refer to the back page of this publication.

## Main contributions to quarterly change

### Tobacco and alcohol: +2.2%

Prices of cigarettes and tobacco increased 3.8 per cent nationally as a result of an increase in the Commonwealth excise on tobacco products combined with increases in State and Territory franchise fees in Perth, Hobart, and Darwin.

Over the 12 months to September quarter 1993, cigarette and tobacco prices have increased 19.6 per cent nationally.

### Transportation: +1.0%

The increase in transportation costs this quarter results mainly from increases in motor vehicle prices (+2.1%), urban transport fares (+1.9%), vehicle insurance costs (+0.9%) and vehicle servicing, repairs and parts (+0.5%).

Motor vehicle prices increased relatively uniformly in all cities, ranging from 1.5 per cent in Brisbane to 3.3 per cent in Canberra. The 2.1 per cent overall increase this quarter follows a 1.7 per cent increase last quarter, delivering an annual increase (September quarter 1993 on September quarter 1992) of 7.3 per cent.

Urban transport fares increased in Perth (+7.9%), Canberra (+6.8%), Adelaide (+3.0%), Sydney (+2.1%), and Brisbane (+0.9%).

Petrol prices increased by 0.2 per cent this quarter as a result of increases in May (+0.1%) and June (+2.2%), falls in July (-1.2%) and August (-1.7%), followed by a further increase in September (+3.3%). Over the 12 months to September quarter 1993, the price of petrol has fallen by 2.7 per cent.

### Food: +0.7%

Increases in prices of lamb and mutton (+8.6%), fresh vegetables (+5.6%), beef and veal (+2.2%) and confectionery (+0.9%) were partially offset by falls in prices of fresh fruit (-2.3%) and processed meat (-2.5%).

At the national level, the increase in fresh vegetable prices results from increases in prices of lettuce, onions, beans, and tomatoes, partially offset by a fall in prices of carrots. Falls in prices of strawberries, grapes, and bananas contributed most to the overall fall in fresh fruit prices.

### Clothing: -0.9%

The fall in clothing prices this quarter is largely attributable to falls in prices of men's outer clothing (-2.8%), fabrics and knitting wool (-1.0%), men's shirts (-2.5%) and men's footwear (-2.5%).

### Housing: -0.3%

The fall in housing costs results from a fall in mortgage interest charges (-1.3%) partially offset by increases in the cost of house repair and maintenance (+1.1%) and house insurance (+2.4%).

The fall in mortgage interest charges reflects a slight increase in the value of the debt outstanding (+1.4%) combined with a fall in interest rates (-2.8%).

### Recreation and education: +0.3%

Increases in the cost of holiday travel and accommodation in Australia (+1.3%) and prices of books, newspapers, and magazines (+1.3%) were partially offset by a fall in the cost of holiday travel and accommodation overseas (-1.3%).

### Household equipment and operation: +0.1%

Increases in furniture prices (+0.9%), household cleaning agents (+3.8%) and electricity charges (+1.1%) were partially offset by a fall in consumer credit charges (-2.3%).

The fall in consumer credit charges reflects a slight increase in the value of the debt outstanding (+0.5%) combined with a fall in interest rates (-2.8%).

### Health and personal care: +0.1%

Increases in the cost of hospital and medical (+0.9%), optical (+3.2%), and dental (+1.1%) services were partially offset by a fall in the cost of pharmaceuticals (-5.1%, mainly due to the increased effect of the PBS safety net provisions).

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## CONSUMER PRICE INDEX- ALL GROUPS PERCENTAGE CHANGES

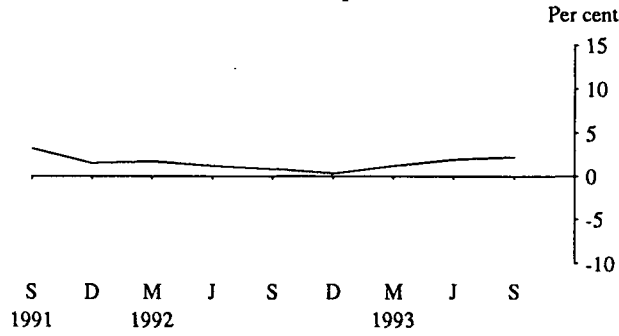
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	Change between—	
	Jun qtr 1993 and Sep qtr 1993	Sep qtr 1992 and Sep qtr 1993
	%	%
Sydney	0.3	1.7
Melbourne	0.4	2.4
Brisbane	0.2	2.8
Adelaide	0.4	2.4
Perth	1.0	2.3
Hobart	1.5	3.2
Darwin	0.5	1.6
Canberra	0.6	2.2
Weighted average of eight capital cities	0.5	2.2

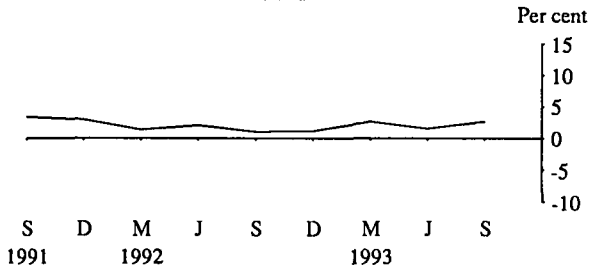
IAN CASTLES  
Australian Statistician

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

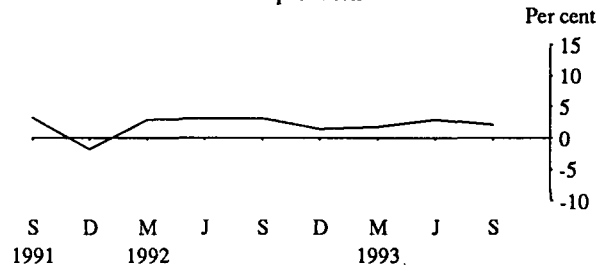
**All Groups**



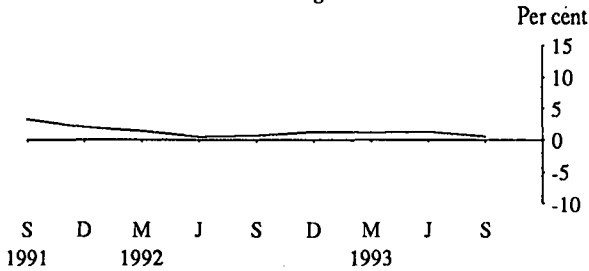
**Food**



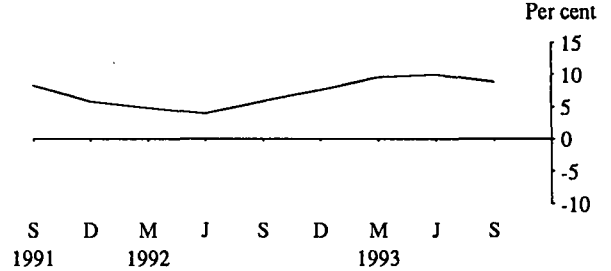
**Transportation**



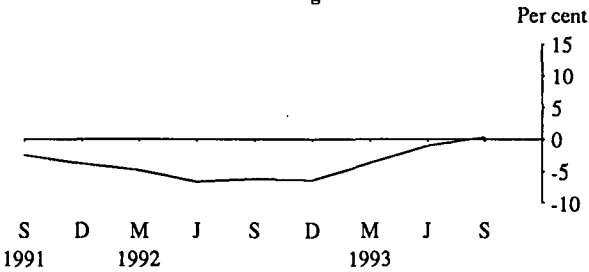
**Clothing**



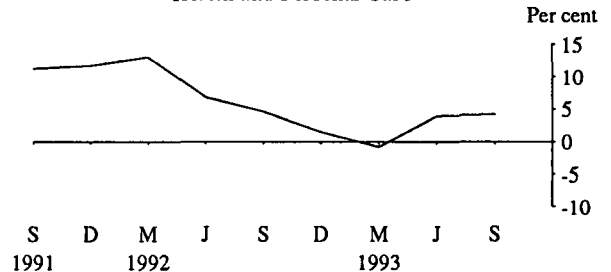
**Tobacco and Alcohol**



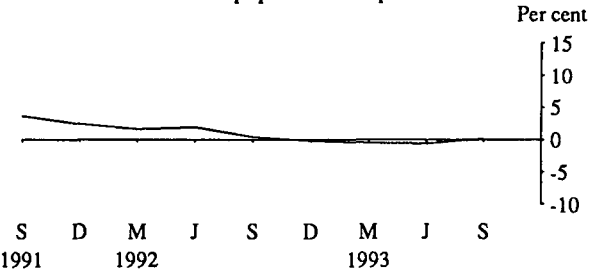
**Housing**



**Health and Personal Care**



**Household Equipment and Operation**



**Recreation and Education**

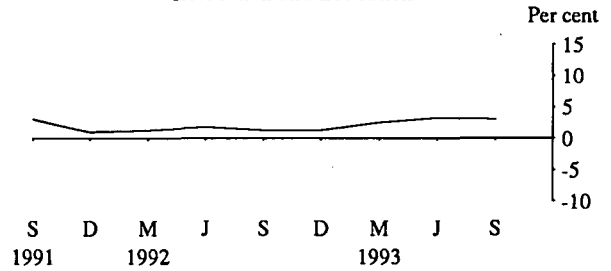


TABLE 1. CONSUMER PRICE INDEX: ALL GROUPS INDEX NUMBERS  
(Base of each index: Year 1989-90 = 100.0)

Period	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	Weighted average of eight capital cities
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
1992-93	107.7	108.9	108.5	111.2	106.2	108.5	109.5	109.5	108.4
<i>1989-90—</i>									
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
<i>1990-91—</i>									
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
<i>1991-92—</i>									
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
<i>1992-93—</i>									
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
March	108.2	109.5	109.1	111.6	106.4	109.1	109.8	110.1	108.9
June	108.4	110.1	109.7	112.3	106.8	109.4	110.0	110.3	109.3
<i>1993-94—</i>									
September	108.7	110.5	109.9	112.7	107.9	111.0	110.6	111.0	109.8

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									
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
1992-93	0.9	0.7	1.4	2.1	0.3	1.3	1.4	1.6	1.0
Change from corresponding quarter of previous year									
<i>1991-92—</i>									
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
<i>1992-93—</i>									
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
March	1.1	1.1	1.5	1.9	0.3	1.6	1.4	1.8	1.2
June	1.8	1.8	2.5	2.7	1.1	2.2	1.5	2.2	1.9
<i>1993-94—</i>									
September	1.7	2.4	2.8	2.4	2.3	3.2	1.6	2.2	2.2
Change from previous quarter									
<i>1991-92—</i>									
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
<i>1992-93—</i>									
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
March	0.7	1.2	0.9	0.8	0.3	1.0	0.5	1.0	0.9
June	0.2	0.5	0.5	0.6	0.4	0.3	0.2	0.2	0.4
<i>1993-94—</i>									
September	0.3	0.4	0.2	0.4	1.0	1.5	0.5	0.6	0.5

TABLE 3. CONSUMER PRICE INDEX : CHANGE BETWEEN JUNE QUARTER 1993 AND SEPTEMBER QUARTER 1993  
MAIN CONTRIBUTIONS TO CHANGE IN TERMS OF ALL GROUPS INDEX POINTS

Item	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	Weighted average of eight capital cities
<b>FOOD</b>	0.15	0.16	0.13	0.00	0.11	0.21	0.22	0.23	0.14
Milk and cream	0.00	0.02	0.02	0.01	0.01	0.05	0.01	0.05	0.01
Bread	0.01	-0.01	0.03	-0.04	0.04	0.04	-0.01	0.02	0.00
Beef and veal	0.02	0.03	0.01	0.00	0.00	0.01	-0.01	0.01	0.02
Lamb and mutton	0.04	0.05	0.02	0.03	0.00	0.06	0.02	0.03	0.04
Processed meat	-0.03	-0.01	-0.01	-0.02	-0.04	-0.02	0.00	-0.01	-0.01
Fresh fruit	-0.02	0.00	0.01	-0.05	-0.04	-0.03	-0.01	-0.01	-0.01
Fresh vegetables	0.01	0.05	0.00	0.04	0.10	0.02	-0.05	0.01	0.03
Confectionery	0.01	0.02	0.02	0.01	0.01	0.02	0.05	0.00	0.02
<b>CLOTHING</b>	-0.11	-0.04	-0.06	0.00	-0.04	-0.05	-0.13	-0.01	-0.06
Men's outer clothing	-0.04	0.00	-0.05	0.01	0.00	0.02	-0.09	0.01	-0.02
Men's shirts	-0.01	0.00	-0.01	0.00	0.00	-0.01	-0.02	-0.01	-0.01
Womens underwear nightwear etc.	0.00	0.00	0.00	-0.01	0.00	-0.01	0.01	0.00	-0.01
Fabrics and knitting wool	-0.01	-0.01	0.01	0.00	0.00	-0.04	0.00	-0.01	-0.01
Men's footwear	-0.03	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	-0.01
<b>HOUSING</b>	-0.02	-0.12	-0.02	-0.08	-0.03	-0.02	0.00	-0.02	-0.06
Privately-owned dwelling rents	0.01	0.00	0.02	0.02	0.00	0.01	-0.02	0.00	0.00
Government-owned dwelling rents	0.00	-0.02	0.00	0.01	0.00	0.01	0.01	0.00	-0.01
Mortgage interest charges	-0.05	-0.13	-0.09	-0.13	-0.09	-0.07	0.01	-0.05	-0.08
House repairs and maintenance	0.01	0.03	0.04	0.00	0.04	0.01	0.00	0.01	0.02
House insurance	0.01	0.00	0.01	0.02	0.02	0.02	0.01	0.01	0.01
<b>HOUSEHOLD EQUIPMENT AND OPERATION</b>	-0.01	0.06	-0.16	0.04	0.18	0.17	0.04	-0.12	0.02
Electricity	0.00	0.06	0.00	0.03	0.00	0.12	0.00	0.00	0.02
Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Furniture	0.00	0.12	-0.15	-0.03	0.16	0.01	0.02	-0.05	0.03
Bedding	-0.01	0.00	0.00	0.00	-0.01	0.01	0.00	-0.01	-0.01
Household cleaning agents	0.04	0.02	0.03	0.04	0.01	0.01	0.09	0.01	0.03
Other household non-durables	-0.01	-0.04	-0.02	0.00	0.00	-0.01	0.03	-0.01	-0.02
Travel goods	0.00	-0.02	0.01	0.00	0.00	0.01	0.00	-0.01	-0.01
Telephone services	-0.01	-0.01	-0.01	-0.01	-0.02	-0.01	-0.02	-0.01	-0.01
Consumer credit charges	-0.06	-0.04	-0.05	-0.05	-0.07	-0.04	-0.08	-0.06	-0.05
<b>TRANSPORTATION</b>	0.15	0.20	0.07	0.20	0.30	0.00	0.27	0.32	0.18
Motor vehicles	0.09	0.10	0.06	0.15	0.11	0.08	0.08	0.14	0.10
Automotive fuel	0.05	0.03	-0.07	-0.03	-0.04	-0.10	0.05	0.07	0.00
Vehicle insurance	-0.03	0.05	0.00	0.01	0.14	0.01	0.02	0.04	0.02
Motoring charges	0.01	0.00	0.04	0.01	0.00	0.00	0.00	0.04	0.01
Tyres and tubes	0.01	0.00	0.00	0.01	0.01	0.00	0.02	-0.01	0.01
Vehicle servicing etc.	0.00	0.03	0.02	0.02	0.02	0.01	0.10	-0.01	0.01
Urban transport fares	0.04	0.00	0.02	0.03	0.06	0.00	0.00	0.05	0.03
<b>TOBACCO AND ALCOHOL</b>	0.08	0.14	0.18	0.18	0.65	0.91	0.28	0.15	0.18
Beer	0.03	0.03	0.07	0.00	0.00	0.06	0.00	0.05	0.03
Wine	0.01	0.05	0.02	0.01	0.02	0.04	0.04	0.04	0.02
Spirits	0.01	0.01	0.03	0.00	-0.01	0.01	0.00	0.01	0.01
Cigarettes and tobacco	0.03	0.04	0.04	0.16	0.64	0.79	0.24	0.04	0.13
<b>HEALTH AND PERSONAL CARE</b>	0.01	0.00	0.00	-0.02	-0.01	0.33	0.01	0.05	0.00
Hospital and medical services	0.05	0.02	0.01	0.01	0.03	0.32	0.02	0.03	0.03
Optical services	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01
Dental services	0.00	0.02	0.01	0.01	0.01	0.00	0.00	0.02	0.01
Pharmaceuticals	-0.05	-0.05	-0.05	-0.04	-0.04	-0.06	-0.03	-0.04	-0.05
Toiletries and personal products	-0.02	-0.01	0.01	0.00	-0.02	0.04	0.02	0.03	-0.01
<b>RECREATION AND EDUCATION</b>	0.03	0.03	0.04	0.05	-0.02	0.05	-0.05	0.11	0.03
Books newspapers and magazines	0.02	0.00	0.07	0.02	0.00	0.01	0.02	0.04	0.02
Video and sound equipment	0.00	0.00	-0.01	-0.01	-0.01	-0.02	0.00	0.00	0.00
Sports and photo equip and toys	0.02	0.03	-0.05	0.00	0.02	0.01	0.04	0.01	0.01
Holiday travel and accommodation in Australia	0.02	0.00	0.03	0.02	0.06	0.00	0.00	0.02	0.02
O'seas holiday travel and accommodation	-0.02	-0.02	0.01	0.00	-0.03	0.03	-0.07	0.01	-0.01
<b>Total change</b>	<b>0.3</b>	<b>0.4</b>	<b>0.2</b>	<b>0.4</b>	<b>1.1</b>	<b>1.6</b>	<b>0.6</b>	<b>0.7</b>	<b>0.5</b>
Contribution of selected State and local government charges (a) to total change	0.03	0.04	0.05	0.07	0.15	0.13	0.01	0.08	0.06

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

TABLE 4. CHANGE BETWEEN JUNE QUARTER 1993 AND SEPTEMBER QUARTER 1993 (a)  
PERCENTAGE CONTRIBUTION TO CHANGE IN WEIGHTED AVERAGE EIGHT CAPITAL CITIES ALL GROUP INDEX

	<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	11.3	10.0	3.6	0.0	2.4	0.8	0.4	1.4	30.1
Clothing	-8.2	-2.2	-1.8	0.0	-0.7	-0.2	-0.3	-0.1	-13.7
Housing	-1.1	-7.6	-0.5	-1.8	-0.7	-0.1	0.0	-0.2	-11.7
Household equipment and operation	-0.9	4.1	-4.3	1.0	4.2	0.7	0.1	-0.8	4.0
Transportation	11.5	13.2	1.8	4.2	6.8	0.0	0.5	2.0	40.3
Tobacco and alcohol	5.6	9.0	4.6	3.8	15.1	3.5	0.5	0.9	41.8
Health and personal care	0.6	-0.5	-0.1	-0.4	-0.3	1.3	0.0	0.3	0.9
Recreation and education	2.5	1.9	1.0	1.2	-0.4	0.2	-0.1	0.7	7.0
All Groups	21.8	27.9	4.4	8.1	26.5	6.3	1.2	4.4	100.0

(a) Table 4 shows the percentage contribution of Groups in each city to the change (between June quarter 1993 and September quarter 1993) in the All Groups index for the weighted average of the eight capital cities.

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

<i>Period</i>	<i>Food</i>	<i>Clothing</i>	<i>Housing</i>	<i>Household equipment and operation</i>	<i>Transportation</i>	<i>Tobacco and alcohol</i>	<i>Health and personal care</i>	<i>Recreation and education</i>	<i>All Groups</i>
Change from previous year									
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
1992-93	1.5	1.0	-4.3	-0.2	2.3	8.2	2.2	2.1	1.0
Change from corresponding quarter of previous year									
<i>1991-92—</i>									
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
<i>1992-93—</i>									
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
March	2.7	1.1	-3.8	-0.5	1.8	9.5	-0.8	2.5	1.2
June	1.5	1.2	-1.0	-0.6	2.9	9.9	3.9	3.2	1.9
<i>1993-94—</i>									
September	2.6	0.5	0.3	0.1	2.1	8.8	4.2	3.0	2.2
Change from previous quarter									
<i>1991-92—</i>									
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
<i>1992-93—</i>									
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
March	2.2	-0.3	0.4	-0.6	0.4	2.2	2.4	1.1	0.9
June	-0.9	0.6	0.8	0.5	0.7	1.5	0.6	0.5	0.4
<i>1993-94—</i>									
September	0.7	-0.9	-0.3	0.1	1.0	2.2	0.1	0.3	0.5

TABLE 6. CONSUMER PRICE INDEX — GROUP INDEXES

Period	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	Weighted average of eight capital cities
<b>FOOD</b> (Base of each Index: Year 1989-90 = 100.0)									
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
March	109.5	107.3	109.4	111.3	110.0	109.0	110.6	110.5	109.0
June	107.8	107.0	108.7	110.4	109.2	109.1	110.1	108.6	108.0
1993-94—									
September	108.6	107.8	109.4	110.4	109.8	110.2	111.2	109.8	108.8
<b>CLOTHING</b> (Base of each Index: Year 1989-90 = 100.0)									
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
March	107.3	107.7	106.7	107.2	108.4	107.2	106.5	107.4	107.5
June	108.0	108.4	107.4	107.6	108.9	107.7	107.3	108.1	108.1
1993-94—									
September	106.2	107.9	106.3	107.5	108.3	106.9	103.8	108.0	107.1
<b>HOUSING</b> (Base of each Index: Year 1989-90 = 100.0)									
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
March	95.4	92.4	100.0	94.0	88.1	95.3	103.8	100.2	94.4
June	96.1	94.5	100.5	93.8	87.9	95.0	104.2	100.4	95.2
1993-94—									
September	96.1	93.8	100.4	93.3	87.7	94.9	104.2	100.3	94.9
<b>HOUSEHOLD EQUIPMENT AND OPERATION</b> (Base of each Index: Year 1989-90 = 100.0)									
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
March	105.8	108.2	105.8	106.7	107.0	110.3	105.1	107.5	106.9
June	106.0	108.7	107.0	107.3	107.7	110.4	104.8	107.8	107.4
1993-94—									
September	105.9	109.0	106.1	107.5	108.6	111.3	105.0	107.1	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>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
March	109.1	113.1	110.6	114.9	111.2	110.9	110.6	114.4	111.3
June	109.9	113.7	111.4	116.1	111.6	111.7	110.7	114.8	112.1
<i>1993-94—</i>									
September	110.9	115.0	111.8	117.3	113.6	111.6	112.8	116.9	113.2
TOBACCO AND ALCOHOL (Base of each Index: Year 1989-90 = 100.0)									
<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
March	129.1	126.4	126.3	131.3	113.8	116.9	123.6	123.0	126.1
June	130.7	127.7	128.4	136.4	115.6	119.9	124.2	125.2	128.0
<i>1993-94—</i>									
September	131.8	129.8	130.7	138.8	123.7	132.1	127.0	127.3	130.8
HEALTH AND PERSONAL CARE (Base of each Index: Year 1989-90 = 100.0)									
<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
March	119.8	131.5	120.6	136.8	121.0	129.1	126.2	124.5	125.6
June	120.4	132.1	121.3	138.9	122.3	129.3	126.1	124.4	126.4
<i>1993-94—</i>									
September	120.6	131.9	121.2	138.7	122.1	134.5	126.2	125.2	126.5
RECREATION AND EDUCATION (Base of each Index: Year 1989-90 = 100.0)									
<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	108.8	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
March	109.1	112.0	108.0	111.7	106.5	108.5	103.2	108.3	109.8
June	110.3	111.9	108.5	112.3	107.2	108.2	104.5	109.4	110.4
<i>1993-94—</i>									
September	110.6	112.2	108.9	112.8	107.1	108.7	104.1	110.2	110.7



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 Jun qtr 1993 and Sep qtr 1993	
	Sep qtr 1992	Jun qtr 1993	Sep qtr 1993	Jun qtr 1993 and Sep qtr 1993	Sep qtr 1992 and Sep qtr 1993	Jun qtr 1993	Jun qtr 1993	Sep qtr 1993	Jun qtr 1993	Sep qtr 1993	
FOOD											
Dairy products	106.0	108.0	108.8	0.7	2.6	19.96	20.10	0.14			
Cereal products	111.7	113.8	114.3	0.4	2.3	1.63	1.64	0.01			
Meat and seafoods	112.8	114.4	115.2	0.7	2.9	2.29	2.30	0.01			
Beef and veal	99.1	101.1	102.0	0.9	2.9	3.24	3.27	0.03			
Lamb and mutton	102.1	101.0	103.2	2.2	1.1		0.77	0.79	0.02		
Pork	97.1	104.8	113.8	8.6	17.2		0.42	0.46	0.04		
Poultry	98.6	101.1	103.3	2.2	4.8		0.19	0.19	0.00		
Bacon and ham	88.1	89.0	88.0	-1.1	-0.1		0.42	0.42	0.00		
Processed meat	104.1	104.8	104.3	-0.5	0.2		0.34	0.34	0.00		
Fish	104.1	106.0	103.4	-2.5	-0.7		0.73	0.72	-0.01		
Fresh fruit and vegetables	93.3	97.5	96.7	-0.8	3.6		0.36	0.35	-0.01		
Processed fruit and vegetables	75.0	81.2	82.3	1.4	9.7	1.49	1.51	0.02			
Soft drinks - ice cream and confectionery	106.9	107.5	108.2	0.7	1.2	0.89	0.89	0.00			
Meals out and take away foods	115.4	117.0	117.7	0.6	2.0	3.17	3.19	0.02			
Other foods	113.2	115.1	115.3	0.2	1.9	5.44	5.46	0.02			
	107.5	107.7	109.3	1.5	1.7	1.81	1.84	0.03			
CLOTHING											
Men's and boy's clothing	106.6	108.1	107.1	-0.9	0.5	6.79	6.73	-0.06			
Women's and girls' clothing	107.4	109.9	107.7	-2.0	0.3	1.85	1.82	-0.03			
Fabrics and knitting wool	106.5	108.0	107.8	-0.2	1.2	2.76	2.76	0.00			
Footwear	105.9	105.7	104.6	-1.0	-1.2	0.81	0.80	-0.01			
Dry cleaning and shoe repairs	103.7	104.6	103.5	-1.1	-0.2	1.12	1.11	-0.01			
	114.4	117.8	118.6	0.7	3.7	0.25	0.25	0.00			
HOUSING											
Rents	94.6	95.2	94.9	-0.3	0.3	16.89	16.83	-0.06			
Privately-owned dwelling rents	107.1	107.4	107.5	0.1	0.4	5.24	5.25	0.01			
Government-owned dwelling rents	106.7	106.8	106.9	0.1	0.2		4.82	4.82	0.00		
Home ownership	110.7	114.2	113.0	-1.1	2.1		0.43	0.42	-0.01		
Mortgage interest charges	89.4	90.1	89.7	-0.4	0.3	11.65	11.59	-0.06			
Local government rates and charges	77.1	75.6	74.6	-1.3	-3.2		6.65	6.57	-0.08		
House repairs and maintenance	116.2	126.3	126.3	0.0	8.7		2.55	2.55	0.00		
House insurance	111.2	112.1	113.3	1.1	1.9		1.99	2.01	0.02		
	122.6	124.2	127.2	2.4	3.8		0.45	0.46	0.01		
HOUSEHOLD EQUIPMENT AND OPERATION											
Fuel and light	107.4	107.4	107.5	0.1	0.1	19.59	19.61	0.02			
Furniture and floor coverings	112.4	116.7	117.7	0.9	4.7	2.64	2.67	0.03			
Appliances	108.1	108.5	109.2	0.6	1.0	4.60	4.63	0.03			
Household textiles	103.7	105.2	105.3	0.1	1.5	1.66	1.66	0.00			
Household utensils and tools	106.0	107.3	107.2	-0.1	1.1	0.82	0.82	0.00			
Household supplies and services	104.3	105.8	106.1	0.3	1.7	1.31	1.31	0.00			
Postal and telephone services	110.7	111.3	112.1	0.7	1.3	4.33	4.36	0.03			
Consumer credit charges	106.8	106.4	105.8	-0.6	-0.9	1.83	1.82	-0.01			
	101.2	93.8	91.6	-2.3	-9.5	2.39	2.34	-0.05			

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 Jun qtr 1993 and Sep qtr 1993	
	Sep qtr 1992	Jun qtr 1993	Sep qtr 1993	Jun qtr 1993 and Sep qtr 1993	Sep qtr 1992 and Sep qtr 1993	Jun qtr 1993	Jun qtr 1993	Sep qtr 1993	Jun qtr 1993 and Sep qtr 1993	Sep qtr 1993	
<b>TRANSPORTATION</b>											
Private motoring	110.9	112.1	113.2	1.0	2.1	17.63		17.81	0.18		
Motor vehicles	110.1	111.1	112.1	0.9	1.8	16.26		16.41	0.15		
Automotive fuel	105.8	111.2	113.5	2.1	7.3		4.54		4.64	0.10	
Vehicle insurance	115.3	112.0	112.2	0.2	-2.7		5.11		5.11	0.00	
Motoring charges	108.6	107.0	108.0	0.9	-0.6		2.24		2.26	0.02	
Tyres and tubes	118.3	127.5	128.8	1.0	8.9		0.99		1.00	0.01	
Vehicle service repairs and parts	101.0	101.6	103.4	1.8	2.4		0.37		0.38	0.01	
Urban transport fares	109.9	111.0	111.5	0.5	1.5	1.37	3.01	1.40	3.02	0.01	
	125.3	129.7	132.1	1.9	5.4					0.03	
<b>TOBACCO AND ALCOHOL</b>											
Alcoholic drinks	120.2	128.0	130.8	2.2	8.8	8.82		9.00	0.18		
Beer	113.1	115.4	116.7	1.1	3.2	5.56		5.63	0.07		
Wine	114.2	116.7	117.8	0.9	3.2		3.23		3.26	0.03	
Spirits	105.3	106.2	108.6	2.3	3.1		1.11		1.13	0.02	
Cigarettes and tobacco	117.3	120.6	121.6	0.8	3.7	3.25	1.23	3.38	1.24	0.01	
	137.5	158.5	164.5	3.8	19.6					0.13	
<b>HEALTH AND PERSONAL CARE</b>											
Health services	121.4	126.4	126.5	0.1	4.2	7.64		7.64	0.00		
Personal care products	128.6	134.6	136.0	1.0	5.8	4.48		4.53	0.05		
Hairdressing services	112.3	117.0	114.3	-2.3	1.8	2.31		2.25	-0.06		
	110.3	112.2	113.2	0.9	2.6	0.85		0.86	0.01		
<b>RECREATION AND EDUCATION</b>											
Books newspapers and magazines	107.5	110.4	110.7	0.3	3.0	12.01		12.04	0.03		
Recreational goods	118.3	127.8	129.4	1.3	9.4	1.34		1.36	0.02		
Holiday travel and accommodation	101.4	103.3	103.6	0.3	2.2	2.80		2.82	0.02		
Recreational services	96.1	96.0	96.2	0.2	0.1	2.53		2.54	0.01		
Education and child care	116.7	118.9	118.9	0.0	1.9	3.14		3.14	0.00		
	118.7	124.8	124.8	0.0	5.1	2.19		2.19	0.00		
<b>ALL GROUPS</b>	107.4	109.3	109.8	0.5	2.2	109.3		109.8	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)		
	Sep qtr 1992	Jun qtr 1993	Sep qtr 1993	Jun qtr 1993 and Sep qtr 1993	Sep qtr 1992 and Sep qtr 1993	Jun qtr 1993	Sep qtr 1993	Change between Jun qtr 1993 and Sep qtr 1993
ALL GROUPS	107.4	109.3	109.8	0.5	2.2	109.3	109.8	0.5
All groups - excluding food	107.8	109.6	110.0	0.4	2.0	89.36	89.67	0.31
All groups - excluding clothing	107.5	109.4	110.0	0.5	2.3	102.53	103.04	0.51
All groups - excluding housing	109.8	112.0	112.6	0.5	2.6	92.43	92.94	0.51
All groups - excluding household equipment and operation	107.4	109.8	110.3	0.5	2.7	89.73	90.16	0.43
All groups - excluding transportation	106.8	108.8	109.2	0.4	2.2	91.69	91.96	0.27
All groups - excluding tobacco and alcohol	106.4	107.8	108.1	0.3	1.6	100.50	100.77	0.27
All groups - excluding health and personal care	106.6	108.3	108.8	0.5	2.1	101.68	102.13	0.45
All groups - excluding recreation and education	107.5	109.3	109.7	0.4	2.0	97.31	97.73	0.42
All groups - excluding home ownership	109.8	111.9	112.5	0.5	2.5	97.67	98.18	0.51
Mortgage interest and consumer credit charges	83.1	80.3	79.0	-1.6	-4.9	9.09	8.95	-0.14
All groups - excluding mortgage interest and consumer credit charges	110.1	112.7	113.3	0.5	2.9	100.23	100.82	0.59
All groups - excluding hospital and medical services	106.8	108.6	109.0	0.4	2.1	105.76	106.17	0.41
All groups - goods component (a)	109.0	111.5	112.3	0.7	3.0	67.30	67.75	0.45
All groups - services component (b)	104.9	106.0	106.0	0.0	1.0	42.02	42.02	0.00
Selected State and local government charges (c)	114.6	121.3	122.1	0.7	6.5	7.37	7.43	0.06
All groups - excluding selected State and local government charges (c)	107.0	108.6	109.0	0.4	1.9	101.95	102.34	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:

Jun quarter 1993:	109.3	(see Table 1)
less: Mar quarter 1993:	108.9	(see Table 1)
Change in index points:	0.4	

$$\text{Percentage change} = \frac{0.4}{108.9} \times 100 = 0.4\%$$

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 1.63 index points to the total All Groups index number of 109.3 for June quarter 1993. 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

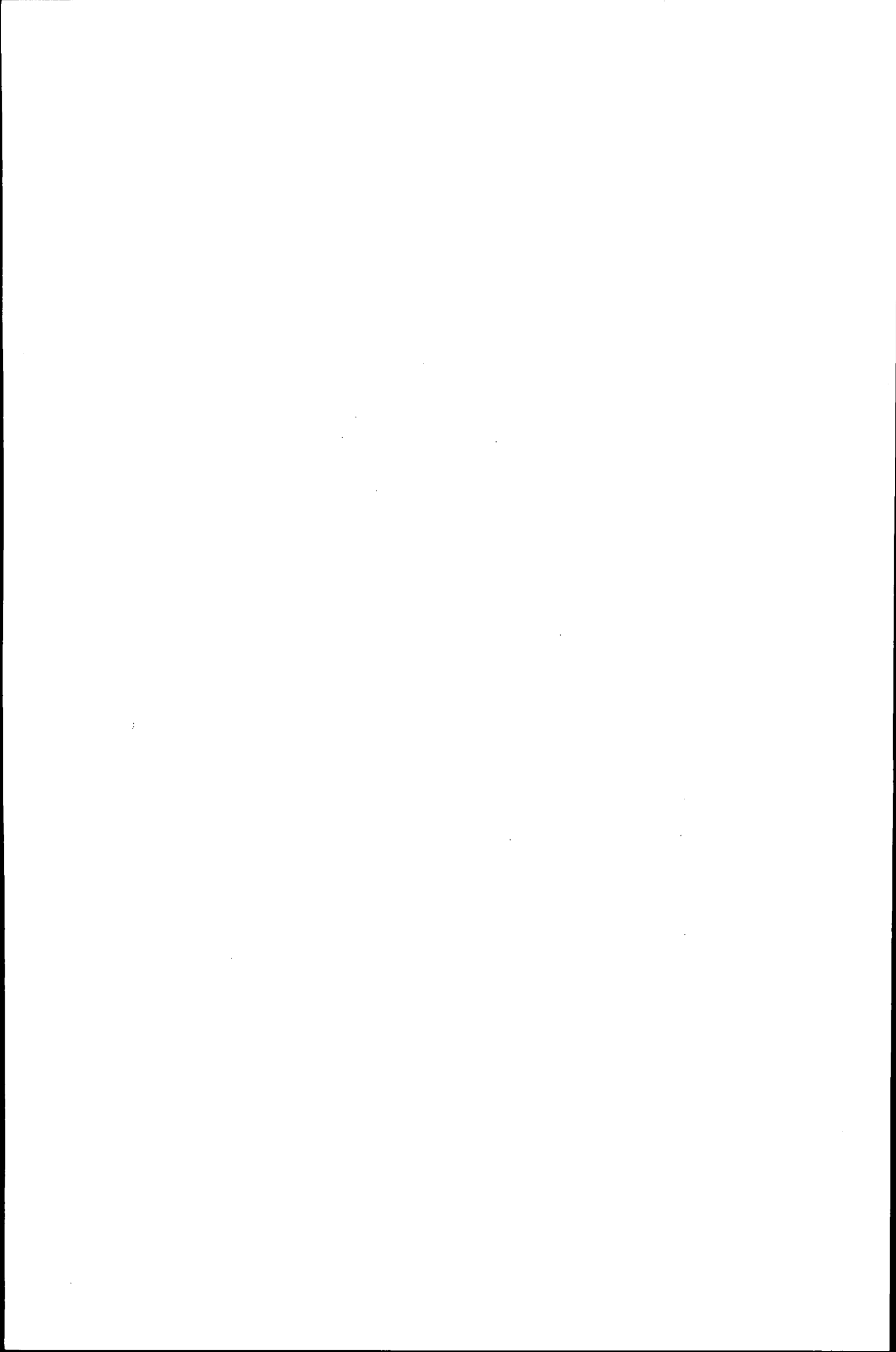
14. The Consumer Price Index - December quarter 1993 (6401.0) is scheduled to be released on Tuesday 25 January 1994.

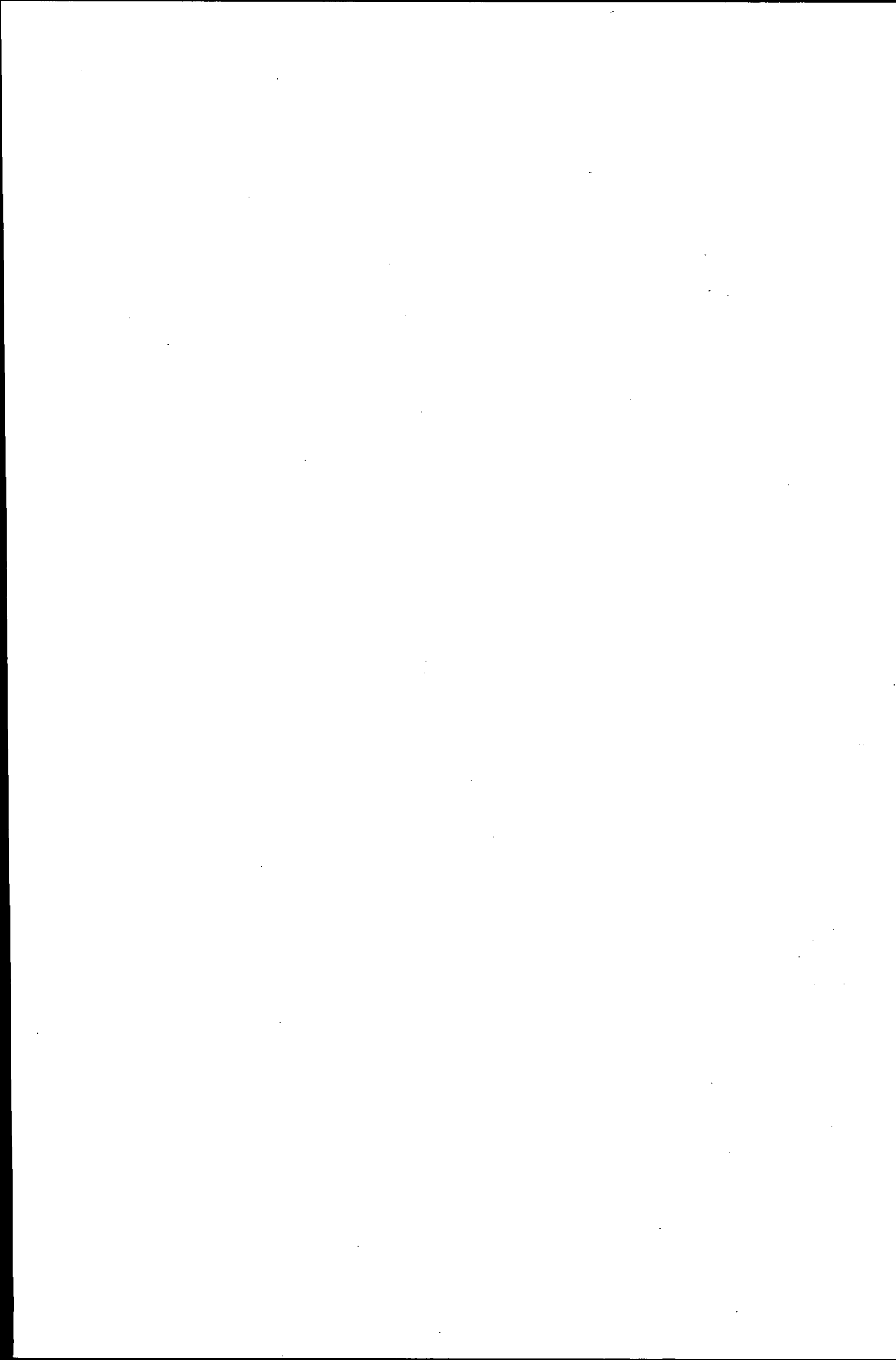
15. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia (1101.0)*. The ABS also issues, on Tuesdays and Fridays, a *Publications Advice (1105.0)* which lists publications to be released in the next few days. The catalogue and Publications Advice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