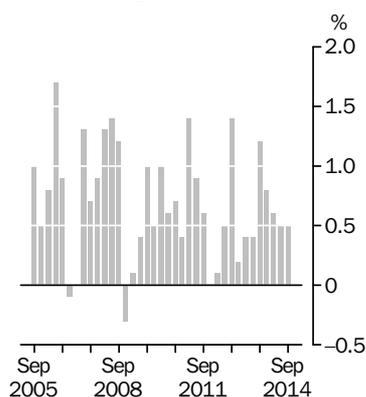


**CONSUMER PRICE INDEX**

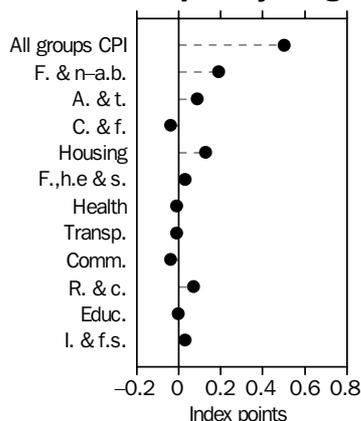
AUSTRALIA

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**All Groups CPI**  
Quarterly change



**Contribution to quarterly change**



**KEY FIGURES**

**WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES**

	<i>Jun Qtr 2014 to Sep Qtr 2014</i> % change	<i>Sep Qtr 2013 to Sep Qtr 2014</i> % change
<b>All groups CPI</b>	<b>0.5</b>	<b>2.3</b>
Food and non-alcoholic beverages	1.2	3.5
Alcohol and tobacco	1.1	7.3
Clothing and footwear	-1.0	-2.7
Housing	0.5	2.3
Furnishings, household equipment and services	0.4	0.4
Health	-0.2	4.7
Transport	-0.1	0.2
Communication	-1.4	-1.8
Recreation and culture	0.6	1.9
Education	0.1	5.2
Insurance and financial services	0.6	1.2
<b>CPI analytical series</b>		
All groups CPI, seasonally adjusted	0.1	2.2
Trimmed mean	0.4	2.5
Weighted median	0.6	2.6

**KEY POINTS**

**THE ALL GROUPS CPI**

- rose 0.5% in the September quarter 2014, compared with a rise of 0.5% in the June quarter 2014.
- rose 2.3% through the year to the September quarter 2014, compared with a rise of 3.0% through the year to the June quarter 2014.

**OVERVIEW OF CPI MOVEMENTS**

- The most significant price rises this quarter were for fruit (+14.7%), new dwelling purchase by owner-occupiers (+1.1%), property rates and charges (+6.3%) and other services in respect of motor vehicles (+5.8%).
- The most significant offsetting price falls this quarter were for electricity (-5.1%) and automotive fuel (-2.5%).

**INQUIRIES**

For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070.

# NOTES

## FORTHCOMING ISSUES

<i>ISSUE (Quarter)</i>	<i>RELEASE DATE</i>
December 2014	28 January 2015
March 2015	22 April 2015
June 2015	22 July 2015
September 2015	28 October 2015

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## CHANGES IN THIS ISSUE

The Consumer Price Index (CPI) measures price change for consumption goods and services acquired by Australian resident households. The Australian Government repealed carbon pricing with effect from 1 July 2014. It is not possible to quantify the impact of removing the carbon price on the price change measured by the CPI.

The CPI Annual Seasonal Re-analysis (ASR) process was conducted in the September quarter 2014. The ASR assesses the CPI seasonal patterns in more detail than is possible in the quarterly processing cycle. The outcomes of the ASR are provided in the Appendix to this issue.

Changes to the seasonally adjusted CPI series do not affect the original CPI index series.

For more information about seasonal adjustment see paragraphs 14 to 17 of the *Explanatory notes*.

## ROUNDING

Any discrepancies between totals and sums of components in this publication are due to rounding.

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## ABBREVIATIONS

ABS Australian Bureau of Statistics  
CPI Consumer Price Index  
n.e.c. not elsewhere classified

Jonathan Palmer  
Acting Australian Statistician

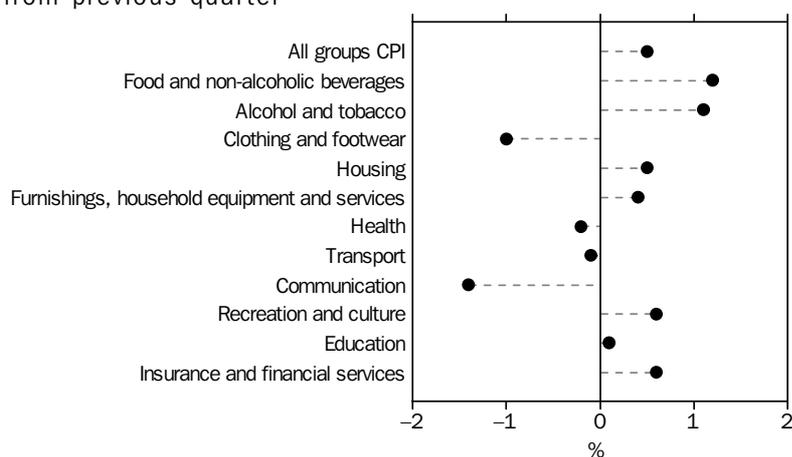
## MAIN CONTRIBUTORS TO CHANGE

### MAIN CONTRIBUTORS TO CHANGE

#### CPI GROUPS

The discussion of the CPI groups below is ordered in terms of their absolute significance to the change in All groups index points for the quarter (see Tables 6 and 7). Unless otherwise stated, the analysis uses original, not seasonally adjusted, estimates.

WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES, Percentage change from previous quarter



#### FOOD AND NON-ALCOHOLIC BEVERAGES GROUP (+1.2%)

The main contributor to the rise in the food and non-alcoholic beverages group for the September quarter 2014 was fruit (+14.7%). The rise was partially offset by a fall in bread (-3.0%).

Over the twelve months to the September quarter 2014, the food and non-alcoholic beverages group rose 3.5%. The main contributors to the rise were fruit (+19.2%), vegetables (+10.0%), restaurant meals (+2.2%) and takeaway and fast foods (+1.9%). The rise was partially offset by a fall in breakfast cereals (-6.0%).

In seasonally adjusted terms, the food and non-alcoholic beverages group rose 0.9% in the September quarter 2014. The main contributor to the rise was fruit (+9.3%).

#### HOUSING (+0.5%)

The main contributors to the rise in the housing group for the September quarter 2014 were new dwelling purchase by owner-occupiers (+1.1%) and property rates and charges (+6.3%). The rise was partially offset by a fall in electricity (-5.1%), which fell mainly due to the removal of the carbon price from 1 July 2014.

Over the twelve months to the September quarter 2014, the housing group rose 2.3%. The main contributors to the rise were new dwelling purchase by owner-occupiers (+3.8%), rents (+2.5%) and property rates and charges (+6.3%). The rise was partially offset by a fall in electricity (-4.4%).

In seasonally adjusted terms, the housing group fell 0.4% in the September quarter 2014. The main contributor to the fall was electricity (-8.1%).

#### ALCOHOL AND TOBACCO GROUP (+1.1%)

The main contributor to the rise in the alcohol and tobacco group for the September quarter 2014 was tobacco (+2.3%), mainly due to the effects of the federal excise tax increase from 1 September 2014.

## MAIN CONTRIBUTORS TO CHANGE *continued*

### ALCOHOL AND TOBACCO GROUP (+1.1%) *continued*

Over the twelve months to the September quarter 2014, the alcohol and tobacco group rose 7.3%. The main contributor to the rise was tobacco (+15.0%).

In seasonally adjusted terms, the alcohol and tobacco group rose 1.2% in the September quarter 2014. The main contributor to the rise was tobacco (+2.4%).

### RECREATION AND CULTURE GROUP (+0.6%)

The main contributor to the rise in the recreation and culture group for the September quarter 2014 was international holiday travel and accommodation (+1.3%). The rise was partially offset by falls in pets and related products (-1.8%) and games, toys and hobbies (-1.3%).

Over the twelve months to the September quarter 2014, the recreation and culture group rose 1.9%. The main contributor to the rise was international holiday travel and accommodation (+5.1%).

In the CPI, airfares are collected in advance (at the time of payment), but are only used in the CPI in the quarter in which the trip is undertaken. International airfares are collected two months in advance (July for travel in September) and domestic airfares are collected one month in advance (August for travel in September).

In seasonally adjusted terms, the recreation and culture group fell 0.7% in the September quarter 2014. The main contributor to the fall was international holiday travel and accommodation (-3.5%).

### COMMUNICATION GROUP (-1.4%)

The main contributor to the fall in the communication group for the September quarter 2014 was telecommunication equipment and services (-1.5%).

Over the twelve months to the September quarter 2014, the communication group fell 1.8%. The main contributor to the fall was telecommunication equipment and services (-2.1%).

The communication group is not seasonally adjusted.

### CLOTHING AND FOOTWEAR GROUP (-1.0%)

The main contributors to the fall in the clothing and footwear group for the September quarter 2014 were garments for men (-3.7%) and garments for women (-0.4%). This was partially offset by accessories (+0.4%).

Over the twelve months to the September quarter 2014, the clothing and footwear group fell 2.7%. The main contributors to the fall were garments for men (-3.7%) and garments for women (-2.3%).

In seasonally adjusted terms, the clothing and footwear group fell 2.0% in the September quarter 2014. The main contributor to the fall was garments for men (-5.5%).

### INSURANCE AND FINANCIAL SERVICES GROUP (+0.6%)

The main contributors to the rise in the insurance and financial services group for the September quarter 2014 were insurance (+0.7%) and other financial services (+0.5%).

Over the twelve months to the September quarter 2014, the insurance and financial services group rose 1.2%. The main contributor to this rise was other financial services (+1.8%).

## MAIN CONTRIBUTORS TO CHANGE *continued*

### INSURANCE AND FINANCIAL SERVICES GROUP (+0.6%) *continued*

In seasonally adjusted terms, the insurance and financial services group rose 0.4% in the September quarter 2014. The main contributor to the rise was other financial services (+0.5%).

### FURNISHINGS, HOUSEHOLD EQUIPMENT AND SERVICES GROUP (+0.4%)

The main contributor to the rise in the furnishings, household equipment and services group for the September quarter 2014 was child care (+3.1%).

Over the twelve months to the September quarter 2014, the furnishings, household equipment and services group rose 0.4%. The main contributor to the rise was child care (+7.2%).

In seasonally adjusted terms, the furnishings, household equipment and services group fell 0.2% in the September quarter 2014. The main contributor to the fall was household textiles (-4.5%).

### HEALTH GROUP (-0.2%)

The main contributor to the fall in the health group for the September quarter 2014 was pharmaceutical products (-1.4%), which fell mainly due to the cyclical effect of a greater proportion of consumers exceeding the Pharmaceutical Benefit Scheme (PBS) safety net. The fall was partially offset by a rise in dental services (+0.9%).

Over the twelve months to the September quarter 2014, the health group rose 4.7%. The main contributor to the rise was medical and hospital services (+6.2%).

In seasonally adjusted terms, the health group rose 1.5% in the September quarter 2014. The main contributor to the rise was medical and hospital services (+1.9%).

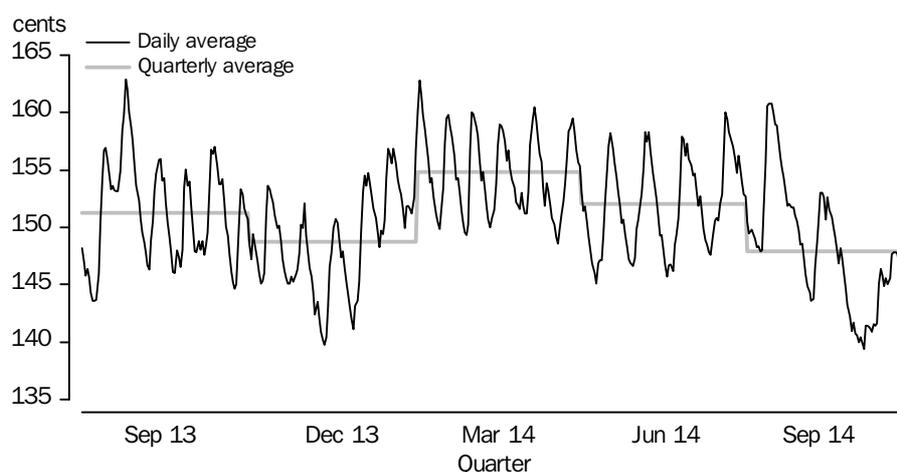
### TRANSPORT GROUP (-0.1%)

There was a fall for the transport group for the September quarter 2014 mainly due to a decrease in automotive fuel (-2.5%). The fall was partially offset by a rise in other services in respect of motor vehicles (+5.8%).

Automotive fuel fell in September (-1.7%) and August (-4.0%), was flat in July (0.0%), rose in June (+3.9%) and fell in May (-5.5%).

The following graph shows the pattern of the average daily prices for unleaded petrol for the eight capital cities over the last fifteen months.

AVERAGE PRICE OF UNLEADED PETROL (91 OCTANE), cents per litre



## MAIN CONTRIBUTORS TO CHANGE *continued*

### TRANSPORT GROUP (-0.1%) *continued*

Over the twelve months to the September quarter 2014, the transport group rose 0.2%. The main contributor to the rise was other services in respect of motor vehicles (+7.7%). The rise was partially offset by a fall in automotive fuel (-2.5%).

In seasonally adjusted terms, the transport group rose 0.4% in the September quarter 2014. The main contributor to the rise was other services in respect of motor vehicles (+4.6%).

### EDUCATION GROUP (+0.1%)

The education group recorded a movement of 0.1% in the September quarter 2014.

Over the twelve months to the September quarter 2014, the education group rose 5.2%. The main contributor to the rise was secondary education (+6.0%).

In seasonally adjusted terms, the education group rose 1.3% in the September quarter 2014. The main contributors to the rise were secondary education (+1.6%) and tertiary education (+1.1%).

### INTERNATIONAL TRADE EXPOSURE – TRADABLES AND NON-TRADABLES

The tradables component (see Table 8) of the All groups CPI rose 0.3% in the September quarter 2014. Prices for the goods and services in this component are largely determined on the world market. The tradables component represents approximately 40% of the weight of the CPI. The most significant contributors to the 0.3% rise in tradable goods component were fruit and tobacco. The most significant offsetting fall in the tradable goods component was automotive fuel. The rise in the tradables services component of 1.3% was driven by international holiday travel and accommodation.

The non-tradables component of the All groups CPI rose 0.5% in the September quarter 2014. Prices for the goods and services in this component are largely determined by domestic price pressures. The non-tradables component represents approximately 60% of the weight of the CPI. The non-tradable goods component fell 0.1% mainly due to electricity. The most significant offsetting rise was for new dwelling purchase by owner-occupiers. The non-tradable services component rose 0.8% mainly due to increases in property rates and charges, other services in respect of motor vehicles and rents. The most significant offsetting fall was for telecommunication equipment and services.

Over the twelve months to the September quarter 2014, the tradables component rose 2.0% and the non-tradables component rose 2.4%. This compares to a rise of 2.9% and a rise of 3.1% respectively through the year to the June quarter 2014.

In seasonally adjusted terms, the tradables component was flat (0.0%) in the September quarter 2014 and the non-tradables component rose 0.2%.

A detailed description of which expenditure classes are classified as tradable and non-tradable in the 16th series is shown in Appendix 1 of the September quarter 2011 issue of *Consumer Price Index, Australia* (cat. no 6401.0).

### SEASONALLY ADJUSTED ANALYTICAL SERIES

In the September quarter 2014, the All groups CPI seasonally adjusted rose 0.1%, compared to the original All groups CPI which recorded a rise of 0.5%.

## MAIN CONTRIBUTORS TO CHANGE *continued*

SEASONALLY ADJUSTED  
ANALYTICAL SERIES  
*continued*

The trimmed mean rose 0.4% in the September quarter 2014, compared to a rise of 0.8% in the June quarter 2014. Over the twelve months to the September quarter 2014, the trimmed mean rose 2.5%, compared to a revised rise of 2.8% over the twelve months to the June quarter 2014.

The weighted median rose 0.6% in the September quarter 2014, compared to a rise of 0.6% in the June quarter 2014. Over the twelve months to the September quarter 2014, the weighted median rose 2.6% compared to a revised rise of 2.6% over the twelve months to the June quarter 2014.

	ORIGINAL	SEASONALLY ADJUSTED
	<i>Jun Qtr 2014 to Sep Qtr 2014</i>	<i>Jun Qtr 2014 to Sep Qtr 2014</i>
<b>All groups CPI</b>	<b>0.5</b>	<b>0.1</b>
Food and non-alcoholic beverages	1.2	0.9
Alcohol and tobacco	1.1	1.2
Clothing and footwear	-1.0	-2.0
Housing	0.5	-0.4
Furnishings, household equipment and services	0.4	-0.2
Health	-0.2	1.5
Transport	-0.1	0.4
Communication(a)	-1.4	-1.4
Recreation and culture	0.6	-0.7
Education	0.1	1.3
Insurance and financial services	0.6	0.4
International trade exposure series		
Tradables	0.3	0.0
Non-tradables	0.5	0.2

(a) not seasonally adjusted.

A detailed explanation of the seasonal adjustment of the All Groups CPI is available in *Information Paper: Seasonal Adjustment of Consumer Price Indexes, 2011* (cat. no. 6401.0.55.003) available on the ABS website. This paper includes a description of the seasonal adjustment methodology used to calculate the trimmed mean and weighted median measures of underlying inflation.

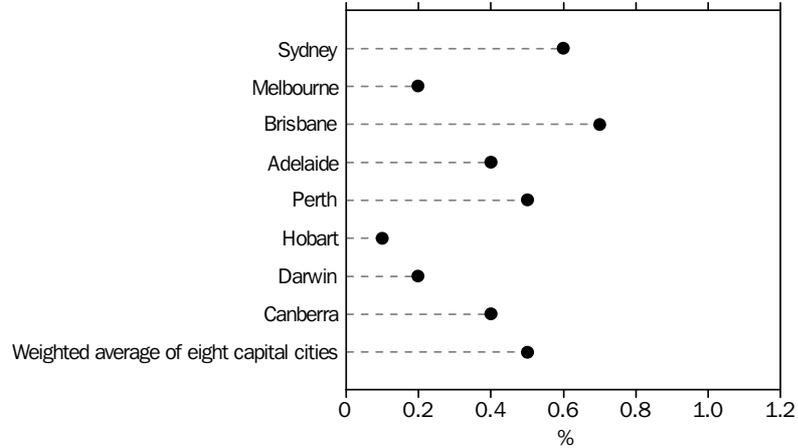
Revisions to the seasonally adjusted estimates can be the result of the application of concurrent seasonal adjustment, described in paragraph 15 of the Explanatory Notes.

## CAPITAL CITIES COMPARISON

### CAPITAL CITIES COMPARISON

ALL GROUPS CPI

ALL GROUPS CPI, Percentage change from previous quarter



At the All groups level, the CPI rose in all eight capital cities during the September quarter 2014.

The food and non-alcoholic beverages group was the most significant positive contributor to the All groups quarterly movement. The group recorded rises in all eight capital cities. Hobart (+2.3%) recorded the largest movement, mainly driven by increases in fruit.

At the eight capital cities level, the housing group was the second most significant contributor to the All groups quarterly movement (+0.5%), recording rises in five capital cities. The largest city movement was recorded by Adelaide (+2.0%), driven by the removal of a government Emergency Services Levy remission for non-concession ratepayers. Brisbane (+1.4%) recorded rises, mainly due to increases in electricity network charges.

The most significant negative contributors to the quarterly movement were the communication group (-1.4%) and the clothing and footwear group (-1.0%). The communication group recorded decreases in all eight capital cities, mainly due to falls in telecommunication equipment and services. The clothing and footwear group recorded falls in all cities with the exception of Brisbane where the most significant positive contributor was garments for men. The largest decreases for the clothing and footwear group was recorded in Darwin (-3.2%), mainly driven by falls in footwear.

Over the twelve months to the September quarter 2014, the All groups CPI rose in all capital cities with the largest positive movements recorded in Darwin (+2.7%) and Perth (+2.6%). Hobart (+1.9%) recorded the smallest rise over the twelve months to the September quarter 2014.

## CAPITAL CITIES COMPARISON *continued*

### ALL GROUPS CPI *continued*

#### ALL GROUPS CPI, All groups index numbers and percentage changes

	INDEX NUMBER(a)	PERCENTAGE CHANGE	
	Sep Qtr 2014	Jun Qtr 2014 to Sep Qtr 2014	Sep Qtr 2013 to Sep Qtr 2014
Sydney	106.6	0.6	2.2
Melbourne	106.1	0.2	2.0
Brisbane	106.5	0.7	2.6
Adelaide	105.9	0.4	2.1
Perth	106.9	0.5	2.6
Hobart	104.6	0.1	1.9
Darwin	108.3	0.2	2.7
Canberra	105.2	0.4	2.0
Weighted average of eight capital cities	106.4	0.5	2.3

(a) Index reference period: 2011–12 = 100.0.



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## ALL GROUPS CPI, Index numbers(a)

<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>
<b>2010-11</b>	97.6	97.7	98.1	97.5	97.9	97.8	97.9	97.6	97.7
<b>2011-12</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>2012-13</b>	102.6	102.2	102.0	102.1	102.2	101.2	103.1	101.9	102.3
<b>2013-14</b>	105.2	105.0	104.9	104.7	105.3	103.7	106.9	104.2	105.0
<b>2010</b>									
September	96.3	96.3	96.9	96.2	96.9	96.8	97.2	96.3	96.5
December	96.7	96.9	97.4	96.5	97.0	96.9	97.1	96.7	96.9
<b>2011</b>									
March	98.2	98.5	98.6	98.1	98.1	98.2	98.2	98.1	98.3
June	99.2	99.2	99.6	99.0	99.4	99.1	99.2	99.2	99.2
September	99.9	99.8	99.9	100.0	99.6	99.9	99.9	99.8	99.8
December	99.8	99.9	99.7	100.0	99.8	100.0	99.5	100.1	99.8
<b>2012</b>									
March	99.9	99.9	99.9	99.9	100.0	100.3	99.9	99.7	99.9
June	100.5	100.4	100.5	100.2	100.5	99.9	100.7	100.3	100.4
September	102.2	101.6	101.6	101.7	101.6	100.6	102.0	101.4	101.8
December	102.3	102.0	101.9	102.1	101.9	101.0	102.0	101.8	102.0
<b>2013</b>									
March	102.7	102.4	102.0	102.1	102.4	101.3	103.7	101.9	102.4
June	103.1	102.6	102.5	102.3	103.0	101.7	104.6	102.5	102.8
September	104.3	104.0	103.8	103.7	104.2	102.6	105.5	103.1	104.0
December	105.0	104.8	104.6	104.4	104.9	103.6	106.5	104.1	104.8
<b>2014</b>									
March	105.6	105.3	105.2	105.1	105.6	104.1	107.4	104.6	105.4
June	106.0	105.9	105.8	105.5	106.4	104.5	108.1	104.8	105.9
September	106.6	106.1	106.5	105.9	106.9	104.6	108.3	105.2	106.4

(a) Unless otherwise specified, reference period of each index: 2011-12 = 100.0.

## ALL GROUPS CPI, Percentage changes

<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>
PERCENTAGE CHANGE (from previous financial year)									
<b>2010-11</b>	3.0	3.3	3.3	3.3	2.8	2.9	2.6	2.7	3.1
<b>2011-12</b>	2.5	2.4	1.9	2.6	2.1	2.2	2.1	2.5	2.4
<b>2012-13</b>	2.6	2.2	2.0	2.1	2.2	1.2	3.1	1.9	2.3
<b>2013-14</b>	2.5	2.7	2.8	2.5	3.0	2.5	3.7	2.3	2.6
PERCENTAGE CHANGE (from corresponding quarter of previous year)									
<b>2010</b>									
September	2.6	3.1	2.9	2.7	3.1	2.9	2.3	2.1	2.9
December	2.4	3.1	3.1	2.6	2.6	2.3	2.3	2.1	2.8
<b>2011</b>									
March	3.2	3.5	3.6	3.7	2.6	2.9	2.9	2.9	3.3
June	3.8	3.5	3.9	3.9	3.0	3.4	3.1	3.8	3.5
September	3.7	3.6	3.1	4.0	2.8	3.2	2.8	3.6	3.4
December	3.2	3.1	2.4	3.6	2.9	3.2	2.5	3.5	3.0
<b>2012</b>									
March	1.7	1.4	1.3	1.8	1.9	2.1	1.7	1.6	1.6
June	1.3	1.2	0.9	1.2	1.1	0.8	1.5	1.1	1.2
September	2.3	1.8	1.7	1.7	2.0	0.7	2.1	1.6	2.0
December	2.5	2.1	2.2	2.1	2.1	1.0	2.5	1.7	2.2
<b>2013</b>									
March	2.8	2.5	2.1	2.2	2.4	1.0	3.8	2.2	2.5
June	2.6	2.2	2.0	2.1	2.5	1.8	3.9	2.2	2.4
September	2.1	2.4	2.2	2.0	2.6	2.0	3.4	1.7	2.2
December	2.6	2.7	2.6	2.3	2.9	2.6	4.4	2.3	2.7
<b>2014</b>									
March	2.8	2.8	3.1	2.9	3.1	2.8	3.6	2.6	2.9
June	2.8	3.2	3.2	3.1	3.3	2.8	3.3	2.2	3.0
September	2.2	2.0	2.6	2.1	2.6	1.9	2.7	2.0	2.3
PERCENTAGE CHANGE (from previous quarter)									
<b>2010</b>									
September	0.7	0.5	1.0	0.9	0.4	1.0	1.0	0.7	0.7
December	0.4	0.6	0.5	0.3	0.1	0.1	-0.1	0.4	0.4
<b>2011</b>									
March	1.6	1.7	1.2	1.7	1.1	1.3	1.1	1.4	1.4
June	1.0	0.7	1.0	0.9	1.3	0.9	1.0	1.1	0.9
September	0.7	0.6	0.3	1.0	0.2	0.8	0.7	0.6	0.6
December	-0.1	0.1	-0.2	0.0	0.2	0.1	-0.4	0.3	0.0
<b>2012</b>									
March	0.1	0.0	0.2	-0.1	0.2	0.3	0.4	-0.4	0.1
June	0.6	0.5	0.6	0.3	0.5	-0.4	0.8	0.6	0.5
September	1.7	1.2	1.1	1.5	1.1	0.7	1.3	1.1	1.4
December	0.1	0.4	0.3	0.4	0.3	0.4	0.0	0.4	0.2
<b>2013</b>									
March	0.4	0.4	0.1	0.0	0.5	0.3	1.7	0.1	0.4
June	0.4	0.2	0.5	0.2	0.6	0.4	0.9	0.6	0.4
September	1.2	1.4	1.3	1.4	1.2	0.9	0.9	0.6	1.2
December	0.7	0.8	0.8	0.7	0.7	1.0	0.9	1.0	0.8
<b>2014</b>									
March	0.6	0.5	0.6	0.7	0.7	0.5	0.8	0.5	0.6
June	0.4	0.6	0.6	0.4	0.8	0.4	0.7	0.2	0.5
September	0.6	0.2	0.7	0.4	0.5	0.1	0.2	0.4	0.5

CPI GROUPS, Weighted average of eight capital cities—Index numbers(a)

<i>Period</i>	<i>Food and non-alcoholic beverages</i>	<i>Alcohol and tobacco</i>	<i>Clothing and footwear</i>	<i>Housing</i>	<i>Furnishings, household equipment and services</i>	<i>Health</i>
<b>2010-11</b>	99.3	96.7	98.6	96.4	99.7	96.4
<b>2011-12</b>	100.0	100.0	100.0	100.0	100.0	100.0
<b>2012-13</b>	100.5	103.9	99.5	104.9	100.8	106.9
<b>2013-14</b>	101.8	110.0	99.3	109.0	101.5	111.6
<b>2010</b>						
September	95.9	95.5	99.7	95.2	100.6	94.9
December	98.0	96.2	97.9	95.8	100.0	93.7
<b>2011</b>						
March	100.9	97.3	97.2	97.1	98.4	97.4
June	102.3	97.9	99.5	97.5	99.8	99.4
September	102.0	98.4	101.0	99.2	100.1	98.4
December	100.5	99.3	100.4	99.7	100.2	97.1
<b>2012</b>						
March	98.4	100.7	98.6	100.3	99.1	101.5
June	99.0	101.7	100.0	100.7	100.6	103.0
September	100.9	102.6	100.2	103.9	101.6	105.5
December	100.8	102.8	101.0	104.1	101.0	104.6
<b>2013</b>						
March	100.0	104.4	97.1	105.4	99.7	107.7
June	100.1	105.8	99.7	106.0	100.7	109.8
September	100.3	106.7	100.8	108.1	101.7	109.8
December	101.9	108.4	99.7	108.6	102.1	109.2
<b>2014</b>						
March	102.2	111.5	97.6	109.2	100.6	112.0
June	102.6	113.3	99.1	110.1	101.7	115.2
September	103.8	114.5	98.1	110.6	102.1	115.0

(a) Unless otherwise specified, reference period of each index: 2011-12 = 100.0.

<i>Period</i>	<i>Transport</i>	<i>Communication</i>	<i>Recreation and culture</i>	<i>Education</i>	<i>Insurance and financial services</i>	<i>All groups CPI</i>
<b>2010–11</b>	96.9	98.9	100.5	94.4	96.0	97.7
<b>2011–12</b>	100.0	100.0	100.0	100.0	100.0	100.0
<b>2012–13</b>	101.1	101.7	99.1	105.9	102.8	102.3
<b>2013–14</b>	103.5	103.0	101.4	111.6	104.5	105.0
<b>2010</b>						
September	95.1	98.7	100.8	91.8	94.7	96.5
December	95.4	98.7	101.0	91.8	94.3	96.9
<b>2011</b>						
March	97.9	98.8	100.4	97.0	96.7	98.3
June	99.1	99.3	99.8	97.1	98.2	99.2
September	99.2	99.2	100.7	97.1	98.9	99.8
December	99.2	100.3	101.5	97.1	99.6	99.8
<b>2012</b>						
March	100.3	100.4	99.5	102.9	100.5	99.9
June	101.3	100.1	98.3	102.9	101.0	100.4
September	100.5	100.6	99.2	103.0	101.2	101.8
December	101.2	101.9	99.8	103.0	102.7	102.0
<b>2013</b>						
March	101.7	101.9	99.0	108.9	103.4	102.4
June	100.8	102.3	98.2	108.8	103.7	102.8
September	103.2	102.4	100.1	108.8	104.1	104.0
December	103.1	103.6	102.2	108.8	104.3	104.8
<b>2014</b>						
March	104.2	103.8	101.7	114.4	104.7	105.4
June	103.5	102.0	101.4	114.4	104.7	105.9
September	103.4	100.6	102.0	114.5	105.3	106.4

(a) Unless otherwise specified, reference period of each index: 2011–12 = 100.0.

## CPI GROUPS, Weighted average of eight capital cities—Percentage changes

	<i>Food and non-alcoholic beverages</i>	<i>Alcohol and tobacco</i>	<i>Clothing and footwear</i>	<i>Housing</i>	<i>Furnishings, household equipment and services</i>	<i>Health</i>
PERCENTAGE CHANGE (from previous financial year)						
<b>2010–11</b>	3.7	9.8	-2.0	4.9	-0.1	4.7
<b>2011–12</b>	0.7	3.4	1.4	3.7	0.3	3.7
<b>2012–13</b>	0.5	3.9	-0.5	4.9	0.8	6.9
<b>2013–14</b>	1.3	5.9	-0.2	3.9	0.7	4.4
PERCENTAGE CHANGE (from corresponding quarter of previous year)						
<b>2010</b>						
September	1.7	11.2	-2.8	5.1	0.4	5.3
December	2.4	11.3	-4.8	4.9	-0.2	4.9
<b>2011</b>						
March	4.3	11.2	-1.2	4.9	-0.5	4.2
June	6.1	5.6	1.1	4.6	0.0	4.0
September	6.4	3.0	1.3	4.2	-0.5	3.7
December	2.6	3.2	2.6	4.1	0.2	3.6
<b>2012</b>						
March	-2.5	3.5	1.4	3.3	0.7	4.2
June	-3.2	3.9	0.5	3.3	0.8	3.6
September	-1.1	4.3	-0.8	4.7	1.5	7.2
December	0.3	3.5	0.6	4.4	0.8	7.7
<b>2013</b>						
March	1.6	3.7	-1.5	5.1	0.6	6.1
June	1.1	4.0	-0.3	5.3	0.1	6.6
September	-0.6	4.0	0.6	4.0	0.1	4.1
December	1.1	5.4	-1.3	4.3	1.1	4.4
<b>2014</b>						
March	2.2	6.8	0.5	3.6	0.9	4.0
June	2.5	7.1	-0.6	3.9	1.0	4.9
September	3.5	7.3	-2.7	2.3	0.4	4.7
PERCENTAGE CHANGE (from previous quarter)						
<b>2010</b>						
September	-0.5	3.0	1.3	2.1	0.8	-0.7
December	2.2	0.7	-1.8	0.6	-0.6	-1.3
<b>2011</b>						
March	3.0	1.1	-0.7	1.4	-1.6	3.9
June	1.4	0.6	2.4	0.4	1.4	2.1
September	-0.3	0.5	1.5	1.7	0.3	-1.0
December	-1.5	0.9	-0.6	0.5	0.1	-1.3
<b>2012</b>						
March	-2.1	1.4	-1.8	0.6	-1.1	4.5
June	0.6	1.0	1.4	0.4	1.5	1.5
September	1.9	0.9	0.2	3.2	1.0	2.4
December	-0.1	0.2	0.8	0.2	-0.6	-0.9
<b>2013</b>						
March	-0.8	1.6	-3.9	1.2	-1.3	3.0
June	0.1	1.3	2.7	0.6	1.0	1.9
September	0.2	0.9	1.1	2.0	1.0	0.0
December	1.6	1.6	-1.1	0.5	0.4	-0.5
<b>2014</b>						
March	0.3	2.9	-2.1	0.6	-1.5	2.6
June	0.4	1.6	1.5	0.8	1.1	2.9
September	1.2	1.1	-1.0	0.5	0.4	-0.2

	<i>Transport</i>	<i>Communication</i>	<i>Recreation and culture</i>	<i>Education</i>	<i>Insurance and financial services</i>	<i>All groups CPI</i>
PERCENTAGE CHANGE (from previous financial year)						
<b>2010–11</b>	2.2	-0.1	-1.1	5.8	3.2	3.1
<b>2011–12</b>	3.2	1.1	-0.5	5.9	4.2	2.4
<b>2012–13</b>	1.1	1.7	-0.9	5.9	2.8	2.3
<b>2013–14</b>	2.4	1.3	2.3	5.4	1.7	2.6

	<i>Transport</i>	<i>Communication</i>	<i>Recreation and culture</i>	<i>Education</i>	<i>Insurance and financial services</i>	<i>All groups CPI</i>
PERCENTAGE CHANGE (from corresponding quarter of previous year)						
<b>2010</b>						
September	0.5	-0.4	-0.6	5.8	3.5	2.9
December	1.7	-0.4	-1.8	5.8	2.3	2.8
<b>2011</b>						
March	3.1	-0.2	-1.5	5.9	2.8	3.3
June	3.6	0.4	-0.3	5.9	4.2	3.5
September	4.3	0.5	-0.1	5.8	4.4	3.4
December	4.0	1.6	0.5	5.8	5.6	3.0
<b>2012</b>						
March	2.5	1.6	-0.9	6.1	3.9	1.6
June	2.2	0.8	-1.5	6.0	2.9	1.2
September	1.3	1.4	-1.5	6.1	2.3	2.0
December	2.0	1.6	-1.7	6.1	3.1	2.2
<b>2013</b>						
March	1.4	1.5	-0.5	5.8	2.9	2.5
June	-0.5	2.2	-0.1	5.7	2.7	2.4
September	2.7	1.8	0.9	5.6	2.9	2.2
December	1.9	1.7	2.4	5.6	1.6	2.7
<b>2014</b>						
March	2.5	1.9	2.7	5.1	1.3	2.9
June	2.7	-0.3	3.3	5.1	1.0	3.0
September	0.2	-1.8	1.9	5.2	1.2	2.3

	<i>Transport</i>	<i>Communication</i>	<i>Recreation and culture</i>	<i>Education</i>	<i>Insurance and financial services</i>	<i>All groups CPI</i>
PERCENTAGE CHANGE (from previous quarter)						
<b>2010</b>						
September	-0.6	-0.2	0.7	0.1	0.5	0.7
December	0.3	0.0	0.2	0.0	-0.4	0.4
<b>2011</b>						
March	2.6	0.1	-0.6	5.7	2.5	1.4
June	1.2	0.5	-0.6	0.1	1.6	0.9
September	0.1	-0.1	0.9	0.0	0.7	0.6
December	0.0	1.1	0.8	0.0	0.7	0.0
<b>2012</b>						
March	1.1	0.1	-2.0	6.0	0.9	0.1
June	1.0	-0.3	-1.2	0.0	0.5	0.5
September	-0.8	0.5	0.9	0.1	0.2	1.4
December	0.7	1.3	0.6	0.0	1.5	0.2
<b>2013</b>						
March	0.5	0.0	-0.8	5.7	0.7	0.4
June	-0.9	0.4	-0.8	-0.1	0.3	0.4
September	2.4	0.1	1.9	0.0	0.4	1.2
December	-0.1	1.2	2.1	0.0	0.2	0.8
<b>2014</b>						
March	1.1	0.2	-0.5	5.1	0.4	0.6
June	-0.7	-1.7	-0.3	0.0	0.0	0.5
September	-0.1	-1.4	0.6	0.1	0.6	0.5

Quarters	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	Weighted average of eight capital cities
FOOD AND NON-ALCOHOLIC BEVERAGES									
<b>2012</b>									
September	101.5	100.6	101.0	100.3	100.5	100.1	101.0	100.9	100.9
December	100.9	101.3	100.6	100.2	100.1	100.1	100.8	99.9	100.8
<b>2013</b>									
March	99.9	99.9	100.6	99.7	100.2	98.6	100.3	99.7	100.0
June	100.1	100.1	100.7	99.5	99.7	99.0	100.8	100.1	100.1
September	100.3	100.6	100.5	100.0	99.5	99.0	100.7	100.4	100.3
December	101.8	102.2	102.0	101.8	100.7	101.5	102.1	102.3	101.9
<b>2014</b>									
March	102.5	102.0	102.2	102.2	101.3	101.2	102.5	102.8	102.2
June	102.4	102.8	102.7	102.9	102.2	101.7	104.0	102.8	102.6
September	104.0	103.7	104.0	103.8	103.0	104.0	104.6	104.2	103.8
ALCOHOL AND TOBACCO									
<b>2012</b>									
September	102.6	102.4	102.9	102.6	102.2	103.2	103.3	103.7	102.6
December	102.5	102.6	103.5	102.8	102.5	103.7	104.1	103.5	102.8
<b>2013</b>									
March	104.2	104.0	105.4	104.8	103.9	105.4	105.8	104.7	104.4
June	105.5	105.8	106.6	106.2	105.2	106.9	105.9	105.7	105.8
September	106.2	106.5	107.6	107.4	106.4	108.0	105.8	106.8	106.7
December	108.1	108.1	109.3	109.1	108.2	110.0	107.3	108.5	108.4
<b>2014</b>									
March	110.9	111.3	112.6	112.6	111.5	113.6	109.9	111.6	111.5
June	112.3	113.5	114.4	114.7	112.7	114.8	112.0	112.7	113.3
September	113.6	114.4	115.8	115.8	114.2	115.9	112.6	113.7	114.5
CLOTHING AND FOOTWEAR									
<b>2012</b>									
September	101.7	97.9	102.7	97.3	101.6	97.4	99.3	98.9	100.2
December	101.0	99.9	103.8	99.6	103.2	97.8	99.9	98.4	101.0
<b>2013</b>									
March	95.3	98.0	98.5	95.6	99.2	97.3	98.9	97.1	97.1
June	98.4	98.8	100.6	100.7	103.6	100.7	99.5	98.8	99.7
September	99.8	99.2	101.9	102.2	105.6	99.7	99.2	99.1	100.8
December	98.1	98.5	101.0	101.4	103.9	99.9	98.9	100.0	99.7
<b>2014</b>									
March	97.7	95.0	99.6	96.2	101.3	99.0	98.7	98.8	97.6
June	96.7	99.2	99.7	98.2	105.5	102.3	100.1	97.5	99.1
September	95.4	98.2	100.6	95.3	104.9	100.8	96.9	95.8	98.1
HOUSING									
<b>2012</b>									
September	104.3	103.2	103.7	104.9	103.9	101.6	103.0	103.9	103.9
December	105.1	102.4	104.5	105.4	104.5	101.8	103.4	104.2	104.1
<b>2013</b>									
March	105.9	105.2	104.0	105.8	105.8	101.7	107.5	104.5	105.4
June	106.6	105.7	105.1	104.9	107.2	102.0	109.0	104.8	106.0
September	108.5	108.1	107.6	106.5	109.3	102.8	110.2	105.6	108.1
December	109.2	108.3	108.4	107.0	110.2	102.8	110.9	105.7	108.6
<b>2014</b>									
March	109.7	108.5	109.3	108.6	111.0	101.9	112.2	105.5	109.2
June	110.8	109.9	110.0	107.5	111.6	102.2	112.4	105.6	110.1
September	111.7	109.3	111.5	109.7	112.0	101.3	112.1	106.1	110.6

(a) Unless otherwise specified, reference period of each index: 2011-12 = 100.0.

Quarters	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	Weighted average of eight capital cities
FURNISHINGS, HOUSEHOLD EQUIPMENT AND SERVICES									
<b>2012</b>									
September	101.4	102.3	101.3	101.1	101.7	100.1	101.5	100.8	101.6
December	100.3	102.3	101.0	100.3	100.3	99.0	102.1	102.7	101.0
<b>2013</b>									
March	100.7	99.2	99.2	98.7	99.3	98.6	102.1	100.7	99.7
June	100.8	100.5	100.4	100.2	100.7	100.3	103.2	103.2	100.7
September	102.2	101.4	101.1	101.7	101.6	100.8	103.7	103.3	101.7
December	101.7	102.8	101.7	100.7	102.1	100.8	103.5	104.3	102.1
<b>2014</b>									
March	100.6	100.9	100.4	99.2	100.7	99.8	104.4	102.8	100.6
June	102.0	101.1	102.2	100.3	102.1	100.1	105.0	103.9	101.7
September	103.7	100.9	101.7	99.3	102.4	100.0	104.3	104.1	102.1
HEALTH									
<b>2012</b>									
September	105.4	105.3	105.1	106.7	106.0	106.1	102.0	104.6	105.5
December	104.5	104.6	104.3	106.2	104.7	105.1	101.5	103.1	104.6
<b>2013</b>									
March	107.5	107.7	107.8	108.0	108.2	107.3	104.0	107.7	107.7
June	110.0	109.3	110.2	111.1	109.5	110.1	106.2	108.9	109.8
September	109.9	109.1	109.8	111.6	109.7	110.0	107.8	108.5	109.8
December	109.3	108.7	109.0	111.5	109.2	109.8	107.9	107.8	109.2
<b>2014</b>									
March	112.1	111.4	112.5	113.3	112.0	112.1	110.3	111.5	112.0
June	115.6	114.5	115.5	117.1	114.4	116.2	112.6	114.0	115.2
September	115.3	114.6	115.2	117.0	113.8	115.7	113.0	114.2	115.0
TRANSPORT									
<b>2012</b>									
September	100.6	100.9	100.5	100.0	99.6	99.3	101.6	100.1	100.5
December	100.6	102.5	100.2	100.6	100.9	101.9	100.7	101.1	101.2
<b>2013</b>									
March	101.3	103.0	101.0	100.9	100.8	102.0	104.5	101.0	101.7
June	101.1	101.4	99.8	99.7	100.3	101.2	104.5	100.9	100.8
September	102.8	104.3	102.2	103.2	102.6	104.3	105.5	102.6	103.2
December	102.5	104.2	102.1	103.5	102.3	104.1	106.2	103.3	103.1
<b>2014</b>									
March	103.0	106.0	103.3	105.0	103.3	104.7	106.9	103.8	104.2
June	102.4	104.9	102.9	104.1	102.6	104.8	107.1	103.4	103.5
September	101.5	105.1	102.6	103.8	104.2	105.0	108.3	103.8	103.4
COMMUNICATION									
<b>2012</b>									
September	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6
December	101.9	101.9	102.0	101.9	101.7	101.9	101.8	101.9	101.9
<b>2013</b>									
March	101.8	101.9	101.9	101.9	101.7	101.9	101.8	101.9	101.9
June	102.3	102.4	102.4	102.3	102.1	102.3	102.2	102.3	102.3
September	102.4	102.5	102.4	102.4	102.2	102.4	102.3	102.4	102.4
December	103.5	103.6	103.8	103.6	103.3	103.6	103.5	103.5	103.6
<b>2014</b>									
March	103.8	103.9	104.0	103.8	103.5	103.9	103.7	103.8	103.8
June	102.0	102.1	102.2	102.0	101.7	102.1	101.9	102.0	102.0
September	100.5	100.6	100.7	100.6	100.2	100.6	100.5	100.6	100.6

(a) Unless otherwise specified, reference period of each index: 2011-12 = 100.0.

<i>Quarters</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>
RECREATION AND CULTURE									
<b>2012</b>									
September	99.3	98.8	99.6	99.5	98.9	97.5	102.0	99.3	99.2
December	99.8	100.0	100.4	99.9	99.1	97.9	99.9	100.1	99.8
<b>2013</b>									
March	98.9	99.1	99.1	98.9	98.9	98.5	99.0	99.1	99.0
June	98.3	98.0	98.7	97.7	98.3	96.0	100.3	98.7	98.2
September	100.5	99.9	100.5	99.3	99.7	98.6	103.5	100.4	100.1
December	102.3	102.3	102.6	101.1	101.4	101.0	107.1	102.7	102.2
<b>2014</b>									
March	102.0	102.5	100.6	100.3	100.9	102.0	105.5	102.3	101.7
June	101.7	101.3	100.8	100.9	101.4	100.8	106.1	102.8	101.4
September	101.8	102.2	101.7	101.1	102.2	100.2	107.7	103.3	102.0
EDUCATION									
<b>2012</b>									
September	102.6	102.9	103.8	103.1	103.3	102.5	102.8	102.6	103.0
December	102.6	102.9	103.8	103.1	103.3	102.5	102.8	102.6	103.0
<b>2013</b>									
March	109.0	108.4	109.5	109.9	108.8	109.5	108.7	106.9	108.9
June	108.6	108.4	109.5	109.9	108.8	109.5	108.7	107.0	108.8
September	108.5	108.5	109.7	109.9	108.8	109.6	108.7	107.0	108.8
December	108.6	108.5	109.7	109.9	108.8	109.6	108.7	107.1	108.8
<b>2014</b>									
March	113.5	113.8	116.0	115.1	116.5	114.9	113.8	112.1	114.4
June	113.5	113.8	116.0	115.1	116.5	114.9	113.8	112.1	114.4
September	113.6	113.9	116.1	115.1	116.5	114.9	113.8	112.1	114.5
INSURANCE AND FINANCIAL SERVICES									
<b>2012</b>									
September	102.9	102.5	96.1	100.6	101.6	101.9	102.0	98.8	101.2
December	104.9	103.5	97.4	102.3	103.1	104.0	103.5	101.0	102.7
<b>2013</b>									
March	106.6	102.8	98.4	102.1	103.4	104.9	104.0	102.5	103.4
June	106.7	102.7	99.3	102.9	104.1	106.9	104.7	102.2	103.7
September	107.4	103.0	99.9	102.5	104.8	107.4	105.4	100.9	104.1
December	107.5	102.9	100.2	103.4	105.1	107.6	105.6	101.5	104.3
<b>2014</b>									
March	107.7	103.6	100.8	102.9	105.7	108.5	106.0	101.6	104.7
June	106.9	104.0	100.6	104.4	107.0	107.6	105.7	101.0	104.7
September	108.2	104.6	101.4	103.5	106.3	108.1	107.2	99.8	105.3

(a) Unless otherwise specified, reference period of each index: 2011–12 = 100.0.

<i>Group, sub-group and expenditure class</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>
<b>Food and non-alcoholic beverages</b>	0.25	0.15	0.21	0.15	0.13	0.38	0.08	0.21	0.19
Bread and cereal products	-0.02	-0.06	-0.06	0.00	-0.02	0.00	-0.04	-0.01	-0.03
Bread	-0.03	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.02
Cakes and biscuits	0.02	-0.03	-0.03	0.00	-0.02	0.02	-0.03	-0.01	-0.01
Breakfast cereals	0.00	-0.01	-0.02	-0.01	-0.01	-0.01	0.00	-0.01	-0.01
Other cereal products	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01
Meat and seafoods	0.02	-0.01	0.01	-0.03	0.05	0.02	0.02	-0.01	0.01
Beef and veal	0.01	0.00	0.01	0.01	0.02	0.01	0.00	0.00	0.01
Pork	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	-0.01	0.00
Lamb and goat	0.00	-0.01	0.00	0.00	0.01	-0.01	0.00	-0.01	0.00
Poultry	0.01	0.01	-0.01	-0.02	0.00	0.00	0.00	0.00	0.00
Other meats	0.01	0.01	0.02	-0.01	0.00	0.01	0.01	0.00	0.00
Fish and other seafood	0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.01	0.00
Dairy and related products	0.01	0.01	0.04	-0.01	0.00	0.01	-0.01	0.03	0.02
Milk	0.00	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Cheese	0.01	0.02	0.02	-0.01	0.01	0.02	-0.01	0.01	0.01
Ice cream and other dairy products	0.00	0.00	0.01	0.00	-0.01	-0.01	0.00	0.01	0.00
Fruit and vegetables	0.21	0.14	0.20	0.18	0.08	0.32	0.07	0.11	0.17
Fruit	0.17	0.15	0.18	0.17	0.06	0.27	0.08	0.16	0.16
Vegetables	0.03	-0.01	0.01	0.01	0.02	0.05	0.00	-0.04	0.01
Food products n.e.c.	0.01	0.00	0.00	0.02	0.00	-0.02	-0.01	0.01	0.00
Eggs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jams, honey and spreads	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00
Food additives and condiments	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00
Oils and fats	-0.01	0.00	0.00	0.00	0.00	-0.01	0.01	0.00	0.00
Snacks and confectionery	0.00	-0.02	-0.01	0.00	0.01	-0.01	-0.01	-0.01	-0.01
Other food products n.e.c.	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00
Non-alcoholic beverages	0.02	0.01	0.01	0.01	0.02	0.02	-0.01	0.00	0.01
Coffee, tea and cocoa	0.02	0.01	0.01	0.02	0.01	0.03	0.01	0.00	0.01
Waters, soft drinks and juices	0.01	-0.01	0.00	-0.01	0.00	0.01	-0.02	0.00	0.00
Meals out and take away foods	0.01	0.06	0.01	-0.02	0.01	0.01	0.06	0.07	0.03
Restaurant meals	0.02	0.02	0.01	0.00	0.03	0.00	0.04	0.03	0.02
Take away and fast foods	-0.01	0.04	0.01	-0.02	-0.01	0.01	0.02	0.05	0.01
<b>Alcohol and tobacco</b>	0.09	0.07	0.11	0.09	0.11	0.10	0.06	0.07	0.09
Alcoholic beverages	0.03	-0.02	0.05	0.02	0.04	0.06	-0.03	0.01	0.02
Spirits	0.01	0.00	0.01	0.01	-0.02	0.00	0.02	0.00	0.00
Wine	0.00	-0.01	0.00	0.01	-0.03	0.03	-0.01	0.00	-0.01
Beer	0.02	-0.01	0.04	0.01	0.08	0.03	-0.04	0.01	0.02
Tobacco	0.06	0.09	0.06	0.07	0.07	0.05	0.09	0.06	0.07
Tobacco	0.06	0.09	0.06	0.07	0.07	0.05	0.09	0.06	0.07
<b>Clothing and footwear</b>	-0.06	-0.04	0.03	-0.13	-0.02	-0.07	-0.12	-0.07	-0.04
Garments	-0.04	-0.06	0.03	-0.12	-0.01	-0.02	-0.02	-0.07	-0.04
Garments for men	-0.05	-0.03	0.02	-0.05	-0.02	-0.01	-0.01	-0.02	-0.03
Garments for women	0.00	-0.02	0.00	-0.05	0.01	0.01	-0.01	-0.04	-0.01
Garments for infants and children	-0.01	-0.01	0.01	-0.02	0.00	-0.01	0.00	-0.01	0.00
Footwear	-0.01	0.01	0.00	0.00	-0.03	-0.05	-0.08	-0.02	0.00
Footwear for men	-0.01	-0.01	0.00	0.01	0.00	-0.02	-0.02	0.00	0.00
Footwear for women	0.01	0.01	0.00	0.00	-0.04	-0.03	-0.05	-0.01	0.00
Footwear for infants and children	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00
Accessories and clothing services	-0.01	0.01	0.00	-0.01	0.03	0.00	-0.02	0.02	0.00
Accessories	-0.01	0.01	0.00	-0.01	0.03	0.00	-0.02	0.02	0.01
Cleaning, repair and hire of clothing and footwear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<i>Group, sub-group and expenditure class</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>
<b>Housing</b>	0.23	-0.13	0.34	0.46	0.09	-0.18	-0.07	0.10	0.13
Rents	0.07	0.05	0.03	0.02	0.02	0.00	0.07	-0.06	0.04
Rents	0.07	0.05	0.03	0.02	0.02	0.00	0.07	-0.06	0.04
New dwelling purchase by owner-occupiers	0.19	0.11	0.04	0.00	0.04	0.04	0.01	0.07	0.11
New dwelling purchase by owner-occupiers	0.19	0.11	0.04	0.00	0.04	0.04	0.01	0.07	0.11
Other housing	0.08	0.14	0.08	0.27	0.10	0.06	0.05	0.14	0.12
Maintenance and repair of the dwelling	0.01	0.03	0.02	0.01	0.01	0.00	0.02	0.00	0.01
Property rates and charges	0.06	0.11	0.07	0.26	0.09	0.05	0.02	0.13	0.09
Utilities	-0.11	-0.43	0.19	0.16	-0.06	-0.27	-0.21	-0.04	-0.14
Water and sewerage	0.03	-0.13	0.09	0.05	0.05	0.03	0.00	0.03	-0.01
Electricity	-0.21	-0.22	0.09	0.01	-0.10	-0.31	-0.21	-0.17	-0.14
Gas and other household fuels	0.07	-0.08	0.01	0.11	0.00	0.00	-0.01	0.10	0.01
<b>Furnishings, household equipment and services</b>	0.15	-0.02	-0.05	-0.10	0.03	0.00	-0.05	0.03	0.03
Furniture and furnishings	0.06	-0.02	-0.07	-0.03	0.04	-0.02	-0.01	0.05	0.01
Furniture	0.06	-0.02	-0.06	-0.03	0.03	-0.03	0.00	0.05	0.00
Carpets and other floor coverings	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
Household textiles	-0.01	-0.01	-0.01	-0.08	-0.02	0.00	-0.04	-0.05	-0.01
Household textiles	-0.01	-0.01	-0.01	-0.08	-0.02	0.00	-0.04	-0.05	-0.01
Household appliances, utensils and tools	0.03	0.03	0.02	0.01	-0.01	0.00	-0.01	-0.05	0.02
Major household appliances	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	-0.02	0.00
Small electric household appliances	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00
Glassware, tableware and household utensils	0.03	0.03	0.00	0.02	-0.02	-0.01	0.00	-0.02	0.01
Tools and equipment for house and garden	-0.01	0.00	0.01	0.00	0.00	0.01	0.01	-0.01	0.00
Non-durable household products	0.00	-0.03	-0.03	-0.02	-0.01	0.02	-0.03	0.05	-0.02
Cleaning and maintenance products	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.00
Personal care products	-0.01	-0.03	-0.01	0.01	-0.03	0.00	-0.01	0.02	-0.01
Other non-durable household products	0.00	-0.02	-0.02	-0.04	0.02	0.01	-0.03	0.04	-0.01
Domestic and household services	0.07	0.02	0.04	0.03	0.03	0.00	0.02	0.01	0.04
Child care	0.04	0.01	0.04	0.01	0.03	-0.01	0.02	0.01	0.03
Hairdressing and personal grooming services	0.01	0.00	0.01	0.00	0.02	0.00	0.01	0.01	0.01
Other household services	0.02	0.01	0.00	0.00	-0.02	0.01	0.00	0.00	0.00
<b>Health</b>	-0.02	0.01	-0.02	-0.01	-0.03	-0.04	0.01	0.01	-0.01
Medical products, appliances and equipment	-0.01	-0.02	-0.01	-0.02	-0.02	-0.04	-0.02	-0.02	-0.02
Pharmaceutical products	-0.01	-0.02	-0.02	-0.02	-0.02	-0.03	-0.02	-0.02	-0.02
Therapeutic appliances and equipment	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
Medical, dental and hospital services	-0.01	0.02	0.00	0.01	-0.01	0.00	0.03	0.03	0.00
Medical and hospital services	0.00	0.01	-0.02	0.01	-0.01	0.01	0.03	0.01	0.00
Dental services	0.00	0.01	0.02	0.00	0.00	0.01	0.01	0.03	0.01
<b>Transport</b>	-0.10	0.02	-0.04	-0.03	0.19	0.01	0.14	0.05	-0.01
Private motoring	-0.11	0.01	-0.04	-0.03	0.16	0.01	0.15	0.04	-0.02
Motor vehicles	0.01	-0.06	0.05	0.01	-0.02	0.00	-0.02	-0.10	-0.02
Spare parts and accessories for motor vehicles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
Automotive fuel	-0.12	-0.09	-0.11	-0.14	-0.05	-0.04	0.03	-0.03	-0.10
Maintenance and repair of motor vehicles	-0.02	0.00	0.02	0.03	0.01	0.01	0.06	0.02	0.01
Other services in respect of motor vehicles	0.01	0.16	0.00	0.07	0.25	0.04	0.07	0.15	0.09
Urban transport fares	0.01	0.00	0.01	0.01	0.02	0.00	0.00	0.00	0.01
Urban transport fares	0.01	0.00	0.01	0.01	0.02	0.00	0.00	0.00	0.01

<i>Group, sub-group and expenditure class</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>
<b>Communication</b>	-0.05	-0.05	-0.04	-0.04	-0.05	-0.04	-0.04	-0.04	-0.04
Communication	-0.05	-0.05	-0.04	-0.04	-0.05	-0.04	-0.04	-0.04	-0.04
Postal services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Telecommunication equipment and services	-0.05	-0.05	-0.05	-0.04	-0.04	-0.05	-0.04	-0.04	-0.04
<b>Recreation and culture</b>	0.02	0.11	0.11	0.03	0.11	-0.10	0.18	0.07	0.07
Audio, visual and computing equipment and services	0.00	0.02	0.03	0.01	0.01	-0.03	-0.03	0.00	0.01
Audio, visual and computing equipment	-0.01	0.01	0.01	-0.02	0.01	-0.03	-0.03	0.01	0.00
Audio, visual and computing media and services	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.01
Newspapers, books and stationery	0.01	0.01	0.02	0.01	0.02	0.01	0.01	0.03	0.02
Books	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.03	0.00
Newspapers, magazines and stationery	0.01	0.00	0.02	0.01	0.01	0.00	0.00	0.00	0.01
Holiday travel and accommodation	0.05	0.04	0.04	-0.02	0.01	-0.11	0.17	0.01	0.03
Domestic holiday travel and accommodation	0.02	0.00	0.00	-0.05	0.01	-0.18	0.14	-0.02	0.00
International holiday travel and accommodation	0.03	0.04	0.04	0.03	0.00	0.07	0.03	0.03	0.03
Other recreation, sport and culture	-0.04	0.03	0.01	0.02	0.07	0.02	0.03	0.02	0.00
Equipment for sports, camping and open-air recreation	0.00	0.01	0.00	0.00	0.03	0.01	0.00	0.00	0.00
Games, toys and hobbies	-0.02	0.00	-0.01	0.00	-0.01	0.00	-0.02	0.00	-0.01
Pets and related products	-0.02	-0.01	-0.01	-0.01	0.00	-0.01	0.00	0.00	-0.01
Veterinary and other services for pets	0.00	0.00	0.02	0.00	0.01	0.01	0.03	0.00	0.00
Sports participation	-0.02	0.00	0.02	0.00	0.01	0.01	0.01	0.02	0.01
Other recreational, sporting and cultural services	-0.01	0.01	0.00	0.02	0.02	0.02	0.02	0.01	0.01
<b>Education</b>	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Education	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Preschool and primary education	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Secondary education	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tertiary education	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Insurance and financial services</b>	0.07	0.03	0.05	-0.04	-0.03	0.03	0.06	-0.06	0.03
Insurance	0.02	0.02	0.01	-0.04	0.00	0.01	0.03	0.00	0.02
Insurance	0.02	0.02	0.01	-0.04	0.00	0.01	0.03	0.00	0.02
Financial services	0.05	0.00	0.04	0.01	-0.03	0.01	0.03	-0.06	0.02
Deposit and loan facilities (direct charges)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other financial services	0.05	0.01	0.03	0.00	-0.03	0.01	0.03	-0.06	0.01
<b>All groups CPI</b>	<b>0.6</b>	<b>0.2</b>	<b>0.7</b>	<b>0.4</b>	<b>0.5</b>	<b>0.1</b>	<b>0.2</b>	<b>0.4</b>	<b>0.5</b>

Group, sub-group and expenditure class	INDEX NUMBERS(a)			PERCENTAGE CHANGE		CONTRIBUTION TO TOTAL CPI (ALL GROUPS) (INDEX POINTS)		CHANGE IN POINTS CONTRIBUTION
	Sep Qtr 2013	Jun Qtr 2014	Sep Qtr 2014	Jun Qtr 2014 to Sep Qtr 2014	Sep Qtr 2013 to Sep Qtr 2014	Jun Qtr 2014	Sep Qtr 2014	Jun Qtr 2014 to Sep Qtr 2014
<b>Food and non-alcoholic beverages</b>	100.3	102.6	103.8	1.2	3.5	16.76	16.95	0.19
Bread and cereal products	101.9	102.3	100.3	-2.0	-1.6	1.73	1.70	-0.03
Bread	102.0	104.0	100.9	-3.0	-1.1	0.59	0.57	-0.02
Cakes and biscuits	101.8	102.6	101.3	-1.3	-0.5	0.75	0.74	-0.01
Breakfast cereals	102.0	100.4	95.9	-4.5	-6.0	0.18	0.17	-0.01
Other cereal products	102.1	98.5	99.4	0.9	-2.6	0.20	0.21	0.01
Meat and seafoods	99.1	102.8	103.2	0.4	4.1	2.30	2.31	0.01
Beef and veal	97.6	103.4	105.6	2.1	8.2	0.40	0.41	0.01
Pork	100.8	104.1	104.0	-0.1	3.2	0.37	0.37	0.00
Lamb and goat	86.6	93.9	91.8	-2.2	6.0	0.23	0.23	0.00
Poultry	104.0	104.9	105.1	0.2	1.1	0.49	0.49	0.00
Other meats	97.4	103.4	105.0	1.5	7.8	0.40	0.40	0.00
Fish and other seafood	102.9	103.8	103.4	-0.4	0.5	0.42	0.42	0.00
Dairy and related products	98.2	100.1	101.0	0.9	2.9	1.13	1.15	0.02
Milk	97.2	97.7	97.5	-0.2	0.3	0.41	0.41	0.00
Cheese	98.8	104.2	107.3	3.0	8.6	0.35	0.36	0.01
Ice cream and other dairy products	99.0	99.1	99.3	0.2	0.3	0.38	0.38	0.00
Fruit and vegetables	92.7	99.0	105.7	6.8	14.0	2.46	2.63	0.17
Fruit	83.9	87.2	100.0	14.7	19.2	1.06	1.22	0.16
Vegetables	101.1	110.3	111.2	0.8	10.0	1.40	1.41	0.01
Food products n.e.c.	101.1	101.7	101.9	0.2	0.8	2.20	2.20	0.00
Eggs	104.6	111.9	112.4	0.4	7.5	0.12	0.12	0.00
Jams, honey and spreads	100.2	102.7	106.7	3.9	6.5	0.15	0.15	0.00
Food additives and condiments	101.3	99.6	99.9	0.3	-1.4	0.31	0.31	0.00
Oils and fats	100.0	100.5	99.7	-0.8	-0.3	0.17	0.17	0.00
Snacks and confectionery	101.8	103.4	102.8	-0.6	1.0	0.99	0.98	-0.01
Other food products n.e.c.	99.3	97.7	98.2	0.5	-1.1	0.46	0.46	0.00
Non-alcoholic beverages	103.0	103.4	104.4	1.0	1.4	1.19	1.20	0.01
Coffee, tea and cocoa	103.1	100.2	105.5	5.3	2.3	0.29	0.30	0.01
Waters, soft drinks and juices	103.0	104.4	104.0	-0.4	1.0	0.90	0.90	0.00
Meals out and take away foods	103.2	104.9	105.4	0.5	2.1	5.75	5.78	0.03
Restaurant meals	102.4	104.0	104.7	0.7	2.2	2.94	2.96	0.02
Take away and fast foods	104.1	106.0	106.1	0.1	1.9	2.81	2.82	0.01
<b>Alcohol and tobacco</b>	106.7	113.3	114.5	1.1	7.3	8.11	8.20	0.09
Alcoholic beverages	103.5	106.3	106.6	0.3	3.0	5.07	5.09	0.02
Spirits	105.1	107.4	107.9	0.5	2.7	0.98	0.98	0.00
Wine	103.6	105.9	105.4	-0.5	1.7	1.73	1.72	-0.01
Beer	102.7	106.2	107.1	0.8	4.3	2.37	2.39	0.02
Tobacco	113.1	127.2	130.1	2.3	15.0	3.04	3.11	0.07
Tobacco	113.1	127.2	130.1	2.3	15.0	3.04	3.11	0.07
<b>Clothing and footwear</b>	100.8	99.1	98.1	-1.0	-2.7	3.94	3.90	-0.04
Garments	100.1	99.1	97.5	-1.6	-2.6	2.47	2.43	-0.04
Garments for men	105.0	105.0	101.1	-3.7	-3.7	0.77	0.74	-0.03
Garments for women	97.9	96.0	95.6	-0.4	-2.3	1.40	1.39	-0.01
Garments for infants and children	98.9	99.7	98.3	-1.4	-0.6	0.30	0.30	0.00
Footwear	100.7	97.2	96.1	-1.1	-4.6	0.60	0.60	0.00
Footwear for men	101.3	100.9	98.0	-2.9	-3.3	0.14	0.14	0.00
Footwear for women	100.5	94.8	95.3	0.5	-5.2	0.34	0.34	0.00
Footwear for infants and children	100.9	99.9	96.6	-3.3	-4.3	0.12	0.12	0.00
Accessories and clothing services	103.0	100.7	101.3	0.6	-1.7	0.87	0.87	0.00
Accessories	102.7	100.0	100.4	0.4	-2.2	0.74	0.75	0.01
Cleaning, repair and hire of clothing and footwear	104.5	105.2	106.9	1.6	2.3	0.13	0.13	0.00

(a) Unless otherwise specified, reference period of each index: 2011-12 = 100.0.

continued

Group, sub-group and expenditure class	INDEX NUMBERS(a)			PERCENTAGE CHANGE		CONTRIBUTION TO TOTAL CPI (ALL GROUPS INDEX POINTS)		CHANGE IN POINTS CONTRIBUTION
	Sep Qtr 2013	Jun Qtr 2014	Sep Qtr 2014	Jun Qtr 2014 to Sep Qtr 2014	Sep Qtr 2013 to Sep Qtr 2014	Jun Qtr 2014	Sep Qtr 2014	Jun Qtr 2014 to Sep Qtr 2014
<b>Housing</b>	108.1	110.1	110.6	0.5	2.3	24.99	25.12	0.13
Rents	105.7	107.6	108.3	0.7	2.5	7.37	7.41	0.04
Rents	105.7	107.6	108.3	0.7	2.5	7.37	7.41	0.04
New dwelling purchase by owner-occupiers	104.2	107.0	108.2	1.1	3.8	9.21	9.32	0.11
New dwelling purchase by owner-occupiers	104.2	107.0	108.2	1.1	3.8	9.21	9.32	0.11
Other housing	107.8	108.9	112.3	3.1	4.2	3.66	3.78	0.12
Maintenance and repair of the dwelling	103.7	105.5	106.4	0.9	2.6	2.16	2.17	0.01
Property rates and charges	114.2	114.2	121.4	6.3	6.3	1.51	1.60	0.09
Utilities	121.0	122.1	118.7	-2.8	-1.9	4.75	4.61	-0.14
Water and sewerage	113.1	114.3	113.6	-0.6	0.4	1.11	1.10	-0.01
Electricity	123.6	124.5	118.2	-5.1	-4.4	2.70	2.56	-0.14
Gas and other household fuels	123.9	125.5	127.0	1.2	2.5	0.94	0.95	0.01
<b>Furnishings, household equipment and services</b>	101.7	101.7	102.1	0.4	0.4	9.20	9.23	0.03
Furniture and furnishings	98.5	100.0	100.4	0.4	1.9	1.87	1.88	0.01
Furniture	98.3	99.9	100.2	0.3	1.9	1.59	1.59	0.00
Carpets and other floor coverings	99.9	101.0	101.5	0.5	1.6	0.28	0.28	0.00
Household textiles	98.1	93.4	90.3	-3.3	-8.0	0.56	0.55	-0.01
Household textiles	98.1	93.4	90.3	-3.3	-8.0	0.56	0.55	-0.01
Household appliances, utensils and tools	96.4	96.2	97.5	1.4	1.1	1.34	1.36	0.02
Major household appliances	93.9	97.2	97.7	0.5	4.0	0.47	0.47	0.00
Small electric household appliances	94.7	94.1	94.3	0.2	-0.4	0.22	0.22	0.00
Glassware, tableware and household utensils	98.3	93.5	97.1	3.9	-1.2	0.40	0.41	0.01
Tools and equipment for house and garden	99.7	100.7	100.5	-0.2	0.8	0.26	0.26	0.00
Non-durable household products	101.3	99.8	99.3	-0.5	-2.0	2.83	2.81	-0.02
Cleaning and maintenance products	100.4	98.2	99.7	1.5	-0.7	0.29	0.29	0.00
Personal care products	100.1	97.4	96.3	-1.1	-3.8	1.07	1.06	-0.01
Other non-durable household products	102.3	101.9	101.4	-0.5	-0.9	1.47	1.46	-0.01
Domestic and household services	108.8	110.8	112.5	1.5	3.4	2.60	2.64	0.04
Child care	114.8	119.4	123.1	3.1	7.2	0.87	0.90	0.03
Hairdressing and personal grooming services	103.9	105.2	106.0	0.8	2.0	0.95	0.96	0.01
Other household services	108.8	109.1	110.0	0.8	1.1	0.78	0.78	0.00
<b>Health</b>	109.8	115.2	115.0	-0.2	4.7	6.09	6.08	-0.01
Medical products, appliances and equipment	101.7	103.8	102.6	-1.2	0.9	1.33	1.31	-0.02
Pharmaceutical products	102.1	104.6	103.1	-1.4	1.0	1.18	1.16	-0.02
Therapeutic appliances and equipment	98.9	98.3	98.6	0.3	-0.3	0.15	0.15	0.00
Medical, dental and hospital services	112.3	118.8	119.0	0.2	6.0	4.76	4.76	0.00
Medical and hospital services	113.7	120.8	120.8	0.0	6.2	4.15	4.15	0.00
Dental services	104.2	106.8	107.8	0.9	3.5	0.60	0.61	0.01
<b>Transport</b>	103.2	103.5	103.4	-0.1	0.2	11.97	11.96	-0.01
Private motoring	103.0	103.1	102.9	-0.2	-0.1	11.15	11.13	-0.02
Motor vehicles	96.1	96.2	95.9	-0.3	-0.2	3.05	3.03	-0.02
Spare parts and accessories for motor vehicles	100.3	102.3	102.4	0.1	2.1	1.01	1.01	0.00
Automotive fuel	106.0	106.1	103.4	-2.5	-2.5	3.76	3.66	-0.10
Maintenance and repair of motor vehicles	105.6	103.1	103.3	0.2	-2.2	1.78	1.79	0.01
Other services in respect of motor vehicles	109.3	111.2	117.7	5.8	7.7	1.54	1.63	0.09
Urban transport fares	107.2	109.5	110.7	1.1	3.3	0.83	0.84	0.01
Urban transport fares	107.2	109.5	110.7	1.1	3.3	0.83	0.84	0.01

(a) Unless otherwise specified, reference period of each index: 2011-12 = 100.0.

continued

Group, sub-group and expenditure class	INDEX NUMBERS(a)			PERCENTAGE CHANGE		CONTRIBUTION TO TOTAL CPI (ALL GROUPS INDEX POINTS)		CHANGE IN POINTS CONTRIBUTION
	Jun Qtr 2013	Jul Qtr 2013	Aug Qtr 2013	Jun Qtr 2014 to Sep Qtr 2014	Jul Qtr 2013 to Sep Qtr 2014	Jun Qtr 2014	Jul Qtr 2014	Jun Qtr 2014 to Sep Qtr 2014
	2013	2014	2014			2014	2014	
<b>Communication</b>	102.4	102.0	100.6	-1.4	-1.8	3.11	3.07	-0.04
Communication	102.4	102.0	100.6	-1.4	-1.8	3.11	3.07	-0.04
Postal services	104.4	109.9	109.9	0.0	5.3	0.14	0.14	0.00
Telecommunication equipment and services	102.3	101.7	100.2	-1.5	-2.1	2.97	2.93	-0.04
<b>Recreation and culture</b>	100.1	101.4	102.0	0.6	1.9	12.67	12.74	0.07
Audio, visual and computing equipment and services	88.7	85.8	86.3	0.6	-2.7	2.03	2.04	0.01
Audio, visual and computing equipment	81.7	76.6	76.8	0.3	-6.0	1.07	1.07	0.00
Audio, visual and computing media and services	98.8	99.1	99.8	0.7	1.0	0.96	0.97	0.01
Newspapers, books and stationery	102.9	104.7	106.3	1.5	3.3	1.12	1.14	0.02
Books	96.5	96.7	98.4	1.8	2.0	0.38	0.38	0.00
Newspapers, magazines and stationery	106.6	109.4	110.8	1.3	3.9	0.74	0.75	0.01
Holiday travel and accommodation	103.0	105.1	105.7	0.6	2.6	5.12	5.15	0.03
Domestic holiday travel and accommodation	103.0	103.4	103.3	-0.1	0.3	2.66	2.66	0.00
International holiday travel and accommodation	103.1	107.0	108.4	1.3	5.1	2.46	2.49	0.03
Other recreation, sport and culture	102.5	105.2	105.4	0.2	2.8	4.41	4.41	0.00
Equipment for sports, camping and open-air recreation	97.6	98.9	100.2	1.3	2.7	0.59	0.59	0.00
Games, toys and hobbies	93.6	95.8	94.6	-1.3	1.1	0.72	0.71	-0.01
Pets and related products	102.2	101.1	99.3	-1.8	-2.8	0.39	0.38	-0.01
Veterinary and other services for pets	104.5	107.3	108.6	1.2	3.9	0.44	0.44	0.00
Sports participation	107.2	111.2	111.4	0.2	3.9	1.06	1.07	0.01
Other recreational, sporting and cultural services	106.5	110.3	111.0	0.6	4.2	1.21	1.22	0.01
<b>Education</b>	108.8	114.4	114.5	0.1	5.2	3.73	3.73	0.00
Education	108.8	114.4	114.5	0.1	5.2	3.73	3.73	0.00
Preschool and primary education	107.2	112.7	113.1	0.4	5.5	0.60	0.61	0.01
Secondary education	109.3	115.9	115.9	0.0	6.0	1.50	1.50	0.00
Tertiary education	109.0	113.7	113.7	0.0	4.3	1.62	1.62	0.00
<b>Insurance and financial services</b>	104.1	104.7	105.3	0.6	1.2	5.38	5.41	0.03
Insurance	108.9	107.7	108.5	0.7	-0.4	1.57	1.59	0.02
Insurance	108.9	107.7	108.5	0.7	-0.4	1.57	1.59	0.02
Financial services	102.2	103.6	104.0	0.4	1.8	3.80	3.82	0.02
Deposit and loan facilities (direct charges)	100.2	101.1	101.4	0.3	1.2	0.76	0.76	0.00
Other financial services	102.8	104.2	104.7	0.5	1.8	3.05	3.06	0.01
<b>All groups CPI</b>	<b>104.0</b>	<b>105.9</b>	<b>106.4</b>	<b>0.5</b>	<b>2.3</b>	<b>105.9</b>	<b>106.4</b>	<b>0.5</b>

(a) Unless otherwise specified, reference period of each index: 2011-12 = 100.0.

	INDEX NUMBERS(b)			PERCENTAGE CHANGE		CONTRIBUTION TO TOTAL CPI (ALL GROUPS CPI INDEX POINTS)		CHANGE IN POINTS CONTRIBUTION
	Sep Qtr 2013	Jun Qtr 2014	Sep Qtr 2014	Jun Qtr 2014 to Sep Qtr 2014	Sep Qtr 2013 to Sep Qtr 2014	Jun Qtr 2014	Sep Qtr 2014	Jun Qtr 2014 to Sep Qtr 2014
<b>All groups CPI</b>	104.0	105.9	106.4	0.5	2.3	105.9	106.4	0.5
<b>All groups CPI, seasonally adjusted</b>	103.9	r106.1	106.2	0.1	2.2	..	..	..
<b>Underlying trend series</b>								
Trimmed mean	r103.7	r105.9	106.3	0.4	2.5	..	..	..
Weighted median	r104.0	r106.1	106.7	0.6	2.6	..	..	..
<b>International trade exposure series</b>								
Tradables	100.1	101.8	102.1	0.3	2.0	39.63	39.76	0.13
Non-tradables	106.5	108.6	109.1	0.5	2.4	66.31	66.61	0.30
<b>Goods and services series</b>								
Goods component	102.5	104.2	104.4	0.2	1.9	60.13	60.21	0.08
Services component	106.1	108.3	109.1	0.7	2.8	45.81	46.17	0.36
<b>All groups CPI including</b>								
Deposit and loan facilities (indirect charges)	103.9	106.0	106.4	0.4	2.4	..	..	..
<b>Market goods and services excluding 'volatile items'</b>								
Goods	101.2	102.9	103.2	0.3	2.0	47.99	48.14	0.15
Services	104.3	105.6	106.0	0.4	1.6	32.29	32.42	0.13
Total	102.5	104.0	104.3	0.3	1.8	80.28	80.56	0.28
<b>All groups CPI excluding</b>								
Food and non-alcoholic beverages	104.8	106.6	106.9	0.3	2.0	89.18	89.42	0.24
Alcohol and tobacco	103.8	105.4	105.8	0.4	1.9	97.83	98.18	0.35
Clothing and footwear	104.2	106.2	106.7	0.5	2.4	102.00	102.48	0.48
Housing	102.8	104.7	105.1	0.4	2.2	80.95	81.26	0.31
Furnishings, household equipment and services	104.3	106.4	106.8	0.4	2.4	96.74	97.14	0.40
Health	103.7	105.4	105.9	0.5	2.1	99.85	100.30	0.45
Transport	104.1	106.3	106.8	0.5	2.6	93.97	94.41	0.44
Communication	104.1	106.1	106.6	0.5	2.4	102.83	103.31	0.48
Recreation and culture	104.6	106.6	107.0	0.4	2.3	93.27	93.64	0.37
Education	103.9	105.7	106.1	0.4	2.1	102.21	102.65	0.44
Insurance and financial services	104.0	106.0	106.4	0.4	2.3	100.56	100.97	0.41
Housing, Insurance and financial services	102.7	104.7	105.1	0.4	2.3	75.57	75.85	0.28
Medical and hospital services	103.7	105.4	105.9	0.5	2.1	101.78	102.22	0.44
Food and energy	103.9	105.9	106.5	0.6	2.5	84.72	85.21	0.49
'Volatile items'	104.3	106.1	106.5	0.4	2.1	99.72	100.09	0.37

.. not applicable

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(a) Refer to paragraphs 11 and 12 of the Explanatory Notes for a description of these series.

(b) Unless otherwise specified, reference period of each index: 2011-12 = 100.0.

INTERNATIONAL COMPARISONS, All groups CPI excluding Housing and Insurance and financial services—Index numbers(a)

<i>Period</i>	<i>Australia</i>	<i>New Zealand</i>	<i>Hong Kong</i>	<i>Indonesia</i>	<i>Japan</i>	<i>Korea, Republic of</i>	<i>Singapore</i>	<i>Taiwan</i>	<i>Canada</i>	<i>United States of America</i>	<i>Germany</i>	<i>United Kingdom</i>
<b>2010–11</b>	98.3	98.1	96.3	95.7	99.9	97.1	96.2	98.4	97.4	96.8	98.1	95.0
<b>2011–12</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0
<b>2012–13</b>	101.4	100.2	103.0	105.5	99.6	100.8	102.7	102.0	100.9	101.5	101.9	103.3
<b>2013–14</b>	103.8	101.1	106.5	nya	101.8	101.8	104.4	102.7	102.1	102.6	103.5	106.3
<b>2010</b>												
September	97.0	95.6	94.2	94.0	99.6	95.5	94.8	97.6	95.9	95.1	97.4	92.5
December	97.5	97.9	95.3	95.7	100.1	96.3	95.5	98.7	96.6	95.5	97.7	93.8
<b>2011</b>												
March	98.9	98.9	97.2	96.3	99.6	98.0	97.0	98.3	97.6	97.1	98.4	95.9
June	99.9	99.8	98.4	96.6	100.2	98.6	97.5	99.1	99.3	99.4	99.0	97.9
September	100.1	100.1	98.4	98.7	99.9	100.0	98.7	99.1	99.4	99.7	99.5	98.5
December	99.9	99.6	99.5	99.5	99.7	99.6	99.5	100.3	99.5	99.3	99.6	99.7
<b>2012</b>												
March	99.7	100.1	100.6	100.4	100.0	100.2	100.4	99.7	100.1	100.2	100.2	100.3
June	100.3	100.2	101.4	101.3	100.2	100.2	101.3	100.9	101.0	101.1	100.8	101.4
September	101.2	100.3	101.6	103.3	99.5	100.4	102.0	102.4	100.6	101.2	101.2	101.6
December	101.4	99.9	102.4	104.1	99.5	100.7	102.7	102.2	100.5	101.0	101.6	103.1
<b>2013</b>												
March	101.4	100.3	103.6	106.8	99.4	101.3	103.9	101.7	101.0	101.6	102.1	103.8
June	101.7	100.1	104.4	107.6	100.0	100.9	102.3	101.7	101.5	102.2	102.5	104.8
September	102.7	101.1	105.1	112.9	100.6	101.3	103.4	102.3	101.6	102.4	103.3	105.2
December	103.6	100.9	106.0	113.5	101.2	101.3	104.5	102.7	101.3	101.8	103.4	106.0
<b>2014</b>												
March	104.2	101.1	107.1	nya	101.2	102.2	104.6	102.4	102.0	102.4	103.5	106.6
June	104.7	101.2	107.6	nya	104.2	102.5	105.1	103.4	103.4	103.9	103.6	107.4
September	105.1	nya	nya	nya	nya	102.7	nya	103.8	nya	nya	nya	107.4

nya not yet available

(a) Unless otherwise specified, reference period of each index: 2011–12 = 100.0

<i>Period</i>	<i>Australia</i>	<i>New Zealand</i>	<i>Hong Kong</i>	<i>Indonesia</i>	<i>Japan</i>	<i>Korea, Republic of</i>	<i>Singapore</i>	<i>Taiwan</i>	<i>Canada</i>	<i>United States of America</i>	<i>Germany</i>	<i>United Kingdom</i>
PERCENTAGE CHANGE (from previous year)												
<b>2010–11</b>	2.5	4.0	3.9	6.8	0.0	3.9	4.0	1.1	2.6	2.8	1.4	5.6
<b>2011–12</b>	1.7	1.9	3.8	4.5	0.1	3.0	4.0	1.6	2.7	3.4	1.9	5.3
<b>2012–13</b>	1.4	0.2	3.0	5.5	-0.4	0.8	2.7	2.0	0.9	1.4	1.9	3.3
<b>2013–14</b>	2.4	0.9	3.4	nya	2.2	1.0	1.7	0.7	1.2	1.1	1.6	2.9

## PERCENTAGE CHANGE (from corresponding quarter of previous year)

<b>2010</b>												
September	2.0	1.5	3.5	6.3	-0.9	3.0	4.1	0.4	1.6	1.9	1.0	5.0
December	2.1	4.0	3.3	7.8	0.2	3.8	3.7	1.1	2.2	1.8	1.1	5.2
<b>2011</b>												
March	2.9	4.8	4.0	7.2	0.1	4.6	4.6	-0.4	2.7	2.9	1.8	6.1
June	3.3	5.6	4.8	5.8	0.4	4.2	3.8	0.8	4.0	4.5	2.0	6.1
September	3.2	4.7	4.5	5.0	0.3	4.7	4.1	0.0	3.6	4.8	2.2	6.5
December	2.5	1.7	4.4	4.0	-0.4	3.4	4.2	1.2	3.0	4.0	1.9	6.3
<b>2012</b>												
March	0.8	1.2	3.5	4.3	0.4	2.2	3.5	-0.6	2.6	3.2	1.8	4.6
June	0.4	0.4	3.0	4.9	0.0	1.6	3.9	1.2	1.7	1.7	1.8	3.6
September	1.1	0.2	3.3	4.7	-0.4	0.4	3.3	3.3	1.2	1.5	1.7	3.1
December	1.5	0.3	2.9	4.6	-0.2	1.1	3.2	1.9	1.0	1.7	2.0	3.4
<b>2013</b>												
March	1.7	0.2	3.0	6.4	-0.6	1.1	3.5	2.0	0.9	1.4	1.9	3.5
June	1.4	-0.1	3.0	6.2	-0.2	0.7	1.0	0.8	0.5	1.1	1.7	3.4
September	1.5	0.8	3.4	9.3	1.1	0.9	1.4	-0.1	1.0	1.2	2.1	3.5
December	2.2	1.0	3.5	9.0	1.7	0.6	1.8	0.5	0.8	0.8	1.8	2.8
<b>2014</b>												
March	2.8	0.8	3.4	nya	1.8	0.9	0.7	0.7	1.0	0.8	1.4	2.7
June	2.9	1.1	3.1	nya	4.2	1.6	2.7	1.7	1.9	1.7	1.1	2.5
September	2.3	nya	nya	nya	nya	1.4	nya	1.5	nya	nya	nya	2.1

## PERCENTAGE CHANGE (from previous quarter)

<b>2010</b>												
September	0.3	1.2	0.3	3.0	-0.2	1.0	1.0	0.2	0.4	0.0	0.3	0.2
December	0.5	2.4	1.2	1.8	0.5	0.8	0.7	1.2	0.7	0.4	0.3	1.4
<b>2011</b>												
March	1.4	1.0	2.0	0.6	-0.5	1.8	1.6	1.4	1.0	1.7	0.7	2.2
June	1.0	0.9	1.2	0.3	0.6	0.6	0.5	2.0	1.7	2.4	0.6	2.1
September	0.2	0.3	0.0	2.2	-0.3	1.4	1.2	1.5	0.1	0.3	0.5	0.6
December	-0.2	-0.5	1.1	0.8	-0.2	-0.4	0.8	1.6	0.1	-0.4	0.1	1.2
<b>2012</b>												
March	-0.2	0.5	1.1	0.9	0.3	0.6	0.9	1.4	0.6	0.9	0.6	0.6
June	0.6	0.1	0.8	0.9	0.2	0.0	0.9	1.8	0.9	0.9	0.6	1.1
September	0.9	0.1	0.2	2.0	-0.7	0.2	0.7	1.5	-0.4	0.1	0.4	0.2
December	0.2	-0.4	0.8	0.8	0.0	0.3	0.7	-0.2	-0.1	-0.2	0.4	1.5
<b>2013</b>												
March	0.0	0.4	1.2	2.6	-0.1	0.6	1.2	-0.5	0.5	0.6	0.5	0.7
June	0.3	-0.2	0.8	0.7	0.6	-0.4	-1.5	0.0	0.5	0.6	0.4	1.0
September	1.0	1.0	0.7	4.9	0.6	0.4	1.1	0.6	0.1	0.2	0.8	0.4
December	0.9	-0.2	0.9	0.5	0.6	0.0	1.1	0.4	-0.3	-0.6	0.1	0.8
<b>2014</b>												
March	0.6	0.2	1.0	nya	0.0	0.9	0.1	-0.3	0.7	0.6	0.1	0.6
June	0.5	0.1	0.5	nya	3.0	0.3	0.5	1.0	1.4	1.5	0.1	0.8
September	0.4	nya	nya	nya	nya	0.2	nya	0.4	nya	nya	nya	0.0

nya not yet available

## EXPLANATORY NOTES

### BRIEF DESCRIPTION OF THE CPI

**1** The Consumer Price Index (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 (i.e. metropolitan households). This 'basket' covers a wide range of goods and services, arranged in the following eleven groups:

- Food and non-alcoholic beverages
- Alcohol and tobacco
- Clothing and footwear
- Housing
- Furnishings, household equipment and services
- Health
- Transport
- Communication
- Recreation and culture
- Education
- Insurance and financial services.

**2** Capital city indexes used by the CPI are based on the 2006 Australian Standard Geographical Classification (ASGC) statistical divisions. 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 *Consumer Price Index: Concepts, Sources and Methods, 2011* (cat. no. 6461.0). An updated version reflecting the changes made during the 16th series review was released on 19 December 2011.

### PRICES

**4** The frequency of price collection by item varies as necessary to obtain reliable price measures. Prices of some items are volatile (i.e. their prices may vary many times each quarter) and for these items frequent price observations are necessary to obtain a reliable measure of the average price for the quarter. Each month prices are collected at regular intervals for goods such as milk, bread, fresh meat and seafood, fresh fruit and vegetables, alcohol, tobacco, women's outerwear, project homes, motor vehicles, petrol and holiday travel and accommodation. For most other items, price volatility is not a problem and prices are collected once a quarter. There are a few items where prices are changed at infrequent intervals, for example education fees where prices are set once a year. In these cases, the frequency of price collection is modified accordingly.

**5** In order to facilitate a more even spread of field collection workload, the number of items for which prices are collected quarterly is distributed roughly equally across each month of each quarter. In all cases, however, individual items are priced in the same month of each quarter. For example, items for which prices are collected in the first month of the September quarter, July, are also priced in the first month of subsequent quarters, namely October, January and April.

### WEIGHTING PATTERN

**6** There are 87 expenditure classes (that is, groupings of like items) in the 16th 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 six yearly intervals to take account of changes in household spending patterns. The CPI now comprises sixteen series of price indexes which have been linked to form a continuous series. The current and historical weighting patterns for the CPI for the weighted average of the eight capital cities are published in *Consumer Price Index: Historical Weighting Patterns (1948 to 2011)* (cat. no. 6431.0). The 16th series weighting pattern for the weighted average of eight capital cities and for each of the eight capital cities, as well as each city's percentage contribution to the weighted average, are also published in the

## EXPLANATORY NOTES *continued*

### WEIGHTING PATTERN *continued*

*Consumer Price Index: 16th Series Weighting Pattern* (cat. no. 6471.0). Both publications are available on the ABS website <<http://www.abs.gov.au>>.

### 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 changes in index points and percentage changes between any two periods:

All groups CPI: Weighted average of eight capital cities. Index numbers:

June Quarter 2012	100.4 (see Table 1)
less June Quarter 2011	99.2 (see Table 1)
Change in index points	1.2
Percentage change	$1.2/99.2 \times 100 = 1.2\%$ (see Table 2)

**9** Percentage changes are calculated to illustrate three 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
- 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 groups, sub-groups and expenditure classes. It also shows the contribution which each makes to the total CPI. For instance, the dairy and related products sub-group contributed 1.13 index points to the total All groups index number of 100.4 for the June Quarter 2012. The final column shows contributions to the change in All Groups index points by each group, sub-group and expenditure class.

### ANALYTICAL SERIES

**11** Various series are presented in Table 8 in this publication to assist users analyse the CPI. Some of the analytical series are compiled by taking subsets of the CPI basket, and most are self explanatory, such as 'All groups CPI excluding Food and non-alcoholic beverages'. (A complete list of CPI groups, sub-groups and expenditure classes is contained in Tables 6 and 7). Other series and their composition are described below:

- *All groups CPI, seasonally adjusted*: Comprises all components included in the All groups CPI, seasonally adjusted where seasonality has been identified at the weighted average of eight capital cities level. Seasonal adjustment factors are calculated using the history of price changes up to the current quarter CPI and are revised each quarter.
- *Underlying trend series, 'Trimmed mean' and 'Weighted median'*: These are two analytical measures of trend inflation calculated from the June quarter 2002 using standard ABS seasonal adjustment techniques. For more information see the *Information Paper: Seasonal Adjustment of Consumer Price Indexes, 2011* (cat. no. 6401.0.55.003). The Trimmed mean and Weighted median are calculated using the distribution of expenditure classes each quarter derived as follows:
  - Where CPI expenditure classes are identified as having a seasonal pattern, quarterly price changes are estimated on a seasonally adjusted basis. In the 16th series, 62 out of the 87 expenditure classes are classified as seasonal. A description of which series are seasonal is published in Appendix 1 of the September quarter 2011 issue of *Consumer Price Index, Australia* (cat. no 6401.0).
  - The CPI expenditure classes are ranked from lowest to highest according to the seasonally adjusted percentage change from the previous quarter.
  - The seasonally adjusted relative weight of each expenditure class is calculated based on its previous quarter contribution to the All groups CPI.

## EXPLANATORY NOTES *continued*

### ANALYTICAL SERIES *continued*

- The 'Trimmed mean' is calculated by using a weighted average of percentage change from the previous quarter (seasonally adjusted) from the middle 70 per cent of the distribution.
- The 'Weighted median' is calculated using the percentage change from the previous quarter (seasonally adjusted) expenditure class at the 50th percentile of the distribution.
- *International trade exposure series, Tradables component*: Comprises all items whose prices are largely determined on the world market. For more information, see paragraph 12 below.
- *International trade exposure series, Non-tradables component*: Comprises all items not included in the Tradables component.
- *All groups CPI, goods component*: Comprises the Food and non-alcoholic beverages group (except Restaurant meals); Alcohol and tobacco group; Clothing and footwear group (except Cleaning, repair and hire of clothing and footwear); Furnishings, household equipment and services group (except Domestic and household services sub-group); Utilities, Audio, visual and computing equipment and services, and Newspapers, books and stationery sub-groups; and New dwelling purchase by owner-occupiers, Pharmaceutical products, Motor vehicles, Automotive fuel, Spare parts and accessories for motor vehicles, Equipment for sports, camping and open-air recreation, Games, toys and hobbies and Pets and related products expenditure classes.
- *All groups CPI, services component*: Comprises all items not included in the 'All groups CPI, goods component'. A description of which series are goods or services is published in Appendix 1 of the September quarter 2011 issue of *Consumer Price Index, Australia* (cat. no 6401.0).
- *All groups CPI including Deposit and loan facilities (indirect charges)*: One of the outcomes of the 16th series CPI Review was to remove the indirectly measured component of the Deposit and loan facilities index from the headline CPI but to include it in a new analytical series. This index includes the 16th series All groups CPI plus the indirectly measured component of the Deposit and loan facilities index.
- *Market goods and services excluding 'volatile items'*: in addition to the items excluded from the series 'All groups CPI excluding 'volatile items'', also excludes: Utilities, Property rates and charges, Child care, Health, Other services in respect of motor vehicles, Urban transport fares, Postal services, and Education.
- *All groups CPI excluding Insurance and financial services*: Reflecting the changing composition of the CPI, from the September quarter 1989 to the June quarter 1998, comprises the All groups CPI excluding house insurance, house contents insurance, vehicle insurance and mortgage interest charges and consumer credit charges; from the September quarter 1998 to the June quarter 2000 comprises the All groups CPI excluding house insurance, house contents insurance and vehicle insurance; from the September quarter 2000 to the June quarter 2005 comprises the All groups CPI excluding insurance services; from the September quarter 2005 to the June quarter 2011 comprises the All groups CPI excluding Financial and insurance services; from the September quarter 2011 comprises the All groups CPI excluding Insurance and financial services.

## EXPLANATORY NOTES *continued*

### ANALYTICAL SERIES *continued*

- *All groups CPI excluding Housing and Insurance and financial services*: Reflecting the changing composition of the CPI, from the September quarter 1989 to the June quarter 1998, comprises the All groups CPI excluding Housing, house contents insurance, vehicle insurance and consumer credit charges; from the September quarter 1998 to the June quarter 2000 comprises the All groups CPI excluding Housing, house insurance, house contents insurance and vehicle insurance; from the September quarter 2000 to the June quarter 2005 comprises the All groups CPI excluding Housing and insurance services; from the September quarter 2005 to the June quarter 2011 comprises the All groups CPI excluding Housing and Financial and insurance services; from the September quarter 2011 comprises the All groups CPI excluding Housing and Insurance and financial services.
- *All groups CPI excluding food and energy*: Comprises the All groups CPI excluding the Food and non-alcoholic beverages group (except Restaurant meals); Electricity, Gas and other household fuels; and Automotive fuel.
- *All groups CPI excluding 'volatile items'*: Comprises the All groups CPI excluding Fruit and vegetables and Automotive fuel.

**12** The International trade exposure series was reviewed and updated for the 16th series. There were five changes of classification. 'Cakes and biscuits' and 'Jams, honey and spreads' were reclassified from non-tradable to tradable. 'Waters, soft drinks and juices', 'Newspapers, magazines and stationery' and 'Pets and related products' were reclassified from tradable to non-tradable. A description of which series are tradable or non-tradable is published in Appendix 1 of the September quarter 2011 issue of *Consumer Price Index, Australia* (cat. no 6401.0). These changes are included from the September quarter 2011. The historical tradable and non-tradable series will not be revised.

### ROUNDING

**13** The published index numbers have been rounded to one decimal place, and the percentage changes (also rounded to one decimal place) are calculated from the rounded index numbers. In some cases, this can result in the percentage change for the total level of a group of indexes being outside the range of the percentage changes for the component level indexes. Seasonally adjusted estimates are calculated from rounded index numbers. The underlying trend estimates, Trimmed mean and Weighted median, are calculated from unrounded component series. The percentage changes for the seasonal and underlying series (rounded to one decimal place) are calculated from the rounded index numbers.

### SEASONALLY ADJUSTED INDEXES

**14** Seasonally adjusted estimates are derived by estimating and removing systematic calendar related effects from the original series. In most economic data these calendar related effects are a combination of the classical seasonal influences (e.g. the effect of the weather, social traditions or administrative practices such as government charges increasing on 1 July each year) plus other kinds of calendar related variations, such as Easter or the proximity of significant days in the year (e.g. Christmas). In the seasonal adjustment process, both seasonal and other calendar related factors evolve over time to reflect changes in activity patterns. The seasonally adjusted estimates reflect the sampling and non-sampling errors to which the original estimates are subject.

**15** The CPI uses a concurrent seasonal adjustment methodology to derive the adjustment factors. This method uses the original time series available at each reference period to estimate seasonal factors for the current and previous quarters. Concurrent seasonal adjustment is technically superior to the more traditional method of reanalysing seasonal patterns once each year because it uses all available data to fine tune the estimates of the seasonal component each quarter. With concurrent analysis, the seasonally adjusted series are subject to revision each quarter as the estimates of the seasonal factors are improved. In most instances, the only significant revisions will be to the combined adjustment factors for the previous quarter and for the same quarter in

## EXPLANATORY NOTES *continued*

### SEASONALLY ADJUSTED INDEXES *continued*

the preceding year as the reference quarter (i.e. if the latest quarter is September quarter 2011 then the most significant revisions will be to June quarter 2011 and September quarter 2010). The seasonal patterns are also reanalysed on an annual basis or when there are known changes to regular events. This can lead to additional revisions.

**16** Autoregressive integrated moving average (ARIMA) modelling can improve the revision properties of the seasonally adjusted and trend estimates. ARIMA modelling relies on the characteristics of the series being analysed to project future period data. The projected values are temporary, intermediate values, that are only used internally to improve the estimation of the seasonal factors. The projected data do not affect the original estimates and are discarded at the end of the seasonal adjustment process. From the December quarter 2012, the Consumer Price Index uses ARIMA modelling where appropriate for individual time series. The ARIMA model is assessed as part of the annual reanalysis. For more information on ARIMA modelling see Feature article: Use of ARIMA modelling to reduce revisions in the October 2004 issue of *Australian Economic Indicators* (cat. no. 1350.0).

**17** The ABS applies seasonal adjustment to the expenditure class components of the CPI which are found to be seasonal, and then aggregates the seasonally adjusted and non-seasonally adjusted components to calculate the All groups CPI, seasonally adjusted, Trimmed mean and Weighted median estimates. The seasonally adjusted expenditure class components are available in Table 15 – CPI expenditure class, seasonally adjusted index numbers, weighted average of eight capital cities. The seasonal factors used to derive these seasonally adjusted indexes are available in Table 16 – CPI expenditure class, combined seasonal adjustment factors, weighted average of eight capital cities. For more information about seasonal adjustment of the CPI please refer to *Information Paper: Seasonal Adjustment of Consumer Price Indexes, 2011* (cat. no. 6401.0.55.003).

### INTERNATIONAL COMPARISONS

**18** In analysing price movements in Australia, an important consideration is Australia's performance relative to other countries. However, a simple comparison of All groups (or headline) CPIs is often inappropriate because of the different measurement approaches used by countries for certain products, particularly housing and financial and insurance services. To provide a better basis for international comparisons, the 17th International Conference of Labour Statisticians adopted a resolution which called for countries to 'if possible, compile and provide for dissemination to the international community an index that excludes housing and financial services' in addition to the all-items index.

**19** Table 9 presents indexes for selected countries on a basis consistent with the above resolution and comparable to the Australian series 'All groups excluding Housing and Insurance and financial services' (see paragraph 11). However, other than Australia and New Zealand, the countries represented in this table are yet to develop indexes on this basis, so the indexes presented here are consistent with the series previously published for All groups excluding Housing. To facilitate comparisons, all indexes in this table have been converted, where necessary, to a quarterly basis and re-referenced to an index reference period of 2011–12 = 100.0. Index numbers and percentage changes are always published to one decimal place, and the percentage changes are calculated from the rounded index numbers. Index numbers for periods longer than a single quarter (e.g. for financial years) are calculated as the simple arithmetic average of the rounded quarterly index numbers.

**20** In producing Table 9, the ABS is grateful for the assistance of the relevant national statistical agencies which have either directly supplied indexes for all items excluding housing and insurance and financial services or data to enable their derivation.

## EXPLANATORY NOTES *continued*

### REVISIONS

**21** CPI original indexes are revised only in exceptional circumstances, such as to correct a significant error. As is the case with all price indexes, the index reference period (i.e. the period in which the index is set equal to 100.0) will be changed periodically. The index number levels for all periods will be changed by this process and it may also result in differences, due to rounding, between the percentage changes published on the old base and those on the new base. Seasonally adjusted indexes (including the Trimmed mean and Weighted median) for some quarters will be revised as extra quarters are included in the series analysed for seasonal influences (see paragraphs 14 to 17).

### RELATED PUBLICATIONS

**22** Current publications and other products released by the ABS are listed on the ABS website <<http://www.abs.gov.au>>. The ABS also issues a daily *Release Advice* on the website which details products to be released in the week ahead.

**23** Users may also wish to refer to the following publications and other data products that are available free of charge from the ABS website:

- *A Guide to the Consumer Price Index, 16th Series* (cat. no. 6440.0)
- *Consumer Price Index: Concepts, Sources and Methods, 2011* (cat. no. 6461.0)
- *Information Paper: Introduction of the 16th Series Australian Consumer Price Index, 2011* (cat. no. 6470.0)
- *Information Paper: Outcome of the 16th Series Australian Consumer Price Index Review, Australia* (cat. no. 6469.0)
- *Consumer Price Index Commodity Classification, Australia, 16th Series, 2011* (cat. no. 6401.0.55.004)
- *Consumer Price Index: 16th Series Weighting Pattern* (cat. no. 6471.0)
- *Consumer Price Index: Historical Weighting Patterns (1948–2011)* (cat. no. 6431.0)
- *Analytical Living Cost Indexes and Pensioner and Beneficiary Living Cost Index: 16th Series Weighting Patterns* (cat. no. 6472.0)
- *Consumer Price Index: Concordance with Household Expenditure Classification, Australia* (cat. no. 6446.0.55.001)
- *Information Paper: Seasonal Adjustment of Consumer Price Indexes, 2011* (cat. no. 6401.0.55.003)
- *Information Paper: Experimental Price Indexes for Financial Services* (cat. no. 6413.0)
- *Information Paper: The Introduction of Hedonic Price Indexes for Personal Computers* (cat. no. 6458.0)
- *Analytical Living Cost Indexes for Selected Australian Household Types* (cat. no. 6463.0)
- *Selected Living Cost Indexes, Australia* (cat. no. 6467.0)
- *Residential Property Price Indexes: Eight Capital Cities* (cat. no. 6416.0)
- *Producer Price Indexes, Australia* (cat. no. 6427.0)
- *International Trade Price Indexes, Australia* (cat. no. 6457.0)
- *Wage Price Index, Australia* (cat. no. 6345.0)

### DATA AVAILABLE

**24** As well as the statistics included in this publication, there is more detailed data for each capital city available on the ABS website. Inquiries should be made to the National Information and Referral Service on 1300 135 070.

## APPENDIX SEASONAL ADJUSTMENT OF THE CPI

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### SEASONALITY OF CPI EXPENDITURE CLASSES

1 The Annual Seasonal Re-analysis (ASR) reviews the seasonal adjustment of the CPI series in more detail than is possible in the quarterly processing cycle.

2 Following the 2014 ASR, 61 of the 87 expenditure classes are considered seasonal and will be seasonally adjusted for the Analytical series; 'All Groups CPI, seasonally adjusted' and 'Underlying trend series - Trimmed mean and Weighted median'. Seasonally adjusted index numbers can be found in 'TABLE 15. CPI: Expenditure Class Index Numbers, Seasonally adjusted, Weighted Average of Eight Capital Cities' and combined seasonal adjustment factors can be found in 'TABLE 16. CPI: Expenditure Class, Combined seasonal adjustment factors, Weighted Average of Eight Capital Cities'. These tables can be downloaded from the 'Downloads' tab of this issue on the ABS website <<http://www.abs.gov.au>>.

3 As a result of the 2014 ASR, the following series has ceased being seasonally adjusted, with no clear seasonal pattern in recent years:

- Take away and fast foods from September quarter 2010.

4 The following series have had adjustments introduced due to changes in seasonal pattern:

- Audio, visual and computing equipment from June quarter 2010;
- Major household appliances from September quarter 2000;
- Motor vehicles from March quarter 2007;
- Spare parts and accessories for motor vehicles from March quarter 2010; and
- Wine from March quarter 2009.

5 Changes to the seasonally adjusted series do not affect the original CPI index series.

6 For more details on the seasonal adjustment of the CPI please refer to the Explanatory notes of this issue or the *Information Paper: Seasonal Adjustment of Consumer Price Indexes, 2011* (cat. no. 6401.0.55.003).

## APPENDIX SEASONAL ADJUSTMENT OF THE CPI *continued*

TABLE 1 – SEASONAL ADJUSTMENT OF CPI EXPENDITURE CLASSES

<i>CPI expenditure classes</i>	<i>Seasonally adjusted prior to 2014 ASR</i>	<i>Seasonally adjusted following 2014 ASR</i>
Bread	n	n
Cakes and biscuits	y	y
Breakfast cereals	y	y
Other cereal products	y	y
Beef and veal	y	y
Pork	y	y
Lamb and goat	y	y
Poultry	n	n
Other meats	y	y
Fish and other seafood	y	y
Milk	n	n
Cheese	n	n
Ice cream and other dairy products	y	y
Fruit	y	y
Vegetables	y	y
Eggs	n	n
Jams, honey and spreads	n	n
Food additives and condiments	y	y
Oils and fats(a)	n	n
Snacks and confectionery	y	y
Other food products n.e.c.	y	y
Coffee, tea and cocoa	n	n
Waters, soft drinks and juices	y	y
Restaurant meals	n	n
Take away and fast foods	y	n
Spirits	n	n
Wine(a)	n	y
Beer	n	n
Tobacco(a)	y	y
Garments for men	y	y
Garments for women	y	y
Garments for infants and children	y	y
Footwear for men	n	n
Footwear for women	y	y
Footwear for infants and children	y	y
Accessories	y	y
Cleaning, repair and hire of clothing and footwear	n	n
Rents	y	y
New dwelling purchase by owner-occupiers	n	n
Maintenance and repair of the dwelling	y	y
Property rates and charges	y	y
Water and sewerage	y	y
Electricity	y	y
Gas and other household fuels	y	y
Furniture	y	y
Carpets and other floor coverings(a)	y	y
Household textiles	y	y
Major household appliances(a)	n	y
Small electric household appliances	y	y
Glassware, tableware and household utensils	y	y
Tools and equipment for house and garden	y	y
Cleaning and maintenance products	n	n
Personal care products(a)	y	y
Other non-durable household products	y	y
Child care	y	y
Hairdressing and personal grooming services	n	n
Other household services	n	n
Pharmaceutical products	y	y
Therapeutic appliances and equipment(a)	n	n
Medical and hospital services	y	y
Dental services	y	y
Motor vehicles	n	y
Spare parts and accessories for motor vehicles	n	y
Automotive fuel(a)	y	y
Maintenance and repair of motor vehicles	n	n

## APPENDIX SEASONAL ADJUSTMENT OF THE CPI *continued*

TABLE 1 – SEASONAL ADJUSTMENT OF CPI EXPENDITURE CLASSES *continued*

<i>CPI expenditure classes</i>	<i>Seasonally adjusted prior to 2014 ASR</i>	<i>Seasonally adjusted following 2014 ASR</i>
Other services in respect of motor vehicles	y	y
Urban transport fares	y	y
Postal services	n	n
Telecommunication equipment and services	n	n
Audio, visual and computing equipment	n	y
Audio, visual and computing media and services	n	n
Books	y	y
Newspapers, magazines and stationery	y	y
Domestic holiday travel and accommodation	y	y
International holiday travel and accommodation	y	y
Equipment for sports, camping and open-air recreation	n	n
Games, toys and hobbies	y	y
Pets and related products	y	y
Veterinary and other services for pets	y	y
Sports participation	y	y
Other recreational, sporting and cultural services	y	y
Preschool and primary education	y	y
Secondary education	y	y
Tertiary education	y	y
Insurance(a)	y	y
Deposit and loan facilities (direct charges)	n	n
Other financial services	n	n

(a) In using this seasonally adjusted series, care should be exercised because of the difficulties associated with reliably estimating the seasonal pattern.



## FOR MORE INFORMATION . . .

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*PHONE*                      1300 135 070

*EMAIL*                      [client.services@abs.gov.au](mailto:client.services@abs.gov.au)

*FAX*                              1300 135 211

*POST*                              Client Services, ABS, GPO Box 796, Sydney NSW 2001

## FREE ACCESS TO STATISTICS

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