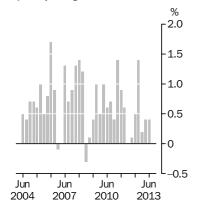


CONSUMER PRICE INDEX

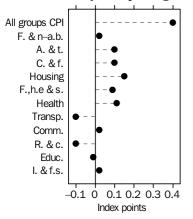
AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) THURS 1 AUG 2013

All Groups CPI Quarterly change



Contribution to quarterly change



INQUIRIES

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

FIGURES KEY

WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES	Mar Qtr 2013 to Jun Qtr 2013 % change	Jun Qtr 2013
All groups CPI	0.4	2.4
Food and non-alcoholic beverages	0.1	1.1
Alcohol and tobacco	1.3	4.0
Clothing and footwear	2.7	-0.3
Housing	0.6	5.3
Furnishings, household equipment and services	1.0	0.1
Health	1.9	6.6
Transport	-0.9	-0.5
Communication	0.4	2.2
Recreation and culture	-0.8	-0.1
Education	-0.1	5.7
Insurance and financial services	0.3	2.7
CPI analytical series		
All groups CPI, seasonally adjusted	0.5	2.3
Trimmed mean	0.5	2.2
Weighted median	r0.6	2.6

revised

POINTS KEY

THE ALL GROUPS CPI

- rose 0.4% in the June quarter 2013, compared with a rise of 0.4% in the March quarter
- rose 2.4% through the year to the June quarter 2013, compared with a rise of 2.5% through the year to the March quarter 2013.

OVERVIEW OF CPI MOVEMENTS

- The most significant price rises this quarter were for medical and hospital services (+3.4%), tobacco (+3.0%), new dwelling purchase by owner-occupiers (+0.9%), furniture (+4.8%) and rents (+1.1%).
- The most significant offsetting price falls this quarter were for domestic holiday travel and accommodation (-4.0%) and automotive fuel (-3.1%).

NOTES

FORTHCOMING ISSUES ISSUE (Quarter) RELEASE DATE

 September 2013
 23 October 2013

 December 2013
 22 January 2014

 March 2014
 23 April 2014

 June 2014
 23 July 2014

REVISIONS IN THIS ISSUE

This release incorporates amendments to the following seasonally adjusted analytical series:

- All groups CPI, seasonally adjusted,
- Trimmed mean, and
- Weighted median.

Changes have been made to the Key figures table (page 1), the Main contributors to change commentary (page 6), and 'TABLE 8. CPI: Analytical Series, Weighted Average of Eight Capital Cities'.

These amendments are the result of correcting an error where the household textiles expenditure class had been incorrectly classified as non–seasonal in the calculation of these series.

ROUNDING

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

ABBREVIATIONS

ABS Australian Bureau of Statistics

CPI Consumer Price Index

n.e.c. not elsewhere classified

Brian Pink

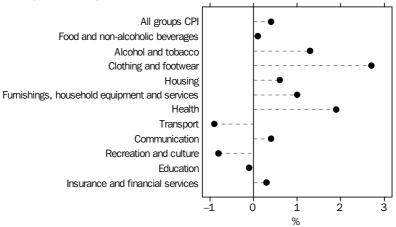
Australian Statistician

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).

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



HOUSING GROUP (+0.6%)

The housing group rose in the June quarter 2013. The main contributors to the rise were new dwelling purchase by owner–occupiers (+0.9%) and rents (+1.1%). The rise was partially offset by a fall in electricity (-0.7%) due to the seasonal switch to off–peak pricing in Adelaide.

Over the twelve months to the June quarter 2013, the housing group rose 5.3%. The main contributors to the rise were electricity (+17.2%), new dwelling purchase by owner–occupiers (+3.6%) and rents (+3.4%).

HEALTH GROUP (+1.9%)

The health group rose in the June quarter 2013. The main contributor to the rise was medical and hospital services (+3.4%), which rose mainly as a result of the increases in private health fund premiums effective from 1 April 2013. The rise was partially offset by a fall in pharmaceutical products (-1.7%) due to a greater proportion of consumers exceeding the Pharmaceutical Benefit Scheme (PBS) safety net compared to the March quarter 2013.

Over the twelve months to the June quarter 2013, the health group rose 6.6%, mainly due to a rise in medical and hospital services (+9.9%).

CLOTHING AND FOOTWEAR GROUP (+2.7%)

The clothing and footwear group rose in the June quarter 2013. The main contributors to the rise were garments for men (+7.1%) and garments for infants and children (+6.0%).

Over the twelve months to the June quarter 2013, the clothing and footwear group fell 0.3%. The main contributor to the fall was garments for women (-3.1%). This fall was partially offset by a rise in garments for men (+5.2%).

ALCOHOL AND TOBACCO GROUP (+1.3%)

The alcohol and tobacco group rose in the June quarter 2013. The main contributor to the rise was tobacco (+3.0%), partially due to the flow-on effects of the federal excise tax increase from 1 February 2013.

ALCOHOL AND TOBACCO GROUP (+1.3%) continued

Over the twelve months to the June quarter 2013, the alcohol and tobacco group rose 4.0%. The main contributor to the rise was tobacco (+9.0%).

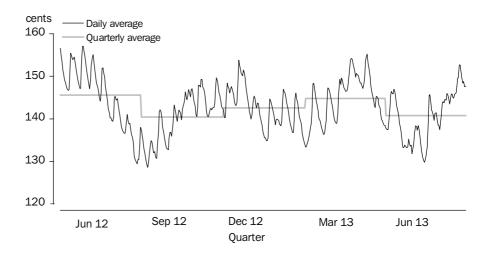
TRANSPORT GROUP (-0.9%)

The transport group fell in the June quarter 2013. The main contributor to the fall was automotive fuel (-3.1%).

The average monthly price of automotive fuel rose in February (+4.2%), fell in March (-0.9%), April (-4.7%) and May (-1.1%), and rose in June (+5.0%).

The following graph illustrates the movement of the average daily prices for unleaded petrol for the weighted average of eight capital cities over the last fifteen months.

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



Over the twelve months to the June quarter 2013, the transport group fell 0.5%. The main contributors to the fall were motor vehicles (-3.4%) and automotive fuel (-3.3%). The fall was partially offset by a rise in maintenance and repair of motor vehicles (+4.6%).

RECREATION AND
CULTURE GROUP (-0.8%)

The recreation and culture group fell in the June quarter 2013. The main contributors to the fall were domestic holiday travel and accommodation (-4.0%) and audio, visual and computing equipment (-1.9%).

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 (April for travel in June) and domestic airfares are collected one month in advance (April for travel in May).

Over the twelve months to the June quarter 2013, the recreation and culture group fell 0.1%. The main contributor to the fall was audio, visual and computing equipment (-11.8%). The fall was partially offset by rises in other recreational, sporting and cultural services (+4.6%), sports participation (+4.8%) and domestic holiday travel and accommodation (+1.8%).

MAIN CONTRIBUTORS TO CHANGE continued

FURNISHINGS,
HOUSEHOLD EQUIPMENT
AND SERVICES GROUP
(+1.0%)

The furnishings, household equipment and services group rose in the June quarter 2013. The main contributor to the rise was furniture (+4.8%).

Over the twelve months to the June quarter 2013, the furnishings, household equipment and services group rose 0.1%. The main contributor to the rise was child care (+7.4%), partially offset by a fall in furniture (-2.1%).

COMMUNICATION GROUP (+0.4%)

The communication group rose in the June quarter 2013, mainly due to a rise in telecommunication equipment and services (+0.4%).

Over the twelve months to the June quarter 2013, the communication group rose 2.2%. The main contributor to the rise was telecommunication equipment and services (+2.2%).

INSURANCE AND
FINANCIAL SERVICES
GROUP (+0.3%)

The insurance and financial services group rose in the June quarter 2013. The main contributor to the rise was other financial services (+0.5%).

Over the twelve months to the June quarter 2013, the insurance and financial services group rose 2.7%. The main contributor to the rise was insurance (+7.5%).

FOOD AND
NON-ALCOHOLIC
BEVERAGES GROUP
(+0.1%)

The food and non–alcoholic beverages group rose in the June quarter 2013. The main contributor to the rise was vegetables (+3.3%), which rose mainly due to unfavourable growing conditions. The rise was partially offset by a fall in fruit (-3.4%).

Over the twelve months to the June quarter 2013, the food and non-alcoholic beverages group rose 1.1%. The main contributor to the rise was take away and fast foods (+2.3%). The rise was partially offset by a fall in lamb and goat (-12.4%).

EDUCATION GROUP (-0.1%)

The education group fell in the June quarter 2013. The main contributor to the fall was preschool and primary education (-0.8%).

Over the twelve months to the June quarter 2013, the education group rose 5.7%.

INTERNATIONAL TRADE EXPOSURE - TRADABLES AND NON-TRADABLES The tradables component (see Table 8) of the All Groups CPI rose 0.3% in the June quarter 2013. 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 the tradable goods component were tobacco, furniture, garments for men and vegetables. The most significant offsetting falls in the tradable goods component were for automotive fuel, fruit and pharmaceutical products. The rise in the tradable services component of 0.5% was driven by international holiday travel and accommodation.

The non-tradables component of the All Groups CPI rose 0.5% in the June quarter 2013. 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 rose 0.5%, mainly due to new dwelling purchase by owner-occupiers and beer. The most significant offsetting fall was for electricity. The non-tradable services component rose 0.4%, mainly due to increases in medical and hospital services, rents and other financial services. The most significant offsetting fall was recorded for domestic holiday travel and accommodation.

MAIN CONTRIBUTORS TO CHANGE continued

INTERNATIONAL TRADE
EXPOSURE - TRADABLES
AND NON-TRADABLES
continued

Over the twelve months to the June quarter 2013, the tradables component fell 0.7% while the non–tradables component rose 4.3%. This compares to a fall of 0.2% and a rise of 4.2% respectively through the year to the March quarter 2013.

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 June quarter 2013, the All groups CPI, seasonally adjusted rose 0.5%, compared to the unadjusted All groups CPI which recorded a rise of 0.4%.

The trimmed mean rose 0.5% in the June quarter 2013, compared to a revised rise of 0.4% in the March quarter 2013. Over the twelve months to the June quarter 2013, the trimmed mean rose 2.2% to a revised rise of 2.3% over the twelve months to the March quarter 2013.

The weighted median rose 0.6% in the June quarter 2013, compared to a rise of 0.5% in the March quarter 2013. Over the twelve months to the June quarter 2013, the weighted median rose 2.6% similar to a rise of 2.6% over the twelve months to the March quarter 2013.

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 method applied, the trimmed mean and weighted median.

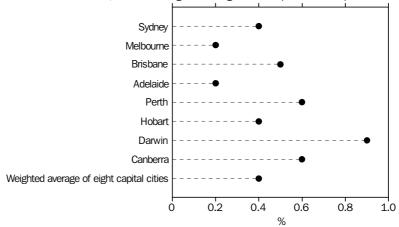
Revisions to the seasonally adjusted estimates can be the result of the application of concurrent seasonal adjustment, described in paragraph 15 of the Explanatory Notes.

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 capital cities during the June quarter 2013.

The housing group was the most significant positive contributor to the All groups quarterly movement, recording rises in seven of the eight capital cities. The largest movement was recorded in Darwin (+1.4%) driven by increases in rents and new dwelling purchase by owner–occupiers. Adelaide (-0.9%) was the only city to record a fall for the housing group, due to the seasonal switch to off–peak pricing for electricity.

The health group was the second most significant positive contributor to the All groups quarterly movement, recording rises in all capital cities. The largest movements were recorded in Adelaide (+2.9%) and Hobart (+2.6%), mainly due to rises in medical and hospital services.

The most significant negative contributor to the quarterly movement was the transport group, recording falls in all capital cities with the exception of Darwin. The largest city movements were recorded in Melbourne (-1.6%), Adelaide (-1.2%) and Brisbane (-1.2%) driven by falls in automotive fuel.

The recreation and culture group was the second most significant negative contributor to the All groups quarterly movement, recording falls in seven cities. Hobart (–2.5%) recorded the largest fall, driven by decreases in domestic holiday travel and accommodation.

Over the twelve months to the June quarter 2013, the All groups CPI rose in all capital cities with the largest positive movement recorded in Darwin (+3.9%). Hobart (+1.8%) recorded the smallest rise over the twelve months to the June quarter 2013.

CAPITAL CITIES COMPARISON continued

ALL GROUPS CPI continued

ALL GROUPS CPI, All groups index numbers and percentage changes

	INDEX			
	NUMBER(a)	PERCENTAGE CH	IANGE	
	Jun Qtr	Mar Qtr 2013 to	Jun Qtr 2012 to	
	2013	Jun Qtr 2013	Jun Qtr 2013	
Sydney	103.1	0.4	2.6	
Melbourne	102.6	0.2	2.2	
Brisbane	102.5	0.5	2.0	
Adelaide	102.3	0.2	2.1	
Perth	103.0	0.6	2.5	
Hobart	101.7	0.4	1.8	
Darwin	104.6	0.9	3.9	
Canberra	102.5	0.6	2.2	
Weighted average of eight capital cities	102.8	0.4	2.4	

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

LIST OF TABLES

	page
CONSUMER PRICE INDEX	
1	All groups CPI, index numbers
2	All groups CPI, percentage changes
3	CPI groups, weighted average of eight capital cities, index numbers 12
4	CPI groups, weighted average of eight capital cities, percentage
	changes
5	CPI groups, index numbers
6	Contribution to change in All groups CPI
7	CPI group, sub-group and expenditure class, weighted average of eight
	capital cities
8	Analytical series, weighted average of eight capital cities
9	International comparisons, All groups CPI excluding Housing and
	Insurance and financial services, index numbers
10	International comparisons, All groups CPI excluding Housing and
	Insurance and financial services, percentage changes
ADDITIONAL CPI TABLES AVAILABLE	E ON ABS WEBSITE
11	CPI group, sub-group and expenditure class, index numbers by
	capital city
12	CPI group, sub–group and expenditure class, percentage change from
	corresponding quarter of previous year by capital city
13	CPI group, sub–group and expenditure class, percentage change from previous quarter by capital city
14	CPI group, sub–group and expenditure class, points contribution by
	capital city
15	CPI expenditure class, seasonally adjusted index numbers, weighted
	average of eight capital cities
16	CPI expenditure class, combined seasonal adjustment factors,
	weighted average of eight capital cities

									Weighted
									average of eight
									capital
Period	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	cities
• • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •			• • • • • • •
2009–10	94.8	94.6	95.0	94.4	95.2	95.0	95.4	95.0	94.8
2010-11	97.6	97.7	98.1	97.5	97.9	97.8	97.9	97.6	97.7
2011-12	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2012-13	102.6	102.2	102.0	102.1	102.2	101.2	103.1	101.9	102.3
2009									
June	92.9	92.9	92.9	92.7	93.3	93.0	93.2	93.5	92.9
September	93.9	93.4	94.2	93.7	94.0	94.1	95.0	94.3	93.8
December	94.4	94.0	94.5	94.1	94.5	94.7	94.9	94.7	94.3
2010									
March	95.2	95.2	95.2	94.6	95.6	95.4	95.4	95.3	95.2
June	95.6	95.8	95.9	95.3	96.5	95.8	96.2	95.6	95.8
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
2011									
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
2012									
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
2013	400.7	100.4	400.0	100.1	100.1	404.0	400.7	101.0	100.1
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

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

Period	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	Weighted average of eight capital cities
	• • • • • •								
	F	PERCENTA	GE CHAN	GE (from	previous	financia	l year)		
2009–10	2.4	2.0	2.7	2.2	2.6	2.6	3.1	2.2	2.4
2010-11	3.0	3.3	3.3	3.3	2.8	2.9	2.6	2.7	3.1
2011–12 2012–13	2.5 2.6	2.4 2.2	1.9 2.0	2.6 2.1	2.1 2.2	2.2 1.2	2.1 3.1	2.5 1.9	2.4 2.3
• • • • • • • • • •	• • • • • •			• • • • • • • •	• • • • • • •	• • • • • • • •			
PI	ERCENT	AGE CHAI	NGE (fron	n corresp	onding q	uarter of	previou	s year)	
2009									
June	1.3	1.2	2.0	1.5	1.4	1.6	2.5	2.1	1.4
September	1.3	0.5	1.9	1.3	1.2	1.7	2.7	1.4	1.2
December 2010	2.2	1.8	2.5	2.1	2.1	2.6	3.0	2.3	2.1
March	2.9	2.8	3.0	2.6	3.4	3.1	3.5	2.6	2.9
June	2.9	3.1	3.2	2.8	3.4	3.0	3.2	2.0	3.1
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
2011									
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
2012	1 7	1.1	1.2	1.0	1.0	0.1	17	1.6	1.6
March June	1.7 1.3	1.4 1.2	1.3 0.9	1.8 1.2	1.9 1.1	2.1 0.8	1.7 1.5	1.6 1.1	1.6 1.2
September	2.3	1.8	1.7	1.7	2.0	0.8	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
2013	2.0					2.0	2.0		
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
• • • • • • • • • •	• • • • •	DEDOE	NTAGE 01					• • • • • • •	• • • • • •
0000		PERCE	NIAGE CI	HANGE (fr	om previ	ous quar	ter)		
2009 June	0.4	0.3	0.5	0.5	0.9	0.5	1.1	0.6	0.4
September	1.1	0.5	1.4	1.1	0.9	1.2	1.1	0.6	1.0
December	0.5	0.6	0.3	0.4	0.5	0.6	-0.1	0.4	0.5
2010	0.0	0.0	0.0		0.0	0.0	0.1	0	0.0
March	0.8	1.3	0.7	0.5	1.2	0.7	0.5	0.6	1.0
June	0.4	0.6	0.7	0.7	0.9	0.4	0.8	0.3	0.6
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
2011									
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 December	0.7 -0.1	0.6 0.1	0.3 -0.2	1.0 0.0	0.2 0.2	0.8 0.1	0.7 -0.4	0.6 0.3	0.6 0.0
2012	-0.1	0.1	-0.2	0.0	0.2	0.1	-0.4	0.3	0.0
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
2013									
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



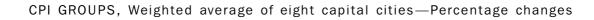
$\hbox{CPI GROUPS, Weighted average of eight capital cities} - \hbox{Index numbers(a)} \\$

	Food and non–alcoholic	Alcohol and	Clothing and		Furnishings, household equipment	
Period	beverages	tobacco	footwear	Housing	and services	Health
• • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • • • • •			• • • • • • • • • • •
2009–10	95.8	88.1	100.6	91.9	99.8	92.1
2010–11	99.3	96.7	98.6	96.4	99.7	96.4
2011–12	100.0	100.0	100.0	100.0	100.0	100.0
2012–13	100.5	103.9	99.5	104.9	100.8	106.9
2009						
June	95.1	85.3	102.3	88.0	99.6	91.0
September	94.3	85.9	102.6	90.6	100.2	90.1
December	95.7	86.4	102.8	91.3	100.2	89.3
2010						
March	96.7	87.5	98.4	92.6	98.9	93.5
June	96.4	92.7	98.4	93.2	99.8	95.6
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
2011						
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
2012						
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
2013						
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

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

Period	Transport	Communication	Recreation and culture	Education	Insurance and financial services	All groups CPI
• • • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • •
2009–10	94.8	99.0	101.6	89.2	93.0	94.8
2010-11	96.9	98.9	100.5	94.4	96.0	97.7
2011–12	100.0	100.0	100.0	100.0	100.0	100.0
2012-13	101.1	101.7	99.1	105.9	102.8	102.3
2009						
June	92.8	99.1	100.7	86.7	90.7	92.9
September	94.6	99.1	101.4	86.8	91.5	93.8
December	93.8	99.1	102.9	86.8	92.2	94.3
2010						
March	95.0	99.0	101.9	91.6	94.1	95.2
June	95.7	98.9	100.1	91.7	94.2	95.8
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
2011						
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
2012						
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
2013						
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

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





	Food and non-alcoholic beverages	Alcohol and tobacco	Clothing and footwear	hous Housing	Furnishings, sehold equipment and services	Health
	_			-		
	PE	RCENTAGE CHA	NGE (from previo			
2009–10	1.6	4.9	-0.3	5.8	2.3	4.8
2010-11	3.7	9.8	-2.0	4.9	-0.1	4.7
2011–12	0.7	3.4	1.4	3.7	0.3	3.7
2012–13	0.5	3.9	-0.5	4.9	0.8	6.9
• • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • •
	PERCENTAC	GE CHANGE (fro	m corresponding	g quarter of pi	revious year)	
2009	4.0	4.0	4.0		0.5	
June	4.9	4.8	1.3	5.1	2.5	5.1
September	2.5	4.0	2.3	5.6	3.9	4.3
December 2010	1.9	3.2	2.1	5.5	3.6	4.7
March	0.7	3.6	-1.8	6.1	1.4	5.1
June	1.4	8.7	-3.8	5.9	0.2	5.1
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
2011		22.0		0	0.2	
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
2012						
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
2013						
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
• • • • • • • • •	• • • • • • • • • • •	PERCENTAGE (CHANGE (from pr	evious quarte	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •
2009				•		
June	-0.9	0.9	2.1	0.8	2.2	2.2
September	-0.8	0.7	0.3	3.0	0.6	-1.0
December	1.5	0.6	0.2	0.8	0.0	-0.9
2010						
March	1.0	1.3	-4.3	1.4	-1.3	4.7
June	-0.3	5.9	0.0	0.6	0.9	2.2
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
2011						
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
2012	0.1	1 /	1 0	0.6	1 1	A E
March June	-2.1 0.6	1.4 1.0	-1.8 1.4	0.6 0.4	-1.1 1.5	4.5 1.5
September	1.9	0.9	0.2	3.2	1.5	2.4
December	-0.1	0.9	0.2	0.2	-0.6	-0.9
2013	-0.1	0.2	0.0	0.2	-0.0	-0.9
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
30	V.2	2.0		0.0	2.0	2.3



	Insurance and					
			Recreation		financial	
	Transport	Communication	and culture	Education	services	All groups CPI
	PER	CENTAGE CHANGI	E (from previou	s financial year	r)	
			, , ,	, , , , , , , , , , , , , , , , , , , ,	,	
2009–10	0.7	0.3	0.4	5.6	-2.1	2.4
2010-11	2.2	-0.1	-1.1	5.8	3.2	3.1
2011–12	3.2	1.1	-0.5	5.9	4.2	2.4
2012-13	1.1	1.7	-0.9	5.9	2.8	2.3
		• • • • • • • • • • • • • •		• • • • • • • • • • • •		
	PERCENTAGE	CHANGE (from	corresponding	quarter of previ	ous year)	
2009						
June	-5.9	1.2	0.7	5.0	-6.5	1.4
September	-5.9 -5.0	1.0	0.1	5.6	-0.3 -7.3	1.2
•						
December	1.2	0.6	1.0	5.6	-6.3	2.1
2010						
March	4.1	0.1	1.2	5.7	2.1	2.9
June	3.1	-0.2	-0.6	5.8	3.9	3.1
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
2011						
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
2012		2.0	0.0	0.0	0.0	0.0
March	2.5	1.6	-0.9	6.1	3.9	1.6
June	2.2	0.8	-0.9 -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
2013						
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
						• • • • • • • • • •
	F	PERCENTAGE CHA	NGE (from prev	rious quarter)		
2009						
June	1.6	0.2	0.0	0.0	-1.6	0.4
September	1.9	0.0	0.7	0.1	0.9	1.0
December	-0.8	0.0	1.5	0.0	0.9	0.5
2010	-0.6	0.0	1.5	0.0	0.8	0.5
	4.0	0.4	4.0		0.4	1.0
March	1.3	-0.1	-1.0	5.5	2.1	1.0
June	0.7	-0.1	-1.8	0.1	0.1	0.6
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
2011						
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
2012						
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
2013	0.1	1.3	0.0	0.0	1.5	0.2
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

									Weighted average of eight capital
Quarters	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	cities
• • • • • • • • • •	• • • • • •							• • • • • • •	• • • • • • •
		F00	D AND N	ION-ALCO	HOLIC BE	EVERAGES	S .		
2011									
June	102.5	102.0	102.5	102.4	102.5	101.6	101.5	102.4	102.3
September	102.3	101.8	101.9	102.4	102.0	101.9	102.2	102.4	102.0
December	100.6	100.7	100.4	100.4	100.6	100.6	99.7	99.8	100.5
2012 March	98.3	98.3	98.7	98.1	98.4	98.7	98.8	98.2	98.4
June	98.8	99.2	99.0	99.2	99.0	98.8	99.2	99.6	99.0
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
2013									
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
				OHOL AND	TORACO				
			ALU	JIIOL AND	IUDAUU	J			
2011									
June	98.3	97.6	98.2	98.3	97.4	97.1	96.6	97.2	97.9
September	98.5	98.1	98.7	98.6	98.5	98.9	97.7	97.6	98.4
December	99.1	99.2	99.5	99.5	99.4	99.1	98.8	99.7	99.3
2012	400.7	100.0	400.0	400 5	400.7	100 5	101.1	400 F	400.7
March	100.7 101.7	100.9 101.8	100.3 101.5	100.5 101.4	100.7 101.4	100.5 101.5	101.4 102.2	100.5 102.2	100.7 101.7
June September	101.7	101.8	101.5	101.4	101.4	101.5	102.2	102.2	101.7
December	102.5	102.4	102.9	102.8	102.5	103.2	103.3	103.7	102.8
2013	102.5	102.0	100.0	102.0	102.5	100.7	104.1	100.0	102.0
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
• • • • • • • • • • • •	• • • • • •	• • • • • • • • •	CLOTI	HING AND	FOOTWF	Λ D		• • • • • • • •	• • • • • • •
			OLOTI	IIII AII AII D	1001WL	AII			
2011									
June	98.5	98.3	100.5	100.0	102.8	99.9	99.5	101.7	99.5
September	100.3	101.3	102.1	102.2	100.5	98.7	99.5	100.4	101.0
December 2012	99.0	102.6	99.5	101.7	98.2	102.0	100.9	100.6	100.4
March	00.4	00.1	00.1	07.0	00.2	99.9	00.0	00 5	00.6
June	99.4 101.2	98.1 98.0	98.1 100.3	97.9 98.2	98.3 103.1	99.9	99.8 99.8	98.5 100.5	98.6 100.0
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
2013									
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
				HOUSI	NG				
				110031	1 T G				
2011									
June	96.8	98.0	98.9	96.1	97.2	97.5	98.2	97.4	97.5
September	99.1	99.6	99.6	98.7	98.8	99.8	99.2	99.5	99.2
December	99.8	99.5	99.9	99.9	99.6	100.0	99.5	100.0	99.7
2012 March	100.1	100 E	100.0	101 1	100.3	100.3	100.0	100.1	100.0
March June	100.1 101.0	100.5	100.0	101.1 100.3	100.3	100.3 99.9	100.2 101.1	100.1	100.3 100.7
June September	101.0	100.4 103.2	100.5 103.7	100.3	101.3 103.9	99.9 101.6	101.1	100.4 103.9	100.7
December	104.3	103.2	103.7	104.9	103.9	101.8	103.0	103.9	103.9
2013	100.1	102.4	104.5	100.4	104.5	101.0	103.4	104.2	104.1
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

⁽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
• • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •
	F	URNISHIN	GS, HOU	SEHOLD E	QUIPMEN	IT AND S	ERVICES	;	
2011									
June	99.9	99.7	100.2	99.9	100.0	99.4	100.0	98.9	99.8
September	100.5	100.0	99.8	100.8	99.9	100.0	99.8	99.3	100.1
December 2012	100.1	100.8	99.5	99.9	100.1	99.9	99.8	99.9	100.2
March	99.0	99.0	99.3	98.8	99.5	99.4	99.4	99.6	99.1
June	100.4	100.3	101.4	100.4	100.5	100.7	101.1	101.1	100.6
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
2013									
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
• • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
				HEAL	ΙΗ				
2011									
June	99.3	99.4	99.6	99.5	99.5	99.7	99.0	98.6	99.4
September	98.4	98.2	98.5	98.6	98.3	98.7	99.4	98.4	98.4
December 2012	97.1	97.1	97.1	97.6	97.1	97.4	98.4	96.8	97.1
March	101.4	101.7	101.6	100.7	101.6	100.9	100.2	101.9	101.5
June	103.1	103.0	102.8	103.1	103.0	103.0	102.0	102.9	103.0
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
2013									
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
• • • • • • • • •	• • • • • •	• • • • • • • •		TRANSP	ORT	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
2011									
June	99.2	99.0	98.5	98.7	99.9	99.8	98.3	99.3	99.1
September	99.5	99.1	98.8	98.9	99.6	99.6	98.9	99.1	99.2
December	99.0	98.8	99.6	99.8	99.6	99.5	99.4	100.5	99.2
2012									
March	100.6	99.7	100.8	100.6	100.2	100.3	100.7	99.9	100.3
June	100.9	102.4	100.7	100.7	100.6	100.6	101.0	100.5	101.3
September	100.6	100.9	100.5	100.0	99.6	99.3	101.6	100.1	100.5
December 2013	100.6	102.5	100.2	100.6	100.9	101.9	100.7	101.1	101.2
March	101.3	103.0	101.0	100.9	100.8	102.0	104.5	101.0	101.7
June	101.3	101.4	99.8	99.7	100.3	101.2	104.5	100.9	100.8
		• • • • • • • •				• • • • • • •			
			(COMMUNIC	CATION				
2011									
June	99.2	99.3	99.3	99.3	99.2	99.3	99.3	99.2	99.3
September	99.2	99.3	99.2	99.2	99.2	99.2	99.3	99.2	99.2
December	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3
2012 March	100.4	100 /	100 4	100 4	100.4	100.4	100.4	100 4	100.4
June	100.4	100.4 100.1	100.4 100.1	100.4 100.1	100.4 100.1	100.4	100.4 100.1	100.4 100.1	100.4
September	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1
December	101.9	101.9	102.0	101.9	101.7	101.9	101.8	101.9	101.9
2013	_51.5	201.0	_02.0	101.0		101.0	101.0	202.0	201.0
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

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

									Weighted average of eight capital
Quarters	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	cities
• • • • • • • • • •	• • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
			RECRI	EATION A	ND CULTU	JRE			
2011									
June	100.0	99.5	100.0	100.1	99.9	98.1	102.1	99.6	99.8
September	100.6	100.5	101.4	101.5	100.1	99.9	103.0	100.8	100.7
December	101.6	101.6	100.9	101.3	101.6	101.1	99.9	102.1	101.5
2012									
March	99.4	99.8	99.0	98.8	100.2	101.8	97.6	98.9	99.5
June	98.4	98.0	98.7	98.4	98.1	97.2	99.5	98.3	98.3
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
2013	98.9	99.1	99.1	98.9	98.9	98.5	99.0	99.1	99.0
March June	98.9	99.1	99.1 98.7	98.9 97.7	98.9 98.3	98.5 96.0	100.3	99.1	99.0
Julie	90.3	96.0	96.1	91.1	90.3	90.0	100.5	90.1	96.2
• • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
				EDUCAT	TION				
2011									
June	97.5	97.1	96.3	96.9	96.7	97.4	97.2	97.3	97.1
September	97.5	97.1	96.3	96.9	96.7	97.6	97.2	97.5	97.1
December	97.6	97.2	96.4	96.9	96.7	97.6	97.2	97.5	97.1
2012									
March	102.4	102.8	103.6	103.1	103.3	102.4	102.8	102.5	102.9
June	102.5	102.8	103.7	103.1	103.3	102.4	102.8	102.6	102.9
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
2013									
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
		IN	SURANCE	AND FIN	ANCIAL S	SERVICES			
0011									
2011	00.0	00.5	07.0	07.7	07.5	00.0	00.0	07.0	00.0
June	98.6	98.5	97.9	97.7	97.5	99.8	96.3	97.6	98.2
September December	98.6 99.5	99.4 99.5	98.5 99.6	98.9 99.9	99.2 99.5	99.6 99.4	98.3 99.9	99.4 100.4	98.9 99.6
2012	99.5	99.5	99.0	99.9	99.5	99.4	99.9	100.4	99.0
March	100.6	100.3	100.6	100.7	100.4	100.1	100.5	100.6	100.5
June	101.3	100.8	101.3	100.7	100.4	100.1	101.3	99.6	101.0
September	102.9	102.5	96.1	100.6	101.6	101.9	102.0	98.8	101.0
December	104.9	103.5	97.4	102.3	103.1	104.0	103.5	101.0	102.7
2013									
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

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



CONTRIBUTION TO CHANGE IN ALL GROUPS CPI—Jun Qtr 2013

									Weighted average of eight capital
Group, sub-group and expenditure class	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	cities
• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
Food and non-alcoholic beverages	0.04	0.03	0.02	-0.03	-0.06	0.07	0.07	0.07	0.02
Bread and cereal products	0.00	0.01	0.03	-0.01	-0.03	0.00	0.00	0.04	0.00
Bread	0.00	0.01	0.01	-0.01	0.01	0.00	0.02	0.04	0.01
Cakes and biscuits	-0.01	0.01	0.01	0.00	-0.01	-0.01	-0.01	-0.01	0.00
Breakfast cereals	0.00	0.00	0.00	0.00	-0.02	0.00	-0.01	0.00	0.00
Other cereal products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Meat and seafoods	0.01	0.03	-0.01	0.00	-0.02	0.02	0.01	0.02	0.01
Beef and veal	0.00	0.00 0.01	-0.01 0.01	0.00 0.00	0.00 -0.01	0.00 0.00	0.00	0.01 0.00	0.00 0.00
Pork Lamb and goat	-0.01 0.00	0.01	0.01	-0.01	-0.01 -0.01	0.00	-0.01	0.00	-0.01
Poultry	-0.01	0.00	-0.01	0.00	0.00	0.00	-0.01 -0.01	-0.01	0.00
Other meats	0.02	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00
Fish and other seafood	0.01	0.01	0.00	0.00	0.01	-0.01	0.01	0.02	0.01
Dairy and related products	0.00	-0.02	-0.02	-0.03	0.00	-0.02	0.00	0.01	-0.01
Milk	0.00	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00
Cheese	0.00	-0.01	-0.01	-0.01	0.00	-0.01	0.00	-0.01	-0.01
Ice cream and other dairy products	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.02	0.00
Fruit and vegetables	0.03	0.02	-0.01	-0.02	-0.03	0.02	-0.02	-0.03	0.01
Fruit	-0.03	-0.04	-0.05	-0.05	-0.03	-0.03	-0.04	-0.04	-0.04
Vegetables	0.06	0.05	0.05	0.04	0.00	0.04	0.02	0.02	0.04
Food products n.e.c.	-0.01	-0.01	-0.02	-0.01	0.00	0.05	0.02	0.01	-0.01
Eggs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jams, honey and spreads	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Food additives and condiments	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01
Oils and fats	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.01	0.00
Snacks and confectionery	-0.01	0.01	0.00	0.00	-0.01	0.03	0.00	-0.01	0.00
Other food products n.e.c.	-0.01	-0.02	-0.02	-0.03	0.00	-0.01	0.00	0.00	-0.02
Non-alcoholic beverages	0.01	0.00	0.02	-0.01	0.00	0.01	0.03	-0.01	0.01
Coffee, tea and cocoa	-0.01	-0.01	0.01	-0.01	0.00	-0.01	0.01	-0.01	-0.01
Waters, soft drinks and juices	0.01	0.01	0.02	0.00	0.01	0.01	0.03	0.01	0.00
Meals out and take away foods	0.01	0.01	0.02	0.03	-0.01	0.01	0.04	0.01	0.02
Restaurant meals	0.01	-0.01	0.00	0.02	0.01	0.01	0.03	0.03	0.00
Take away and fast foods	0.00	0.02	0.01	0.01	-0.01	0.01	0.00	-0.02	0.00
Alcohol and tobacco	0.09	0.12	0.09	0.11	0.10	0.13	0.02	0.07	0.10
Alcoholic beverages	0.02	0.02	0.03	0.03	0.01	0.05	-0.08	-0.01	0.02
Spirits	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.01
Wine	-0.01	0.00	0.01	0.01	0.00	-0.02	0.01	-0.01	0.00
Beer	0.02	0.02	0.01	0.02	0.01	0.04	-0.09	0.00	0.02
Tobacco	0.07	0.10	0.06	0.08	0.09	0.08	0.10	0.07	0.08
Tobacco	0.07	0.10	0.06	0.08	0.09	0.08	0.10	0.07	0.08
Clothing and footwear	0.13	0.03	0.07	0.23	0.16	0.16	0.02	0.07	0.10
Garments	0.10	-0.01	0.06	0.17	0.15	0.18	0.03	0.04	0.07
Garments for men	0.06	0.03	0.04	0.08	0.06	0.04	0.01	0.03	0.05
Garments for women	0.02	-0.06	-0.01	0.05	0.08	0.13	0.02	0.00	0.00
Garments for infants and children	0.01	0.02	0.02	0.03	0.00	0.00	0.01	0.01	0.02
Footwear	0.02	0.03	0.00	0.00	0.03	0.02	-0.01	0.00	0.02
Footwear for men	0.02	0.01	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00
Footwear for women	0.01	0.01	0.00	0.00	0.02	0.03	-0.02	0.00	0.01
Footwear for infants and children	-0.01	0.02	0.00	0.01	0.00	0.02	0.00	0.01	0.00
Accessories and clothing services	0.00	0.02	0.01	0.06	-0.01	-0.04	0.01	0.02	0.01
Accessories	0.00	0.02	0.02	0.06	-0.01	-0.04	0.01	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



CONTRIBUTION TO CHANGE IN ALL GROUPS CPI—Jun Qtr 2013 continued

									Weighted average of eight capital
Group, sub–group and expenditure class	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	cities
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •
Housing	0.17	0.11	0.23	-0.17	0.31	0.06	0.37	0.07	0.15
Rents	0.12	0.02	0.04	0.04	0.14	0.02	0.18	0.05	0.07
Rents	0.12	0.02	0.04	0.04	0.14	0.02	0.18	0.05	0.07
New dwelling purchase by owner-occupiers	0.05	0.05	0.17	0.02	0.13	0.04	0.15	-0.02	0.08
New dwelling purchase by owner-occupiers	0.05	0.05	0.17	0.02	0.13	0.04	0.15	-0.02	0.08
Other housing	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.04	0.01
Maintenance and repair of the dwelling	0.01	0.01	0.02	-0.01	0.01	0.00	0.00	0.04	0.01
Property rates and charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Utilities	0.00	0.02	0.00	-0.23	0.02	0.00	0.04	0.00	-0.01
Water and sewerage	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Electricity	0.00	0.00	0.00	-0.23	0.00	0.00	0.03	0.00	-0.02
Gas and other household fuels	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.01
Furnishings, household equipment and services	0.01	0.12	0.10	0.13	0.14	0.14	0.09	0.26	0.09
Furniture and furnishings	0.02	0.13	0.04	0.07	0.10	0.11	0.03	0.15	0.07
Furniture	0.02	0.13	0.04	0.06	0.10	0.10	0.03	0.15	0.07
Carpets and other floor coverings	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00
Household textiles	0.00	0.02	0.01	0.04	0.02	0.00	0.01	0.05	0.01
Household textiles	0.00	0.02	0.01	0.04	0.02	0.00	0.01	0.05	0.01
Household appliances, utensils and tools	0.00	0.01	0.02	0.02	0.01	0.02	0.01	0.02	0.00
Major household appliances	-0.01	0.00	0.02	-0.01	0.00	0.00	0.00	-0.01	0.00
Small electric household appliances	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00
Glassware, tableware and household utensils	0.01	0.01	0.00	0.02	0.02	0.02	0.00	0.02	0.02
Tools and equipment for house and garden	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Non-durable household products	-0.02	-0.04	0.01	0.00	0.00	0.01	0.01	-0.02	-0.02
Cleaning and maintenance products	0.00	-0.01	0.00	0.00	-0.01	-0.01	0.00	-0.01	-0.01
Personal care products	0.00	-0.01	0.01	-0.01	0.00	0.01	0.01	-0.03	-0.01
Other non-durable household products	-0.02	-0.02	0.00	0.01	-0.01	0.00	0.00	0.02	-0.01
Domestic and household services	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.06	0.02
Child care	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.01
Hairdressing and personal grooming services	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01
Other household services	0.02	0.00	0.01	0.01	0.01	0.00	0.00	0.02	0.01
Health	0.13	0.08	0.13	0.18	0.07	0.16	0.09	0.07	0.11
Medical products, appliances and equipment	-0.02	-0.02	0.00	-0.02	-0.03	-0.02	-0.01	-0.01	-0.02
Pharmaceutical products	-0.02	-0.02	-0.01	-0.02	-0.02	-0.03	-0.01	-0.02	-0.03
Therapeutic appliances and equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Medical, dental and hospital services	0.16	0.10	0.14	0.20	0.10	0.17	0.09	0.08	0.13
Medical and hospital services	0.16	0.09	0.13	0.19	0.09	0.18	0.09	0.08	0.13
Dental services	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
Transport	-0.02	-0.19	-0.14	-0.15	-0.06	-0.10	0.01	-0.02	-0.10
Private motoring	-0.02	-0.19	-0.14	-0.15	-0.06	-0.09	0.01	-0.01	-0.10
Motor vehicles	0.10	-0.07	-0.06	-0.07	0.00	-0.06	-0.05	-0.02	-0.01
Spare parts and accessories for motor vehicles	0.00	0.00	-0.02	-0.01	0.00	0.01	0.03	-0.01	-0.01
Automotive fuel	-0.11	-0.15	-0.10	-0.11	-0.10	-0.06	-0.03	-0.03	-0.11
Maintenance and repair of motor vehicles	-0.01	0.01	0.04	0.03	0.02	0.03	0.07	0.04	0.01
Other services in respect of motor vehicles	0.00	0.01	0.00	0.00	0.02	0.01	0.00	0.00	0.01
Urban transport fares	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Urban transport fares	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00



CONTRIBUTION TO CHANGE IN ALL GROUPS CPI—Jun Qtr 2013 continued

									Weighted average of eight capital
Group, sub-group and expenditure class	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	cities
•••••	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •
Communication	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.02
Communication	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.02
Postal services	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Telecommunication equipment and services	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01
Recreation and culture	-0.07	-0.15	-0.05	-0.15	-0.08	-0.35	0.16	-0.06	-0.10
Audio, visual and computing equipment and services	-0.02	-0.03	-0.01	-0.03	-0.04	-0.01	-0.04	-0.03	-0.02
Audio, visual and computing equipment	-0.01	-0.04	-0.01	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02
Audio, visual and computing media and services	-0.01	0.01	0.00	-0.02	-0.02	0.00	-0.02	0.00	0.00
Newspapers, books and stationery	0.00	0.01	0.00	0.00	0.03	0.01	0.01	-0.01	0.01
Books	0.00	0.00	-0.01	-0.01	0.01	0.01	0.00	-0.01	0.00
Newspapers, magazines and stationery	0.01	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.00
Holiday travel and accommodation	-0.06	-0.16	-0.06	-0.12	-0.07	-0.40	0.17	-0.04	-0.10
Domestic holiday travel and accommodation	-0.06	-0.15	-0.08	-0.16	-0.11	-0.41	0.15	-0.05	-0.11
International holiday travel and accommodation	0.01	-0.01	0.02	0.04	0.03	0.00	0.02	0.02	0.01
Other recreation, sport and culture	0.00	0.04	0.03	0.00	0.01	0.05	0.01	0.01	0.02
Equipment for sports, camping and open-air									
recreation	-0.01	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00
Games, toys and hobbies	-0.01	0.01	0.02	0.00	-0.01	0.00	-0.01	0.01	0.00
Pets and related products	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00
Veterinary and other services for pets	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
Sports participation	0.00	0.02	0.01	0.01	0.01	0.00	0.00	-0.02	0.01
Other recreational, sporting and cultural services	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01
outer recreational, operang and calculate convices	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01
Education	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
Education	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
Preschool and primary education	-0.01	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
Insurance and financial services	0.01	-0.01	0.05	0.03	0.03	0.11	0.03	-0.02	0.02
Insurance	0.00	-0.04	0.02	0.02	0.01	0.02	0.01	0.00	0.00
Insurance	0.00	-0.04	0.02	0.02	0.01	0.02	0.01	0.00	0.00
Financial services	0.00	0.03	0.03	0.01	0.02	0.08	0.02	-0.02	0.02
Deposit and loan facilities (direct charges)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00
Other financial services	0.00	0.03	0.02	0.01	0.01	0.08	0.03	-0.02	0.02
All groups CPI	0.4	0.2	0.5	0.2	0.6	0.4	0.9	0.6	0.4



		IUMBERS		PERCENTAGE CH		CONTRIB TO TOTAL (ALL GRO	_ CPI DUPS DINTS)	CHANGE IN POINTS CONTRIBUTION
Group, sub-group and expenditure class	Jun Qtr 2012	Mar Qtr 2013	Jun Qtr 2013	Mar Qtr 2013 to Jun Qtr 2013	Jun Qtr 2012 to Jun Qtr 2013	Mar Qtr 2013	Jun Qtr 2013	Mar Qtr 2013 to Jun Qtr 2013
	• • • • • •	• • • • •	• • • • • • •	• • • • • • • • • • •		• • • • • • •	• • • • • •	• • • • • • • • • • •
Food and non-alcoholic beverages	99.0	100.0	100.1	0.1	1.1	16.33	16.35	0.02
Bread and cereal products Bread	98.5 98.5	100.7 100.7	100.9 102.3	0.2 1.6	2.4 3.9	1.70 0.57	1.70 0.58	0.00 0.01
Cakes and biscuits	98.0	100.7	99.9	-0.5	1.9	0.57	0.38	0.00
Breakfast cereals	98.7	101.2	99.8	-1.4	1.1	0.18	0.18	0.00
Other cereal products	100.3	101.2	101.3	0.1	1.0	0.21	0.21	0.00
Meat and seafoods	99.7	99.8	100.1	0.3	0.4	2.23	2.24	0.01
Beef and veal	100.8	100.7	100.2	-0.5	-0.6	0.39	0.39	0.00
Pork	98.9	100.7	100.7	0.0	1.8	0.36	0.36	0.00
Lamb and goat	99.2	88.0	86.9	-1.3	-12.4	0.22	0.21	-0.01
Poultry	97.9	105.6	105.3	-0.3	7.6	0.49	0.49	0.00
Other meats	101.5	98.3	99.6	1.3	-1.9	0.38	0.38	0.00
Fish and other seafood	99.7	99.9	102.0	2.1	2.3	0.40	0.41	0.01
Dairy and related products Milk	99.6 100.0	98.0 97.6	97.0 96.7	-1.0 -0.9	−2.6 −3.3	1.11 0.41	1.10 0.41	-0.01 0.00
Cheese	99.0	98.5	96.7	-0.9 -2.2	-3.3 -2.7	0.41	0.41	-0.01
Ice cream and other dairy products	99.6	98.0	97.9	-2.2 -0.1	-2.7 -1.7	0.33	0.37	0.00
Fruit and vegetables	92.0	93.5	93.8	0.3	2.0	2.32	2.33	0.01
Fruit	81.1	84.2	81.3	-3.4	0.2	1.03	0.99	-0.04
Vegetables	102.4	102.5	105.9	3.3	3.4	1.30	1.34	0.04
Food products n.e.c.	100.5	100.8	100.5	-0.3	0.0	2.18	2.17	-0.01
Eggs	100.9	103.4	104.2	0.8	3.3	0.11	0.11	0.00
Jams, honey and spreads	99.5	100.5	100.2	-0.3	0.7	0.14	0.14	0.00
Food additives and condiments	100.8	98.5	100.5	2.0	-0.3	0.30	0.31	0.01
Oils and fats	99.2	98.5	100.0	1.5	0.8	0.17	0.17	0.00
Snacks and confectionery	101.6	101.7	101.5	-0.2	-0.1	0.97	0.97	0.00
Other food products n.e.c.	98.8	100.7	98.0	-2.7	-0.8	0.48	0.46	-0.02
Non-alcoholic beverages	101.4 103.0	102.2 104.3	102.6 102.7	0.4 -1.5	1.2 -0.3	1.17 0.30	1.18 0.29	0.01 -0.01
Coffee, tea and cocoa Waters, soft drinks and juices	100.9	104.5	102.7	1.0	1.6	0.30	0.29	0.00
Meals out and take away foods	100.9	102.4	102.7	0.3	1.8	5.61	5.63	0.02
Restaurant meals	100.7	101.7	101.9	0.2	1.2	2.88	2.88	0.00
Take away and fast foods	101.2	103.3	103.5	0.2	2.3	2.74	2.74	0.00
Mark de la collection de	404 =		40= 0			= 40		0.40
Alcoholia hovereges	101.7	104.4	105.8	1.3	4.0	7.48	7.58	0.10
Alcoholic beverages Spirits	101.3 101.2	102.4 103.2	102.9 103.7	0.5 0.5	1.6 2.5	4.89 0.94	4.91 0.95	0.02 0.01
Wine	101.2	103.2	103.7	0.5	1.9	1.67	1.67	0.00
Beer	101.7	102.0	102.7	0.7	1.0	2.27	2.29	0.02
Tobacco	102.5	108.4	111.7	3.0	9.0	2.59	2.67	0.08
Tobacco	102.5	108.4	111.7	3.0	9.0	2.59	2.67	0.08
Clothing and footwear	100.0	97.1	99.7	2.7	-0.3	3.86	3.96	0.10
Garments	99.8	96.7	99.6	3.0	-0.2	2.41	2.48	0.07
Garments for men	99.1	97.4	104.3	7.1	5.2	0.71	0.76	0.05
Garments for women	100.3	96.9	97.2	0.3	-3.1	1.41	1.41	0.00
Garments for infants and children	99.2	93.9	99.5	6.0	0.3	0.28	0.30	0.02
Footwear	100.2	94.9	98.1	3.4	-2.1	0.59	0.61	0.02
Footwear for men	99.3	93.0	97.6	4.9	-1.7	0.13	0.13	0.00
Footwear for women	100.8	95.4	98.4	3.1	-2.4	0.34	0.35	0.01
Footwear for infants and children	99.7	95.4	97.8	2.5	-1.9	0.12	0.12	0.00
Accessories and clothing services	100.7	100.0	101.2	1.2	0.5	0.86	0.87	0.01
Accessories	100.7	99.5	100.8	1.3	0.1	0.74	0.75	0.01
Cleaning, repair and hire of clothing and footwear	100.7	103.1	103.7	0.6	3.0	0.12	0.12	0.00

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

continued

	INDEX N	IUMBERS	·(a)	PERCENTAGE CH	IANGE	CONTRIE TO TOTA (ALL GRO INDEX P	L CPI OUPS OINTS)	CHANGE IN POINTS CONTRIBUTION
Group, sub-group and expenditure class	Jun Qtr 2012	Mar Qtr 2013	Jun Qtr 2013	Mar Qtr 2013 to Jun Qtr 2013	Jun Qtr 2012 to Jun Qtr 2013	Mar Qtr 2013	Jun Qtr 2013	Mar Qtr 2013 to Jun Qtr 2013
• • • • • • • • • • • • • • • • • • • •	• • • • •		• • • • • •	• • • • • • • • • • • •	• • • • • • • • • • •			• • • • • • • • • • • • •
Housing	100.7	105.4	106.0	0.6	5.3	23.92	24.07	0.15
Rents	101.6	104.0	105.1	1.1	3.4	7.12	7.19	0.13
Rents	101.6	104.0	105.1	1.1	3.4	7.12	7.19	0.07
New dwelling purchase by owner-occupiers New dwelling purchase by	100.1	102.8	103.7	0.9	3.6	8.85	8.93	0.08
owner-occupiers	100.1	102.8	103.7	0.9	3.6	8.85	8.93	0.08
Other housing	100.2	103.7	104.0	0.3	3.8	3.49	3.50	0.01
Maintenance and repair of the dwelling	100.4	102.4	102.8	0.4	2.4	2.09	2.10	0.01
Property rates and charges	100.0	105.8	105.8	0.0	5.8	1.40	1.40	0.00
Utilities	101.1	114.7	114.5	-0.2	13.3	4.46	4.45	-0.01
Water and sewerage	100.3	102.9	102.9	0.0	2.6	1.00	1.00	0.00
Electricity Gas and other household fuels	101.0 102.5	119.2 117.0	118.4 118.2	-0.7 1.0	17.2 15.3	2.58 0.88	2.56 0.89	-0.02 0.01
das and other nousehold ideis	102.5	117.0	110.2	1.0	15.5	0.00	0.03	0.01
Furnishings, household equipment and								
services	100.6	99.7	100.7	1.0	0.1	9.02	9.11	0.09
Furniture and furnishings	100.4	94.6	98.5	4.1	-1.9	1.77	1.84	0.07
Furniture	100.5	93.9	98.4	4.8	-2.1	1.49	1.56	0.07
Carpets and other floor coverings	99.8	99.0	99.4	0.4	-0.4	0.28	0.28	0.00
Household textiles	99.5	92.5	94.5	2.2	-5.0	0.56	0.57	0.01
Household textiles Household appliances, utensils and tools	99.5 98.8	92.5 95.0	94.5 95.6	2.2 0.6	−5.0 −3.2	0.56 1.33	0.57 1.33	0.01 0.00
Major household appliances	98.5	94.6	94.6	0.0	-3.2 -4.0	0.45	0.45	0.00
Small electric household appliances Glassware, tableware and household	98.9	95.0	93.5	-1.6	-5.5	0.43	0.22	0.00
utensils Tools and equipment for house and	98.3	92.6	95.2	2.8	-3.2	0.39	0.41	0.02
garden	100.0	99.8	99.8	0.0	-0.2	0.26	0.26	0.00
Non-durable household products	100.6	101.2	100.6	-0.6	0.0	2.87	2.85	-0.02
Cleaning and maintenance products	101.8	102.0	101.0	-1.0	-0.8	0.30	0.29	-0.01
Personal care products	101.4	100.0	99.8	-0.2	-1.6	1.10	1.09	-0.01
Other non-durable household products	99.7	102.0	101.1	-0.9	1.4	1.47	1.46	-0.01
Domestic and household services Child care	102.1 103.4	106.5 110.4	107.1 111.0	0.6 0.5	4.9 7.4	2.50 0.80	2.52 0.81	0.02 0.01
Hairdressing and personal grooming	105.4	110.4	111.0	0.5	7.4	0.00	0.01	0.01
services	101.0	103.0	103.5	0.5	2.5	0.93	0.94	0.01
Other household services	102.2	107.0	107.9	0.8	5.6	0.76	0.77	0.01
Health	103.0	107.7	109.8	1.9	6.6	5.69	5.80	0.11
Medical products, appliances and equipment	103.3	104.4	102.8	-1.5	-0.5	1.33	1.31	-0.02
Pharmaceutical products	103.8	105.0	103.2	-1.7	-0.6	1.19	1.16	-0.03
Therapeutic appliances and equipment	99.6	99.9	100.0	0.1	0.4	0.15	0.15	0.00
Medical, dental and hospital services	102.9	108.8	112.0	2.9	8.8	4.36	4.49	0.13
Medical and hospital services Dental services	103.1 101.4	109.6 103.5	113.3 104.0	3.4 0.5	9.9 2.6	3.77 0.59	3.90 0.59	0.13 0.00
Definal Services	101.4	100.0	104.0	0.5	2.0	0.55	0.55	0.00
Transport	101.3	101.7	100.8	-0.9	-0.5	11.76	11.66	-0.10
Private motoring	101.2	101.3	100.4	-0.9	-0.8	10.96	10.86	-0.10
Motor vehicles Spare parts and accessories for motor	100.3	97.1	96.9	-0.2	-3.4	3.07	3.06	-0.01
vehicles	100.0	100.6	100.4	-0.2	0.4	1.00	0.99	-0.01
Automotive fuel	101.9	101.6	98.5	-3.1	-3.3	3.60	3.49	-0.11
Maintenance and repair of motor vehicles	100.7 102.7	104.5 107.0	105.3 107.4	0.8 0.4	4.6 4.6	1.81 1.48	1.82 1.49	0.01 0.01
Other services in respect of motor vehicles Urban transport fares	102.7	107.0	107.4	0.4	4.6 4.4	0.81	0.81	0.01
Urban transport fares	102.3	106.8	106.8	0.0	4.4	0.81	0.81	0.00

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

continued

	INDEX N	IUMBERS	(a)	PERCENTAGE CH	ANGE	CONTRIE TO TOTA (ALL GRO INDEX P	L CPI DUPS	CHANGE IN POINTS CONTRIBUTION
Group, sub–group and expenditure class	Jun Qtr 2012	Mar Qtr 2013	Jun Qtr 2013	Mar Qtr 2013 to Jun Qtr 2013	Jun Qtr 2012 to Jun Qtr 2013	Mar Qtr 2013	Jun Qtr 2013	Mar Qtr 2013 to Jun Qtr 2013
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • •	• • • • •	• • • • • • • • • • • • •
Communication	100.1	101.9	102.3	0.4	2.2	3.10	3.12	0.02
Communication	100.1	101.9	102.3	0.4	2.2	3.10	3.12	0.02
Postal services	101.4	102.3	104.4	2.1	3.0	0.13	0.13	0.00
Telecommunication equipment and								
services	100.0	101.8	102.2	0.4	2.2	2.98	2.99	0.01
Recreation and culture	98.3	99.0	98.2	-0.8	-0.1	12.37	12.27	-0.10
Audio, visual and computing equipment and								
services	96.0	90.1	89.1	-1.1	-7.2	2.13	2.11	-0.02
Audio, visual and computing equipment Audio, visual and computing media and	93.4	84.0	82.4	-1.9	-11.8	1.17	1.15	-0.02
services	99.8	98.8	98.8	0.0	-1.0	0.96	0.96	0.00
Newspapers, books and stationery	100.4	102.1	102.7	0.6	2.3	1.09	1.10	0.01
Books	100.3	98.5	98.0	-0.5	-2.3	0.38	0.38	0.00
Newspapers, magazines and stationery	100.5	104.2	105.4	1.2	4.9	0.71	0.71	0.00
Holiday travel and accommodation Domestic holiday travel and	97.3	100.4	98.4	-2.0	1.1	4.89	4.79	-0.10
accommodation International holiday travel and	97.7	103.6	99.5	-4.0	1.8	2.67	2.56	-0.11
accommodation	96.8	96.7	97.2	0.5	0.4	2.22	2.23	0.01
Other recreation, sport and culture	100.1	101.7	102.1	0.4	2.0	4.26	4.28	0.01
Equipment for sports, camping and	100.1	101.7	102.1	0.4	2.0	4.20	7.20	0.02
open-air recreation	99.7	98.3	97.4	-0.9	-2.3	0.58	0.58	0.00
Games, toys and hobbies	97.7	95.0	95.3	0.3	-2.5	0.71	0.71	0.00
Pets and related products	100.0	100.8	101.1	0.3	1.1	0.39	0.39	0.00
Veterinary and other services for pets	100.9	103.3	103.7	0.4	2.8	0.42	0.42	0.00
Sports participation	100.6	104.6	105.4	0.8	4.8	1.00	1.01	0.01
Other recreational, sporting and cultural	100.0	20	2001	0.0		2.00	2.02	0.02
services	101.3	105.1	106.0	0.9	4.6	1.16	1.17	0.01
Education	102.9	108.9	108.8	-0.1	5.7	3.55	3.54	-0.01
Education	102.9	108.9	108.8	-0.1	5.7	3.55	3.54	-0.01
Preschool and primary education	102.7	107.8	106.9	-0.8	4.1	0.58	0.57	-0.01
Secondary education	103.7	109.3	109.3	0.0	5.4	1.42	1.42	0.00
Tertiary education	102.3	109.0	109.0	0.0	6.5	1.55	1.55	0.00
Insurance and financial services	101.0	103.4	103.7	0.3	2.7	5.31	5.33	0.02
Insurance	102.0	109.8	109.7	-0.1	7.5	1.60	1.60	0.00
Insurance	102.0	109.8	109.7	-0.1	7.5	1.60	1.60	0.00
Financial services	100.7	100.8	101.3	0.5	0.6	3.70	3.72	0.02
Deposit and loan facilities (direct charges)	100.3	100.1	100.4	0.3	0.1	0.75	0.75	0.00
Other financial services	100.7	101.0	101.5	0.5	0.8	2.95	2.97	0.02
All groups CPI	100.4	102.4	102.8	0.4	2.4	102.4	102.8	0.4

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



	INDEX NUMBERS(b)			PERCENTAGE CHA	CONTRIBU TO TOTAL (ALL GROU INDEX POI	CPI JPS CPI	CHANGE IN POINTS CONTRIBUTION	
	Jun Qtr 2012	Mar Qtr 2013	Jun Qtr 2013	Mar Qtr 2013 to Jun Qtr 2013	Jun Qtr 2012 to Jun Qtr 2013	Mar Qtr 2013	Jun Qtr 2013	Mar Qtr 2013 to Jun Qtr 2013
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • •		• • • • • •	
All groups CPI	100.4	102.4	102.8	0.4	2.4	102.4	102.8	0.4
All groups CPI, seasonally adjusted	100.5	102.3	102.8	0.5	2.3			
Underlying trend series								
Trimmed mean	100.8	102.5	103.0	0.5	2.2			
Weighted median	r100.8	102.8	r103.4	r0.6	2.6			
International trade exposure series								
Tradables	99.6	98.6	98.9	0.3	-0.7	38.40	38.50	0.10
Non-tradables	101.0	104.8	105.3	0.5	4.3	63.98	64.28	0.30
Goods and services series								
Goods component	100.0	101.0	101.3	0.3	1.3	58.25	58.44	0.19
Services component	101.0	104.3	104.8	0.5	3.8	44.14	44.34	0.20
All groups CPI including Deposit and loan facilities								
(indirect charges)	100.4	102.3	102.8	0.5	2.4			
Market goods and services								
excluding 'volatile items'								
Goods	100.1	100.1	100.8	0.7	0.7	46.68	47.01	0.33
Services	100.4	102.9	103.1	0.2	2.7	31.47	31.53	0.06
Total	100.2	101.2	101.7	0.5	1.5	78.15	78.54	0.39
All groups CPI excluding								
Food and non-alcoholic beverages	100.7	102.9	103.3	0.4	2.6	86.05	86.43	0.38
Alcohol and tobacco	100.3	102.2	102.5	0.3	2.2	94.91	95.20	0.29
Clothing and footwear	100.4	102.6	102.9	0.3	2.5	98.53	98.82	0.29
Housing	100.3	101.5	101.8	0.3	1.5	78.47	78.71	0.24
Furnishings, household								
equipment and services	100.4	102.7	103.0	0.3	2.6	93.37	93.67	0.30
Health	100.3	102.1	102.4	0.3	2.1	96.70	96.98	0.28
Transport	100.3	102.5	103.0	0.5	2.7	90.62	91.12	0.50
Communication	100.4	102.4	102.8	0.4	2.4	99.28	99.66	0.38
Recreation and culture	100.7	102.9	103.4	0.5	2.7	90.02	90.51	0.49
Education	100.3	102.2	102.6	0.4	2.3	98.84	99.24	0.40
Insurance and financial services	100.4	102.3	102.7	0.4	2.3	97.08	97.45	0.37
Housing, Insurance and								
financial services	100.3	101.4	101.7	0.3	1.4	73.16	73.39	0.23
Medical and hospital services	100.3	102.1	102.4	0.3	2.1	98.62	98.88	0.26
Food and energy	100.6	102.3	102.9	0.6	2.3	81.87	82.37	0.50
'Volatile items'	100.6	102.6	103.2	0.6	2.6	96.46	96.96	0.50

not applicable

⁽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)

Period	Australia	New Zealand	Hong Kong	Indonesia	Japan	Korea, Republic of	Singapore	Taiwan	Canada	United States of America	Germany	United Kingdom
7 0770 u			. 0				0 /				,	0
• • • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
2009-10	95.9	94.3	92.7	89.6	99.9	93.5	92.5	97.3	94.9	94.2	96.7	90.0
2010-11	98.3	98.1	96.3	95.7	99.9	97.1	96.2	98.4	97.4	96.8	98.1	95.0
2011-12	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0
2012-13	101.4	100.2	102.5	104.7	99.5	100.8	102.9	102.0	100.7	101.3	101.9	102.8
2009												
June	94.7	92.9	90.6	86.5	100.8	92.3	90.1	96.0	94.2	92.3	96.0	87.3
September	95.1	94.2	91.0	88.4	100.5	92.7	91.1	97.4	94.4	93.3	96.4	88.1
December	95.5	94.1	92.3	88.8	99.9	92.8	92.1	97.5	94.5	93.8	96.6	89.2
2010												
March	96.1	94.4	93.5	89.8	99.5	93.7	92.7	96.9	95.0	94.4	96.7	90.4
June	96.7	94.5	93.9	91.3	99.8	94.6	93.9	97.2	95.5	95.1	97.1	92.3
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
2011												
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
2012												
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	r101.1	100.8	101.4
September	101.2	100.3	101.6	103.3	99.5	100.4	102.0	102.4	100.6	r101.2	101.2	101.6
December	101.4	99.9	102.4	104.1	99.5	100.7	102.7	102.2	100.5	r101.0	101.6	103.1
2013												
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	nya	nya	nya	100.9	nya	101.7	nya	nya	102.5	nya

nya not yet available

r revised

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



INTERNATIONAL COMPARISONS, All groups CPI excluding Housing and Insurance and financial services—Percentage changes

Period	Australia	New Zealand	Hong Kong	Indonesia	Japan	Korea, Republic of	Singapore	Taiwan	Canada	United States of America	Germany	Unit Kingdo
				• • • • • • • •		• • • • •	• • • • • • • • •	• • • • • •				
			PE	ERCENTAG	E CHANGI	E (from	n previous	year)				
009–10	1.9	1.8	1.4	3.7	-1.9	2.5	1.2	0.0	1.3	1.4	0.7	4
010–11	2.5	4.0	3.9	6.8	0.0	3.9	4.0	1.1	2.6	2.8	1.4	5
011–12	1.7	1.9	3.8	4.5	0.1	3.0	4.0	1.6	2.7	3.4	1.9	!
012–13	1.4	0.2	2.5	4.7	-0.5	0.8	2.9	2.0	0.7	1.2	1.9	
• • • • • • • •	• • • • • • •	DEDOEN									• • • • • • •	• • • • •
		PERCEN	TAGE C	HANGE (TI	rom corre	sponai	ng quarte	r of pre	vious ye	ear)		
009 June	1.4	1.6	-1.9	3.5	-1.2	3.1	-1.5	0.6	0.2	-2.4	0.2	
September	1.2	1.4	-1.9	2.8	-2.6	2.2	-0.9	1.5	-0.5	-2.8	-0.1	
December	2.2	2.2	1.1	2.7	-2.3	2.5	-0.4	0.1	1.6	2.0	0.8	
010	2.2	2.2	1.1	2.1	-2.5	2.5	-0.4	0.1	1.0	2.0	0.0	
March	2.1	2.2	3.0	3.7	-1.3	2.6	1.8	-0.6	2.6	3.6	1.2	
June	2.1	1.7	3.6	5.5	-1.0	2.5	4.2	0.3	1.4	3.0	1.1	
September	2.0	1.5	3.5	6.3	-0.9	3.0	4.1	0.4	1.6	1.9	1.0	
December	2.0	4.0	3.3	7.8	0.2	3.8	3.7	1.1	2.2	1.8	1.1	
011	∠.⊥	4.0	3.3	1.0	∪.∠	3.0	3.1	1.1	2.2	1.0	1.1	
March	2.9	4.8	4.0	7.2	0.1	4.6	4.6	-0.4	2.7	2.9	1.8	
June	3.3	5.6	4.8	5.8	0.4	4.2	3.8	0.8	4.0	4.5	2.0	
September	3.2	4.7	4.5	5.0	0.3	4.7	4.1	0.0	3.6	4.8	2.2	
December	2.5	1.7	4.4	4.0	-0.4	3.4	4.2	1.2	3.0	4.0	1.9	
012	2.5	1.7	4.4	4.0	-0.4	5.4	4.2	1.2	5.0	4.0	1.5	
March	0.8	1.2	3.5	4.3	0.4	2.2	3.5	-0.6	2.6	3.2	1.8	
June	0.4	0.4	3.0	4.9	0.0	1.6	3.9	1.2	1.7	r1.7	1.8	
September	1.1	0.2	3.3	4.7	-0.4	0.4	3.3	3.3	1.2	r1.5	1.7	
December	1.5	0.3	2.9	4.6	-0.2	1.1	3.2	1.9	1.0	r1.7	2.0	
2013												
March	1.7	0.2	3.0	6.4	-0.6	1.1	3.5	2.0	0.9	1.4	1.9	
June	1.4	-0.1	nya	nya	nya	0.7	nya	0.8	nya	nya	1.7	1
• • • • • • • • •	• • • • • • •	• • • • • • •			• • • • • • • •				• • • • • • •	• • • • • • •	• • • • • • •	• • • • •
			PER	RCENTAGE	CHANGE	(from	previous o	quarter)				
2009												
June	0.6	0.5	-0.2	-0.1	0.0	1.1	-1.1	-1.0	1.7	1.3	0.4	
September	0.4	1.4	0.4	2.2	-0.3	0.4	1.1	-1.4	0.2	1.1	0.4	
December	0.4	-0.1	1.4	0.5	-0.6	0.1	1.1	-1.4	0.1	0.5	0.2	
2010												
March	0.6	0.3	1.3	1.1	-0.4	1.0	0.7	1.6	0.5	0.6	0.1	
June	0.6	0.1	0.4	1.7	0.3	1.0	1.3	1.3	0.5	0.7	0.4	
September	0.3	1.2	0.3	3.0	-0.2	1.0	1.0	0.2	0.4	0.0	0.3	
December	0.5	2.4	1.2	1.8	0.5	8.0	0.7	1.2	0.7	0.4	0.3	
2011												
March	1.4	1.0	2.0	0.6	-0.5	1.8	1.6	1.4	1.0	1.7	0.7	
June	1.0	0.9	1.2	0.3	0.6	0.6	0.5	2.0	1.7	2.4	0.6	
September	0.2	0.3	0.0	2.2	-0.3	1.4	1.2	1.5	0.1	0.3	0.5	
December	-0.2	-0.5	1.1	0.8	-0.2	-0.4	0.8	1.6	0.1	-0.4	0.1	
012												
March	-0.2	0.5	1.1	0.9	0.3	0.6	0.9	1.4	0.6	0.9	0.6	
June	0.6	0.1	0.8	0.9	0.2	0.0	0.9	1.8	0.9	r0.9	0.6	
September	0.9	0.1	0.2	2.0	-0.7	0.2	0.7	1.5	-0.4	r0.1	0.4	
December	0.2	-0.4	0.8	0.8	0.0	0.3	0.7	-0.2	-0.1	r–0.2	0.4	
013	0.2	0. 1	0.0	0.0	3.0	0.0	0	V. <u>~</u>	0.1	. 0.2	0. 1	
	0.0	0.4	1.2	2.6	-0.1	0.6	1.2	-0.5	0.5	0.6	0.5	
March							4.4	0.0	0.0	0.0	0.0	
March June	0.0	-0.2	nya	nya	nya	-0.4	nya	0.0	nya	nya	0.4	

nya not yet available r revised

EXPLANATORY NOTES

BRIEF DESCRIPTION OF THE

- **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.
- **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.
- **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

PRICES

WEIGHTING PATTERN

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.

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.

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.
- 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 total level of a group of indexes being outside the range of the percentage changes for 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.
- rounded index numbers. In some cases, this can result in the percentage change for the the component level indexes. Seasonally adjusted estimates are calculated from rounded
- **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

ROUNDING

SEASONALLY ADJUSTED INDEXES

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).
- 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.
- 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.

INTERNATIONAL COMPARISONS

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)
 - House 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.

FOR MORE INFORMATION .

INTERNET

www.abs.gov.au the ABS website is the best place for data from our publications and information about the ABS.

INFORMATION AND REFERRAL SERVICE

Our consultants can help you access the full range of information published by the ABS that is available free of charge from our website. Information tailored to your needs can also be requested as a 'user pays' service. Specialists are on hand to help you with analytical or methodological advice.

methodological advi

PHONE 1300 135 070

EMAIL client.services@abs.gov.au

FAX 1300 135 211

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

FREE ACCESS TO STATISTICS

All statistics on the ABS website can be downloaded free of charge.

WEB ADDRESS www.abs.gov.au

ISSN 1442-3987