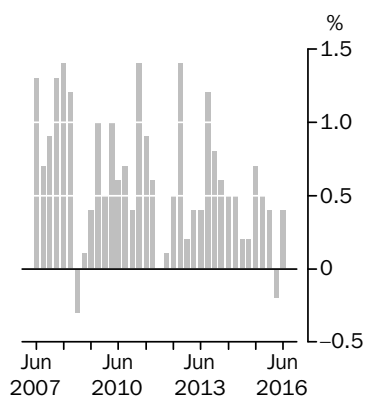


CONSUMER PRICE INDEX AUSTRALIA

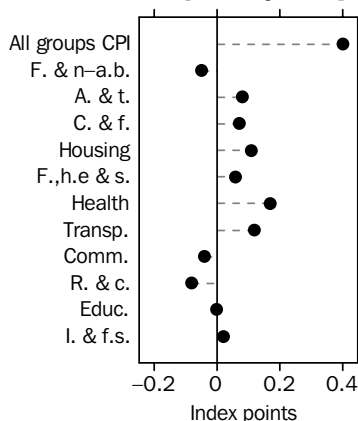
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KEY FIGURES

All Groups CPI
Quarterly change



Contribution to quarterly change



WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES

	<i>Mar Qtr 2016 to Jun Qtr 2016</i> % change	<i>Jun Qtr 2015 to Jun Qtr 2016</i> % change
All groups CPI	0.4	1.0
Food and non-alcoholic beverages	-0.3	-0.1
Alcohol and tobacco	1.0	5.9
Clothing and footwear	2.0	-0.2
Housing	0.4	1.3
Furnishings, household equipment and services	0.6	1.6
Health	2.6	4.5
Transport	1.0	-2.8
Communication	-1.5	-7.2
Recreation and culture	-0.7	0.8
Education	0.0	3.3
Insurance and financial services	0.5	2.4
CPI analytical series		
All groups CPI, seasonally adjusted	0.6	1.0
Trimmed mean	0.5	1.7
Weighted median	0.4	1.3

KEY POINTS

THE ALL GROUPS CPI

- rose 0.4% this quarter, compared with a fall of 0.2% in the March quarter 2016.
- rose 1.0% over the twelve months to the June quarter 2016, compared with a rise of 1.3% over the twelve months to the March quarter 2016.

OVERVIEW OF CPI MOVEMENTS

- The most significant price rises this quarter are medical and hospital services (+4.2%), automotive fuel (+5.9%), tobacco (+2.1%) and new dwelling purchase by owner-occupiers (+0.9%).
- The most significant offsetting price falls this quarter are domestic holiday travel and accommodation (-3.7%), motor vehicles (-1.3%) and telecommunication equipment and services (-1.5%).

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>
September 2016	26 October 2016
December 2016	25 January 2017
March 2017	26 April 2017
June 2017	26 July 2017



CHANGES IN THIS ISSUE

None this issue.

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

David W. Kalisch
Australian Statistician

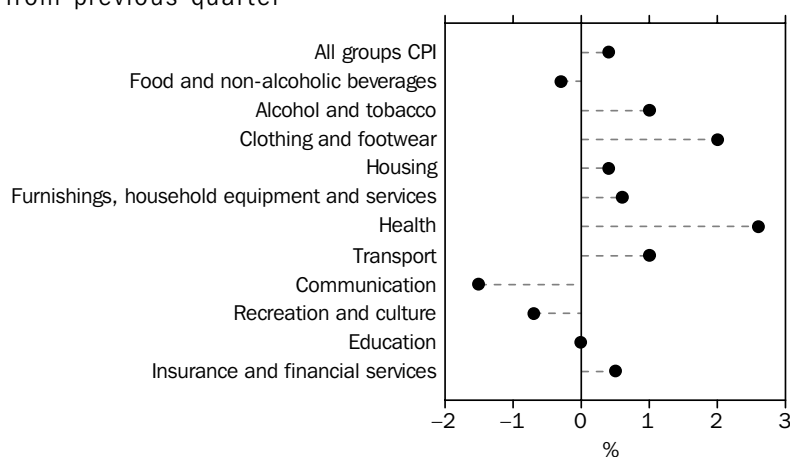
MAIN CONTRIBUTORS TO CHANGE

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 is in original terms.

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



HEALTH GROUP (+2.6%)

The main contributor to the rise in the health group this quarter is medical and hospital services (+4.2%). The rise is due to increases in private health insurance premiums from 1 April. The rise is partially offset by a fall in pharmaceutical products (-1.9%), mainly due to the cyclical effect of a greater proportion of consumers exceeding the Pharmaceutical Benefits Scheme (PBS) safety net.

Over the last twelve months, the health group rose 4.5%. The main contributor to the rise is medical and hospital services (+5.9%).

In seasonally adjusted terms, the health group rose 1.1% this quarter. The main contributor to the rise is medical and hospital services (+1.6%).

TRANSPORT GROUP (+1.0%)

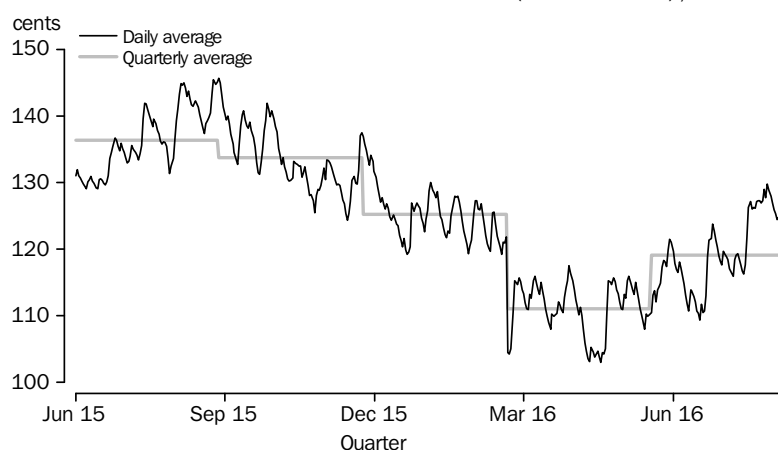
The main contributor to the rise in the transport group this quarter is automotive fuel (+5.9%). Automotive fuel rose in April (+2.8%), May (+2.3%) and June (+6.3%). All fuel types recorded increases this quarter. The rise is partially offset by a fall in motor vehicles (-1.3%).

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

MAIN CONTRIBUTORS TO CHANGE *continued*

TRANSPORT GROUP (+1.0%) *continued*

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



Over the last twelve months, the transport group fell 2.8%. The main contributor to the fall is automotive fuel (-11.6%). This is partially offset by rises in maintenance and repair of motor vehicles (+2.1%).

In seasonally adjusted terms, the transport group rose 1.2% this quarter. The main contributor to the rise is automotive fuel (+5.9%).

HOUSING GROUP (+0.4%)

The main contributor to the rise in the housing group this quarter is new dwelling purchase by owner-occupiers (+0.9%), driven by increasing material costs in some cities. Rents (+0.2%) recorded a modest rise as increasing supply of rental properties is putting downward pressure on prices in the majority of cities.

Over the last twelve months, the housing group rose 1.3%. The main contributor to the rise is new dwelling purchase by owner-occupiers (+1.9%).

In seasonally adjusted terms, the housing group rose 0.7% this quarter. The main contributor to the rise is new dwelling purchase by owner-occupiers (+0.9%).

ALCOHOL AND TOBACCO GROUP (+1.0%)

The main contributors to the rise in the alcohol and tobacco group this quarter are tobacco (+2.1%) and spirits (+0.6%). The rise in tobacco is due to flow on effects from the federal excise tax increase effective from 1 March 2016.

Over the last twelve months, the alcohol and tobacco group rose 5.9%. The main contributor to the rise is tobacco (+12.9%).

In seasonally adjusted terms, the alcohol and tobacco group rose 1.3% this quarter. The main contributor to the rise is tobacco (+2.9%).

RECREATION AND CULTURE GROUP (-0.7%)

The main contributor to the fall in the recreation and culture group this quarter is domestic holiday travel and accommodation (-3.7%). The fall in domestic holiday travel and accommodation is typical of the off peak season for domestic holiday travel.

Over the last twelve months, the recreation and culture group rose 0.8%. The main contributors to the rise are international holiday travel and accommodation (+5.3%) and other recreational, sporting and cultural services (+4.0%). This is partially offset by a fall in audio, visual and computing equipment (-8.5%).

MAIN CONTRIBUTORS TO CHANGE *continued*

RECREATION AND CULTURE GROUP (-0.7%) *continued*

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 (May for travel in June).

In seasonally adjusted terms, the recreation and culture group rose 0.6% this quarter. The main contributor to the rise is international holiday travel and accommodation (+1.4%).

CLOTHING AND FOOTWEAR GROUP (+2.0%)

The main contributors to the rise in the clothing and footwear group this quarter are garments for women (+1.7%) and footwear for women (+4.5%), due to the introduction of new season stock.

Over the last twelve months, the clothing and footwear group fell 0.2%. The main contributors to the movement are accessories (-1.9%) and garments for men (-1.1%).

In seasonally adjusted terms, the clothing and footwear group rose 0.3% this quarter.

FURNISHINGS, HOUSEHOLD EQUIPMENT AND SERVICES GROUP (+0.6%)

The main contributors to the rise in the furnishings, household equipment and services group this quarter are furniture (+2.4%) and glassware, tableware and household utensils (+1.7%) following discontinued post Christmas sales.

Over the last twelve months, the furnishings, household equipment and services group rose 1.6%. The main contributor to the rise is child care (+8.4%).

In seasonally adjusted terms, the furnishings, household equipment and services group showed no movement this quarter.

FOOD AND NON-ALCOHOLIC BEVERAGES GROUP (-0.3%)

The main contributors to the fall in the food and non-alcoholic beverages group this quarter are snacks and confectionery (-2.9%), other food products n.e.c. (-6.7%) and coffee, tea and cocoa (-5.2%). The fall is partially offset by a rise in vegetables (+2.1%).

Over the last twelve months, the food and non-alcoholic beverages group fell 0.1%. Falls in fruit (-5.5%) and poultry (-4.9%) are partially offset by rises in beef and veal (+10.9%) and take away and fast foods (+1.9%).

In seasonally adjusted terms, the food and non-alcoholic beverages group recorded a fall of 0.1%.

COMMUNICATION GROUP (-1.5%)

The main contributor to the fall in the communication group this quarter is telecommunication equipment and services (-1.5%).

Over the last twelve months, the communication group fell 7.2%. The main contributor to the fall is telecommunication equipment and services (-7.5%).

The communication group is not seasonally adjusted.

INSURANCE AND FINANCIAL SERVICES GROUP (+0.5%)

The main contributor to the rise in the insurance and financial services group this quarter is insurance (+1.4%).

Over the last twelve months, the insurance and financial services group rose 2.4%. The main contributor to the rise is insurance (+6.3%).

MAIN CONTRIBUTORS TO CHANGE *continued*

INSURANCE AND FINANCIAL SERVICES GROUP (+0.5%) *continued*

In seasonally adjusted terms, the insurance and financial services group rose 0.6% this quarter. The main contributor to the rise is insurance (+1.8%).

EDUCATION GROUP (+0.0%)

The education group recorded no change this quarter.

Over the last twelve months, the education group rose 3.3%. The main contributor to the rise is secondary education (+4.6%).

In seasonally adjusted terms, the education group rose 1.3% this quarter.

INTERNATIONAL TRADE EXPOSURE - TRADABLES AND NON-TRADABLES

The tradables component (see Table 8) of the All groups CPI rose 0.6% this quarter. 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 contributor to the 0.6% rise in the tradable goods component is automotive fuel. The most significant offsetting fall in the tradable goods component is motor vehicles. The rise in the tradable services component of 0.4% is driven by international holiday travel and accommodation.

The non-tradables component of the All groups CPI rose 0.4% this quarter. 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 most significant contributors to the 0.4% rise in the non-tradable goods component is new dwelling purchase by owner-occupiers. The rise in the non-tradable services component of 0.3% is driven by medical and hospital services. The most significant offsetting fall in the non-tradable services component is domestic holiday travel and accommodation.

Over the last twelve months, the tradables component recorded no movement, while the non-tradables component rose 1.6%. This compares to a rise of 0.6% and a rise of 1.7% respectively over the twelve months to the previous quarter.

In seasonally adjusted terms, the tradables component of the All groups CPI rose 0.6% this quarter, while the non-tradables component rose 0.6%.

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

The All groups CPI seasonally adjusted rose 0.6% this quarter, compared to the original All groups CPI which recorded a rise of 0.4%.

The trimmed mean rose 0.5% this quarter, compared to a rise of 0.2% in the March quarter 2016. Over the last twelve months, the trimmed mean rose 1.7%, compared to a rise of 1.7% over the twelve months to the March quarter 2016.

The weighted median rose 0.4% this quarter, compared to a rise of 0.1% in the March quarter 2016. Over the last twelve months, the weighted median rose 1.3%, compared to a revised rise of 1.3% over the twelve months to the March quarter 2016.

MAIN CONTRIBUTORS TO CHANGE *continued*

SEASONALLY ADJUSTED

ANALYTICAL SERIES

continued

	ORIGINAL	SEASONALLY ADJUSTED
	Mar Qtr 2016 to Jun Qtr 2016	Mar Qtr 2016 to Jun Qtr 2016
	%	%
All groups CPI	0.4	0.6
Food and non-alcoholic beverages	-0.3	-0.1
Alcohol and tobacco	1.0	1.3
Clothing and footwear	2.0	0.3
Housing	0.4	0.7
Furnishings, household equipment and services	0.6	0.0
Health	2.6	1.1
Transport	1.0	1.2
Communication(a)	-1.5	-1.5
Recreation and culture	-0.7	0.6
Education	0.0	1.3
Insurance and financial services	0.5	0.6
International trade exposure series		
Tradables	0.6	0.6
Non-tradables	0.4	0.6

(a) not seasonally adjusted

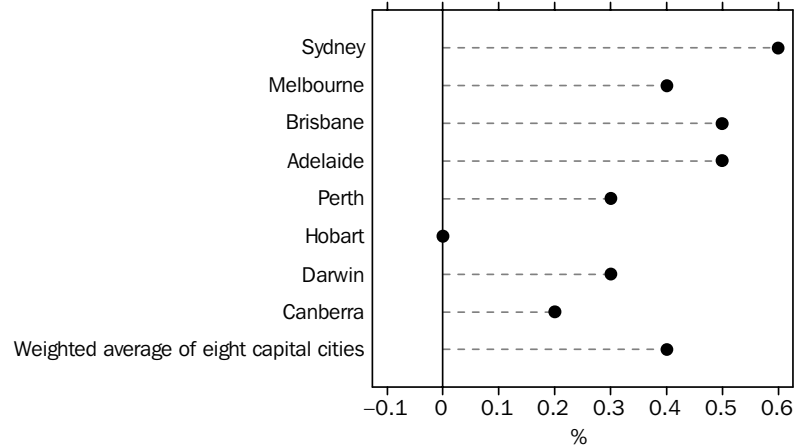
A detailed explanation of the seasonal adjustment of the All Groups CPI and calculation of the trimmed mean and weighted median measures is available in *Information Paper: Seasonal Adjustment of Consumer Price Indexes, 2011* (cat. no. 6401.0.55.003) available on the ABS website. Revisions to the seasonally 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 seven out of eight capital cities this quarter.

The health group (+2.6%) is the most significant positive contributor to the All groups quarterly movement, with rises across all eight capital cities. This is driven by rises in medical and hospital services (+4.2%) due to increases in private health insurance premiums from 1 April 2016.

The transport group (+1.0%) is the second most significant positive contributor to the All groups quarterly movement, with rises in five of the eight capital cities. The rise is driven by increases in automotive fuel (+5.9%) in Sydney, Melbourne, Brisbane, Adelaide and Perth, while Darwin, Hobart and Canberra recorded partially offsetting falls. A number of factors are contributing to the rise in fuel prices this quarter, including a recovery of world oil prices after hitting 12-year lows in the March quarter 2016.

The housing group (+0.4%) is the third most significant positive contributor to the All groups quarterly movement, with rises in five of the eight capital cities. The rise is driven by an increase in new dwelling purchase by owner-occupiers (+0.9%) and is due to increasing costs of materials in some cities.

The most significant offsetting negative contributor to the All groups quarterly movement is the recreation and culture group (-0.7%). The fall is driven by domestic holiday travel and accommodation (-3.7%) which is due to seasonal falls in domestic travel.

Annually, the All groups CPI has risen in seven out of eight capital cities with Brisbane (+1.5%) and Melbourne (+1.4%) recording the largest positive movements.

CAPITAL CITIES COMPARISON *continued*

ALL GROUPS CPI *continued*

ALL GROUPS CPI, All groups index numbers and percentage changes

	INDEX NUMBER(a)	PERCENTAGE CHANGE	
	<i>Jun Qtr 2016</i>	<i>Mar Qtr 2016 to Jun Qtr 2016</i>	<i>Jun Qtr 2015 to Jun Qtr 2016</i>
Sydney	109.3	0.6	0.9
Melbourne	108.6	0.4	1.4
Brisbane	109.0	0.5	1.5
Adelaide	107.5	0.5	0.7
Perth	108.2	0.3	0.5
Hobart	106.4	0.0	1.2
Darwin	108.3	0.3	0.0
Canberra	106.4	0.2	0.8
Weighted average of eight capital cities	108.6	0.4	1.0

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

SYDNEY (+0.6%)

The main contributors to the rise in Sydney this quarter are automotive fuel (+7.5%), medical and hospital services (+4.4%) and new dwelling purchase by owner-occupiers (+1.5%). The rise in new dwelling purchase by owner-occupiers is due to a rise in the costs of materials. The rise is partially offset by falls in domestic holiday travel and accommodation (-4.0%) and motor vehicles (-2.4%). The fall in motor vehicles is due to end of the financial year sales.

MELBOURNE (+0.4%)

The main contributors to the rise in Melbourne this quarter are automotive fuel (+7.8%), medical and hospital services (+4.1%) and new dwelling purchase by owner-occupiers (+0.9%). The rise is partially offset by falls in domestic holiday travel and accommodation (-4.9%) and snacks and confectionery (-3.4%). The rise for automotive fuel in Melbourne is the highest across the capital cities this quarter.

BRISBANE (+0.5%)

The main contributors to the rise in Brisbane this quarter are medical and hospital services (+4.1%), automotive fuel (+5.3%) and new dwelling purchase by owner-occupiers (+0.9%). The most significant offsetting falls are domestic holiday travel and accommodation (-3.5%) and motor vehicles (-1.9%).

ADELAIDE (+0.5%)

The main contributors to the rise in Adelaide this quarter are medical and hospital services (+5.3%), automotive fuel (+5.1%) and furniture (+5.6%). The movement is partially offset by falls in electricity (-4.7%), domestic holiday travel and accommodation (-2.4%) and motor vehicles (-2.4%). The fall in electricity is due to the seasonal switch to off-peak pricing from 1 April.

PERTH (+0.3%)

The main contributors to the rise in Perth this quarter are medical and hospital services (+3.6%), tobacco (+2.7%) and automotive fuel (+1.6%). The movement is partially offset by falls in vegetables (-3.6%), telecommunication equipment and services (-1.5%) and rents (-0.7%). The fall in rents is due to a continuation of high vacancy rates.

CAPITAL CITIES COMPARISON *continued*

HOBART (0.0%)

Hobart recorded no movement this quarter. Rises in medical and hospital services (+5.7%), tobacco (+1.5%) and rents (+1.0%) were offset by falls in domestic holiday travel and accommodation (-10.3%) and motor vehicles (-3.5%). The fall in domestic holiday travel and accommodation is due to the off-peak tourist season.

DARWIN (+0.3%)

The main contributors to the rise in Darwin this quarter are medical and hospital services (+5.4%), tobacco (+3.0%) and domestic holiday travel and accommodation (+3.1%). The rise in domestic holiday travel and accommodation is due to the beginning of the Northern Territory peak tourist season. The rise is partially offset by falls in rents (-2.0%) and automotive fuel (-3.6%). The fall in rents is due to a continuation of high vacancy rates across the city.

CANBERRA (+0.2%)

The main contributors to the rise in Canberra this quarter are medical and hospital services (+3.4%), tobacco (+4.0%) and garments for women (+5.1%). The rise is partially offset by falls in domestic holiday travel and accommodation (-3.9%) and motor vehicles (-3.4%).

LIST OF TABLES

page

CONSUMER PRICE INDEX

1	All groups CPI, index numbers	12
2	All groups CPI, percentage changes	13
3	CPI groups, weighted average of eight capital cities, index numbers	14
4	CPI groups, weighted average of eight capital cities, percentage changes	16
5	CPI groups, index numbers	18
6	Contribution to change in All groups CPI	21
7	CPI group, sub-group and expenditure class, weighted average of eight capital cities	24
8	Analytical series, weighted average of eight capital cities	27

ADDITIONAL CPI TABLES AVAILABLE ON ABS WEBSITE

9	CPI group, sub-group and expenditure class, index numbers by capital city	
10	CPI group, sub-group and expenditure class, percentage change from corresponding quarter of previous year by capital city	
11	CPI group, sub-group and expenditure class, percentage change from previous quarter by capital city	
12	CPI group, sub-group and expenditure class, points contribution by capital city	
13	CPI group, expenditure class and selected analytical series index numbers, seasonally adjusted, weighted average of eight capital cities	
14	CPI expenditure class, combined seasonal adjustment factors, weighted average of eight capital cities	

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>
2012-13	102.6	102.2	102.0	102.1	102.2	101.2	103.1	101.9	102.3
2013-14	105.2	105.0	104.9	104.7	105.3	103.7	106.9	104.2	105.0
2014-15	107.3	106.5	106.8	106.3	107.2	104.9	108.4	105.3	106.8
2015-16	108.9	108.2	108.5	107.2	108.2	106.3	108.5	106.1	108.3
2012									
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									
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
2014									
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
December	106.8	106.3	106.7	106.2	107.0	104.7	108.5	105.3	106.6
2015									
March	107.3	106.4	106.7	106.3	107.1	105.0	108.3	105.2	106.8
June	108.3	107.1	107.4	106.8	107.7	105.1	108.3	105.6	107.5
September	108.6	107.6	108.1	107.1	108.1	105.7	108.7	105.8	108.0
December	108.9	108.3	108.5	107.3	108.6	106.6	109.0	106.0	108.4
2016									
March	108.7	108.2	108.5	107.0	107.9	106.4	108.0	106.2	108.2
June	109.3	108.6	109.0	107.5	108.2	106.4	108.3	106.4	108.6

(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)									
2012-13	2.6	2.2	2.0	2.1	2.2	1.2	3.1	1.9	2.3
2013-14	2.5	2.7	2.8	2.5	3.0	2.5	3.7	2.3	2.6
2014-15	2.0	1.4	1.8	1.5	1.8	1.2	1.4	1.1	1.7
2015-16	1.5	1.6	1.6	0.8	0.9	1.3	0.1	0.8	1.4
PERCENTAGE CHANGE (from corresponding quarter of previous year)									
2012									
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
2013									
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
2014									
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
December	1.7	1.4	2.0	1.7	2.0	1.1	1.9	1.2	1.7
2015									
March	1.6	1.0	1.4	1.1	1.4	0.9	0.8	0.6	1.3
June	2.2	1.1	1.5	1.2	1.2	0.6	0.2	0.8	1.5
September	1.9	1.4	1.5	1.1	1.1	1.1	0.4	0.6	1.5
December	2.0	1.9	1.7	1.0	1.5	1.8	0.5	0.7	1.7
2016									
March	1.3	1.7	1.7	0.7	0.7	1.3	-0.3	1.0	1.3
June	0.9	1.4	1.5	0.7	0.5	1.2	0.0	0.8	1.0
PERCENTAGE CHANGE (from previous quarter)									
2012									
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
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
2014									
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
December	0.2	0.2	0.2	0.3	0.1	0.1	0.2	0.1	0.2
2015									
March	0.5	0.1	0.0	0.1	0.1	0.3	-0.2	-0.1	0.2
June	0.9	0.7	0.7	0.5	0.6	0.1	0.0	0.4	0.7
September	0.3	0.5	0.7	0.3	0.4	0.6	0.4	0.2	0.5
December	0.3	0.7	0.4	0.2	0.5	0.9	0.3	0.2	0.4
2016									
March	-0.2	-0.1	0.0	-0.3	-0.6	-0.2	-0.9	0.2	-0.2
June	0.6	0.4	0.5	0.5	0.3	0.0	0.3	0.2	0.4

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>
2012-13	100.5	103.9	99.5	104.9	100.8	106.9
2013-14	101.8	110.0	99.3	109.0	101.5	111.6
2014-15	103.9	116.7	97.9	111.7	102.5	116.5
2015-16	104.1	123.5	97.5	113.9	104.3	122.1
2012						
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
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
2014						
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
December	103.9	116.4	98.2	111.2	102.6	114.0
2015						
March	104.1	117.3	96.9	112.1	102.1	116.9
June	103.9	118.7	98.2	112.9	103.1	120.1
September	104.0	120.2	97.1	113.6	103.9	120.5
December	104.3	123.4	98.7	113.7	104.5	120.0
2016						
March	104.1	124.5	96.1	114.0	104.1	122.3
June	103.8	125.7	98.0	114.4	104.7	125.5

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

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

<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>
2012–13	101.1	101.7	99.1	105.9	102.8	102.3
2013–14	103.5	103.0	101.4	111.6	104.5	105.0
2014–15	100.8	99.7	102.8	117.6	106.3	106.8
2015–16	99.1	93.7	103.7	122.7	108.6	108.3
2012						
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
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
2014						
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
December	101.1	100.5	103.0	114.5	106.4	106.6
2015						
March	97.7	99.1	103.7	120.6	106.6	106.8
June	101.0	98.5	102.3	120.6	106.9	107.5
September	101.1	96.5	103.1	120.8	107.4	108.0
December	99.7	94.2	104.8	120.8	108.3	108.4
2016						
March	97.2	92.8	103.8	124.6	109.0	108.2
June	98.2	91.4	103.1	124.6	109.5	108.6

(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)						
2012-13	0.5	3.9	-0.5	4.9	0.8	6.9
2013-14	1.3	5.9	-0.2	3.9	0.7	4.4
2014-15	2.1	6.1	-1.4	2.5	1.0	4.4
2015-16	0.2	5.8	-0.4	2.0	1.8	4.8
PERCENTAGE CHANGE (from corresponding quarter of previous year)						
2012						
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
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
2014						
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
December	2.0	7.4	-1.5	2.4	0.5	4.4
2015						
March	1.9	5.2	-0.7	2.7	1.5	4.4
June	1.3	4.8	-0.9	2.5	1.4	4.3
September	0.2	5.0	-1.0	2.7	1.8	4.8
December	0.4	6.0	0.5	2.2	1.9	5.3
2016						
March	0.0	6.1	-0.8	1.7	2.0	4.6
June	-0.1	5.9	-0.2	1.3	1.6	4.5
PERCENTAGE CHANGE (from previous quarter)						
2012						
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
2013						
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
2014						
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
December	0.1	1.7	0.1	0.5	0.5	-0.9
2015						
March	0.2	0.8	-1.3	0.8	-0.5	2.5
June	-0.2	1.2	1.3	0.7	1.0	2.7
September	0.1	1.3	-1.1	0.6	0.8	0.3
December	0.3	2.7	1.6	0.1	0.6	-0.4
2016						
March	-0.2	0.9	-2.6	0.3	-0.4	1.9
June	-0.3	1.0	2.0	0.4	0.6	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 previous financial year)						
2012-13	1.1	1.7	-0.9	5.9	2.8	2.3
2013-14	2.4	1.3	2.3	5.4	1.7	2.6
2014-15	-2.6	-3.2	1.4	5.4	1.7	1.7
2015-16	-1.7	-6.0	0.9	4.3	2.2	1.4

	<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)						
2012						
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
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
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
2014						
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
December	-1.9	-3.0	0.8	5.2	2.0	1.7
2015						
March	-6.2	-4.5	2.0	5.4	1.8	1.3
June	-2.4	-3.4	0.9	5.4	2.1	1.5
September	-2.2	-4.1	1.1	5.5	2.0	1.5
December	-1.4	-6.3	1.7	5.5	1.8	1.7
2016						
March	-0.5	-6.4	0.1	3.3	2.3	1.3
June	-2.8	-7.2	0.8	3.3	2.4	1.0

	<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)						
2012						
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						
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
2014						
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
December	-2.2	-0.1	1.0	0.0	1.0	0.2
2015						
March	-3.4	-1.4	0.7	5.3	0.2	0.2
June	3.4	-0.6	-1.4	0.0	0.3	0.7
September	0.1	-2.0	0.8	0.2	0.5	0.5
December	-1.4	-2.4	1.6	0.0	0.8	0.4
2016						
March	-2.5	-1.5	-1.0	3.1	0.6	-0.2
June	1.0	-1.5	-0.7	0.0	0.5	0.4

CPI GROUPS, Index numbers(a)

Quarters	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	Weighted average of eight capital cities
FOOD AND NON-ALCOHOLIC BEVERAGES									
2014									
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
December	104.2	103.9	103.9	103.4	103.2	103.9	104.6	104.0	103.9
2015									
March	104.8	103.8	104.3	103.8	103.1	103.8	104.3	104.2	104.1
June	104.7	103.7	103.5	103.3	103.3	102.4	103.5	103.3	103.9
September	104.5	104.3	103.7	103.3	102.6	102.5	103.6	103.4	104.0
December	104.9	104.2	104.3	103.7	103.2	103.0	104.6	103.6	104.3
2016									
March	104.7	103.8	104.4	103.1	103.4	102.9	104.4	103.7	104.1
June	104.4	103.9	103.9	102.9	102.5	102.8	103.9	103.4	103.8
ALCOHOL AND TOBACCO									
2014									
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
December	115.2	116.4	117.8	118.2	116.3	117.2	114.8	116.5	116.4
2015									
March	116.0	117.5	118.6	118.4	117.7	117.6	115.0	117.2	117.3
June	117.4	118.9	119.6	119.8	119.8	118.8	115.6	118.6	118.7
September	119.0	119.9	121.5	121.6	121.3	120.4	117.2	119.7	120.2
December	121.4	123.2	125.9	124.6	125.1	124.8	121.3	121.7	123.4
2016									
March	122.7	124.4	126.4	126.0	125.9	125.7	122.0	122.8	124.5
June	124.2	124.7	127.8	127.4	127.7	126.8	123.7	124.4	125.7
CLOTHING AND FOOTWEAR									
2014									
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
December	94.4	97.3	101.9	99.7	105.3	101.8	98.7	96.3	98.2
2015									
March	93.5	94.9	101.5	96.4	105.7	101.5	98.1	93.9	96.9
June	95.8	95.5	101.7	99.5	106.0	101.4	99.7	97.9	98.2
September	94.3	94.8	102.1	96.4	104.8	100.0	96.8	95.6	97.1
December	94.6	97.8	104.0	98.0	106.4	102.0	98.5	95.4	98.7
2016									
March	91.6	95.5	103.7	95.0	102.8	96.3	94.4	91.7	96.1
June	93.7	97.8	104.4	96.4	104.9	97.4	96.5	95.0	98.0
HOUSING									
2014									
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
December	112.6	109.7	112.4	110.0	112.4	101.7	112.4	106.4	111.2
2015									
March	113.6	110.7	112.7	112.0	112.5	102.1	113.3	105.9	112.1
June	114.9	111.9	113.3	110.8	112.8	102.6	113.4	105.4	112.9
September	115.1	113.2	114.3	110.6	113.7	104.5	113.3	106.1	113.6
December	115.4	113.3	114.4	110.7	113.4	104.9	112.9	106.2	113.7
2016									
March	115.9	113.9	114.6	111.7	111.7	105.7	111.5	106.9	114.0
June	116.7	114.5	115.1	111.2	111.5	106.0	110.8	107.0	114.4

(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									
2014									
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
December	103.0	102.0	103.0	101.2	102.7	100.6	105.5	105.1	102.6
2015									
March	102.7	101.4	102.3	99.7	102.1	101.2	105.5	105.7	102.1
June	103.3	102.7	104.3	100.9	102.8	101.9	106.3	107.4	103.1
September	104.5	102.9	104.7	102.4	103.8	102.4	106.9	107.5	103.9
December	104.5	103.8	105.7	102.6	105.0	102.4	107.3	108.3	104.5
2016									
March	104.4	103.0	105.7	101.8	104.3	101.3	106.9	108.2	104.1
June	104.8	103.7	106.9	103.3	104.7	101.7	108.0	108.7	104.7
HEALTH									
2014									
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
December	114.2	113.7	113.8	116.3	112.8	114.9	111.8	112.8	114.0
2015									
March	116.9	117.1	117.6	117.7	115.8	117.5	114.1	116.5	116.9
June	120.2	120.3	120.7	121.1	118.5	121.5	117.1	118.5	120.1
September	120.7	120.7	120.5	121.3	118.8	121.9	117.7	119.5	120.5
December	120.3	120.3	119.7	120.9	118.3	121.7	117.8	118.4	120.0
2016									
March	122.7	123.0	122.6	122.1	120.4	123.7	118.3	121.5	122.3
June	125.8	126.1	125.9	126.5	122.9	128.0	122.1	124.2	125.5
TRANSPORT									
2014									
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
December	99.3	102.9	100.3	101.8	101.2	102.6	106.1	102.1	101.1
2015									
March	96.5	99.0	96.5	98.2	98.2	98.7	103.6	98.9	97.7
June	100.4	101.8	99.8	102.0	100.5	101.7	104.3	101.8	101.0
September	100.7	101.3	99.6	102.4	101.8	102.9	103.8	101.7	101.1
December	99.2	100.6	97.9	100.8	99.8	101.3	103.3	100.4	99.7
2016									
March	95.6	98.4	96.0	98.0	97.6	99.9	101.4	99.7	97.2
June	96.9	100.2	96.9	98.7	97.9	98.6	101.0	98.5	98.2
COMMUNICATION									
2014									
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
December	100.4	100.5	100.6	100.5	100.1	100.5	100.4	100.5	100.5
2015									
March	99.1	99.2	99.3	99.1	98.8	99.2	99.0	99.2	99.1
June	98.5	98.6	98.7	98.5	98.1	98.6	98.4	98.5	98.5
September	96.5	96.6	96.7	96.6	96.2	96.4	96.3	96.5	96.5
December	94.2	94.3	94.4	94.3	93.9	94.2	94.1	94.2	94.2
2016									
March	92.8	92.9	92.9	92.8	92.4	92.7	92.6	92.7	92.8
June	91.4	91.5	91.6	91.4	91.0	91.5	91.3	91.5	91.4

(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									
2014									
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
December	103.2	103.3	102.4	101.5	103.4	101.2	107.9	103.7	103.0
2015									
March	103.9	104.6	102.4	101.8	103.5	103.7	105.0	104.2	103.7
June	102.6	102.3	101.8	100.8	102.7	100.1	102.5	102.7	102.3
September	103.3	103.1	103.4	101.9	103.0	100.0	106.0	103.3	103.1
December	104.8	105.5	104.4	103.0	104.6	103.4	105.4	105.3	104.8
2016									
March	104.0	104.8	103.1	101.5	103.4	102.9	102.0	104.5	103.8
June	103.2	103.3	102.9	101.7	104.0	100.4	103.8	104.0	103.1
EDUCATION									
2014									
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
December	113.7	113.9	116.1	115.2	116.5	114.9	113.8	112.1	114.5
2015									
March	123.7	118.6	120.0	119.8	121.5	118.0	118.8	115.4	120.6
June	123.8	118.6	120.0	119.8	121.5	118.0	118.8	115.5	120.6
September	123.9	118.7	120.1	120.0	121.8	118.0	118.9	115.6	120.8
December	123.9	118.7	120.1	120.0	121.8	118.0	118.9	115.6	120.8
2016									
March	127.5	123.1	123.9	123.3	125.3	121.1	122.9	119.3	124.6
June	127.5	123.1	124.0	123.3	125.3	121.1	122.9	119.3	124.6
INSURANCE AND FINANCIAL SERVICES									
2014									
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
December	109.8	106.3	101.3	104.3	106.7	109.8	108.1	100.3	106.4
2015									
March	110.2	105.9	101.0	104.8	107.7	109.9	108.3	100.6	106.6
June	110.6	106.7	101.0	104.4	107.9	109.9	108.5	101.3	106.9
September	110.9	107.1	103.1	105.3	107.5	110.5	109.4	99.2	107.4
December	111.6	108.7	102.4	106.2	109.2	111.1	109.8	99.5	108.3
2016									
March	112.3	109.3	103.4	106.6	110.1	112.5	110.8	100.1	109.0
June	113.1	109.5	103.7	107.0	110.5	113.0	111.0	100.4	109.5

(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>
Food and non-alcoholic beverages	-0.05	0.02	-0.07	-0.03	-0.15	-0.02	-0.07	-0.04	-0.05
Bread and cereal products	-0.01	-0.01	0.00	-0.01	-0.03	-0.01	-0.01	0.00	-0.01
Bread	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Cakes and biscuits	-0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01
Breakfast cereals	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.01	0.00
Other cereal products	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	0.00	-0.01
Meat and seafoods	-0.01	0.00	-0.02	-0.01	0.00	0.01	-0.01	-0.02	-0.01
Beef and veal	0.00	0.00	-0.01	0.01	0.00	0.01	-0.01	0.00	0.00
Pork	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01
Lamb and goat	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
Poultry	-0.02	-0.01	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01
Other meats	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	-0.01
Fish and other seafood	0.00	0.01	0.00	0.00	0.01	0.02	0.01	0.00	0.00
Dairy and related products	0.01	0.00	0.01	0.00	-0.01	0.01	-0.01	0.01	0.00
Milk	-0.01	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00
Cheese	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ice cream and other dairy products	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Fruit and vegetables	0.03	0.09	0.00	0.05	-0.03	-0.01	0.01	0.04	0.04
Fruit	-0.01	0.02	-0.01	0.02	0.03	0.02	0.00	0.01	0.01
Vegetables	0.04	0.07	0.01	0.03	-0.06	-0.03	0.02	0.03	0.03
Food products n.e.c.	-0.06	-0.07	-0.07	-0.08	-0.06	-0.04	-0.07	-0.06	-0.06
Eggs	0.00	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00
Jams, honey and spreads	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00
Food additives and condiments	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.01	-0.01	0.00
Oils and fats	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00
Snacks and confectionery	-0.03	-0.04	-0.03	-0.03	-0.02	-0.01	-0.03	-0.03	-0.03
Other food products n.e.c.	-0.03	-0.03	-0.03	-0.04	-0.04	-0.02	-0.03	-0.03	-0.03
Non-alcoholic beverages	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01
Coffee, tea and cocoa	-0.02	-0.01	-0.03	-0.01	-0.02	-0.02	-0.01	-0.01	-0.02
Waters, soft drinks and juices	0.00	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01
Meals out and take away foods	0.00	0.01	0.01	0.02	-0.03	0.02	0.01	0.02	0.00
Restaurant meals	0.01	0.01	0.00	0.01	-0.01	0.01	0.01	0.03	0.01
Take away and fast foods	0.00	0.00	0.01	0.00	-0.02	0.01	0.00	-0.01	-0.01
Alcohol and tobacco	0.10	0.02	0.10	0.10	0.14	0.09	0.15	0.10	0.08
Alcoholic beverages	0.00	-0.03	0.03	0.02	0.04	0.01	0.02	-0.01	0.01
Spirits	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01
Wine	0.00	-0.03	0.03	0.01	0.00	0.00	0.00	-0.03	0.00
Beer	0.01	0.00	0.00	0.01	0.02	0.00	0.00	0.01	0.01
Tobacco	0.10	0.04	0.07	0.08	0.11	0.07	0.13	0.12	0.08
Tobacco	0.10	0.04	0.07	0.08	0.11	0.07	0.13	0.12	0.08
Clothing and footwear	0.08	0.09	0.03	0.06	0.08	0.05	0.08	0.13	0.07
Garments	0.04	0.06	0.02	0.02	0.07	0.00	0.04	0.10	0.04
Garments for men	-0.01	0.02	0.02	0.00	0.02	0.03	0.02	0.02	0.01
Garments for women	0.03	0.02	0.00	0.01	0.04	-0.03	0.01	0.06	0.02
Garments for infants and children	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.02	0.01
Footwear	0.03	0.02	0.00	0.03	0.02	0.03	0.02	0.04	0.03
Footwear for men	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01
Footwear for women	0.02	0.01	0.01	0.02	0.02	0.03	0.02	0.03	0.02
Footwear for infants and children	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.01
Accessories and clothing services	0.01	0.00	-0.01	0.02	-0.01	0.01	0.02	0.00	0.00
Accessories	0.01	0.01	-0.01	0.01	-0.01	0.01	0.02	0.00	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>
Housing	0.21	0.13	0.11	-0.09	-0.05	0.07	-0.18	0.03	0.11
Rents	0.04	0.03	0.01	0.01	-0.04	0.05	-0.19	-0.01	0.02
Rents	0.04	0.03	0.01	0.01	-0.04	0.05	-0.19	-0.01	0.02
New dwelling purchase by owner-occupiers	0.15	0.09	0.09	0.03	-0.01	0.01	0.02	0.03	0.08
New dwelling purchase by owner-occupiers	0.15	0.09	0.09	0.03	-0.01	0.01	0.02	0.03	0.08
Other housing	0.02	0.00	0.01	0.02	0.01	0.01	0.00	0.00	0.01
Maintenance and repair of the dwelling	0.02	0.00	0.01	0.02	0.01	0.01	0.00	0.01	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	0.01	0.00	-0.15	0.00	0.00	0.00	0.00	-0.01
Water and sewerage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	-0.01
Gas and other household fuels	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Furnishings, household equipment and services	0.03	0.05	0.11	0.14	0.04	0.03	0.09	0.05	0.06
Furniture and furnishings	0.04	0.04	0.03	0.09	0.01	0.04	0.02	0.04	0.04
Furniture	0.05	0.04	0.03	0.09	0.01	0.04	0.03	0.03	0.04
Carpets and other floor coverings	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Household textiles	-0.01	-0.01	0.01	0.00	-0.01	0.00	-0.02	0.01	-0.01
Household textiles	-0.01	-0.01	0.01	0.00	-0.01	0.00	-0.02	0.01	-0.01
Household appliances, utensils and tools	0.01	0.01	0.02	0.04	0.02	-0.02	0.03	-0.02	0.01
Major household appliances	0.01	0.01	0.01	0.00	0.01	0.01	0.02	0.00	0.01
Small electric household appliances	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	-0.01	0.00
Glassware, tableware and household utensils	0.00	0.00	0.01	0.02	0.02	-0.02	0.00	-0.02	0.01
Tools and equipment for house and garden	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
Non-durable household products	-0.02	0.01	0.01	-0.01	0.00	0.01	-0.01	0.02	0.00
Cleaning and maintenance products	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00
Personal care products	-0.01	-0.01	0.00	-0.02	-0.01	0.00	-0.02	0.00	-0.01
Other non-durable household products	-0.01	0.01	0.01	0.01	0.01	0.03	0.02	0.01	0.01
Domestic and household services	0.01	0.01	0.03	0.02	0.00	0.01	0.05	0.01	0.02
Child care	0.01	0.01	0.02	0.01	0.00	0.00	0.04	0.01	0.01
Hairdressing and personal grooming services	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01
Other household services	0.01	0.01	0.00	0.01	0.00	0.00	0.01	-0.01	0.01
Health	0.17	0.15	0.18	0.25	0.15	0.24	0.15	0.16	0.17
Medical products, appliances and equipment	-0.03	-0.02	-0.01	-0.02	-0.02	-0.03	-0.01	-0.02	-0.03
Pharmaceutical products	-0.03	-0.02	-0.02	-0.02	-0.02	-0.03	-0.01	-0.02	-0.02
Therapeutic appliances and equipment	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Medical, dental and hospital services	0.19	0.17	0.19	0.27	0.17	0.26	0.17	0.18	0.19
Medical and hospital services	0.19	0.17	0.18	0.28	0.17	0.26	0.18	0.17	0.19
Dental services	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Transport	0.14	0.21	0.10	0.08	0.03	-0.14	-0.05	-0.15	0.12
Private motoring	0.14	0.21	0.10	0.07	0.03	-0.15	-0.06	-0.15	0.12
Motor vehicles	-0.07	0.00	-0.06	-0.07	0.00	-0.11	0.00	-0.13	-0.05
Spare parts and accessories for motor vehicles	0.00	-0.02	0.02	-0.01	0.00	-0.01	0.07	-0.01	0.00
Automotive fuel	0.20	0.24	0.14	0.15	0.04	-0.02	-0.08	-0.01	0.16
Maintenance and repair of motor vehicles	0.00	0.00	-0.01	0.00	-0.01	0.00	-0.03	0.00	0.00
Other services in respect of motor vehicles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban transport fares	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban transport fares	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>
Communication	-0.04	-0.04	-0.04	-0.05	-0.05	-0.03	-0.04	-0.03	-0.04
Communication	-0.04	-0.04	-0.04	-0.05	-0.05	-0.03	-0.04	-0.03	-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	-0.04	-0.04	-0.04	-0.05	-0.05	-0.04	-0.04	-0.03	-0.04
Recreation and culture	-0.10	-0.18	-0.02	0.03	0.08	-0.36	0.21	-0.07	-0.08
Audio, visual and computing equipment and services	0.01	-0.02	0.00	0.04	0.01	0.00	0.02	0.00	0.01
Audio, visual and computing equipment	-0.01	-0.02	-0.01	0.01	0.01	-0.01	0.01	-0.01	-0.01
Audio, visual and computing media and services	0.02	0.00	0.01	0.03	-0.01	0.01	0.00	0.00	0.01
Newspapers, books and stationery	0.00	-0.01	0.00	0.00	0.02	0.01	0.00	0.01	0.00
Books	-0.01	-0.01	0.00	0.00	0.01	-0.01	0.00	0.00	0.00
Newspapers, magazines and stationery	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
Holiday travel and accommodation	-0.11	-0.17	-0.03	-0.03	0.02	-0.41	0.13	-0.13	-0.10
Domestic holiday travel and accommodation	-0.11	-0.16	-0.08	-0.07	0.01	-0.44	0.10	-0.15	-0.11
International holiday travel and accommodation	0.00	-0.03	0.04	0.04	0.01	0.03	0.03	0.02	0.01
Other recreation, sport and culture	0.00	0.02	0.01	0.03	0.04	0.03	0.07	0.06	0.01
Equipment for sports, camping and open-air recreation	-0.01	0.00	-0.02	0.00	0.01	0.01	-0.01	0.01	0.00
Games, toys and hobbies	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.01
Pets and related products	0.02	0.01	0.02	0.02	0.02	0.02	0.01	0.02	0.01
Veterinary and other services for pets	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.01
Sports participation	0.00	0.00	0.01	0.01	0.00	0.00	0.04	0.01	0.01
Other recreational, sporting and cultural services	0.01	0.01	0.01	0.00	0.01	0.02	0.04	0.02	0.01
Education	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
Education	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
Preschool and primary education	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.05	0.01	0.02	0.02	0.01	0.03	0.01	0.02	0.02
Insurance	0.04	0.01	0.03	0.02	0.00	0.00	0.01	0.01	0.02
Insurance	0.04	0.01	0.03	0.02	0.00	0.00	0.01	0.01	0.02
Financial services	0.01	0.00	-0.02	0.00	0.01	0.02	0.01	0.01	0.00
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	0.01	0.00	-0.01	-0.01	0.01	0.02	0.00	0.01	0.01
All groups CPI	0.6	0.4	0.5	0.5	0.3	0.0	0.3	0.2	0.4

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 2015	Mar Qtr 2016	Jun Qtr 2016	Mar Qtr 2016 to Jun Qtr 2016	Jun Qtr 2015 to Jun Qtr 2016	Mar Qtr 2016	Jun Qtr 2016	Mar Qtr 2016 to Jun Qtr 2016
Food and non-alcoholic beverages	103.9	104.1	103.8	-0.3	-0.1	17.00	16.95	-0.05
Bread and cereal products	100.0	98.7	98.0	-0.7	-2.0	1.67	1.66	-0.01
Bread	96.1	96.0	96.5	0.5	0.4	0.55	0.55	0.00
Cakes and biscuits	103.8	102.5	102.0	-0.5	-1.7	0.75	0.74	-0.01
Breakfast cereals	100.3	94.0	92.3	-1.8	-8.0	0.17	0.17	0.00
Other cereal products	96.9	96.5	93.3	-3.3	-3.7	0.20	0.19	-0.01
Meat and seafoods	106.9	109.8	109.5	-0.3	2.4	2.46	2.45	-0.01
Beef and veal	111.7	123.9	123.9	0.0	10.9	0.48	0.48	0.00
Pork	108.9	112.3	111.3	-0.9	2.2	0.40	0.39	-0.01
Lamb and goat	94.6	99.4	100.2	0.8	5.9	0.24	0.25	0.01
Poultry	105.5	102.7	100.3	-2.3	-4.9	0.48	0.47	-0.01
Other meats	110.4	113.1	112.7	-0.4	2.1	0.44	0.43	-0.01
Fish and other seafood	106.5	105.8	107.6	1.7	1.0	0.43	0.43	0.00
Dairy and related products	100.3	98.5	99.0	0.5	-1.3	1.12	1.12	0.00
Milk	97.2	96.6	96.6	0.0	-0.6	0.41	0.41	0.00
Cheese	105.5	102.8	102.7	-0.1	-2.7	0.34	0.34	0.00
Ice cream and other dairy products	99.3	96.8	98.3	1.5	-1.0	0.37	0.37	0.00
Fruit and vegetables	100.1	95.8	97.4	1.7	-2.7	2.38	2.42	0.04
Fruit	88.9	83.3	84.0	0.8	-5.5	1.01	1.02	0.01
Vegetables	110.8	107.9	110.2	2.1	-0.5	1.37	1.40	0.03
Food products n.e.c.	101.9	103.4	100.3	-3.0	-1.6	2.23	2.17	-0.06
Eggs	109.3	107.7	108.7	0.9	-0.5	0.12	0.12	0.00
Jams, honey and spreads	106.6	106.6	103.7	-2.7	-2.7	0.15	0.15	0.00
Food additives and condiments	97.8	98.2	96.7	-1.5	-1.1	0.30	0.30	0.00
Oils and fats	100.9	100.6	101.9	1.3	1.0	0.18	0.18	0.00
Snacks and confectionery	104.1	105.6	102.5	-2.9	-1.5	1.01	0.98	-0.03
Other food products n.e.c.	97.5	101.3	94.5	-6.7	-3.1	0.48	0.45	-0.03
Non-alcoholic beverages	104.6	103.3	102.6	-0.7	-1.9	1.19	1.18	-0.01
Coffee, tea and cocoa	106.4	107.1	101.5	-5.2	-4.6	0.31	0.29	-0.02
Waters, soft drinks and juices	104.0	102.1	103.0	0.9	-1.0	0.88	0.89	0.01
Meals out and take away foods	107.0	108.7	108.8	0.1	1.7	5.96	5.96	0.00
Restaurant meals	106.2	107.5	107.7	0.2	1.4	3.04	3.05	0.01
Take away and fast foods	107.8	109.9	109.9	0.0	1.9	2.92	2.91	-0.01
Alcohol and tobacco	118.7	124.5	125.7	1.0	5.9	8.92	9.00	0.08
Alcoholic beverages	107.5	108.7	108.9	0.2	1.3	5.19	5.20	0.01
Spirits	108.4	110.0	110.7	0.6	2.1	1.00	1.01	0.01
Wine	104.9	102.5	102.2	-0.3	-2.6	1.67	1.67	0.00
Beer	109.1	112.8	113.0	0.2	3.6	2.51	2.52	0.01
Tobacco	141.0	155.9	159.2	2.1	12.9	3.73	3.81	0.08
Tobacco	141.0	155.9	159.2	2.1	12.9	3.73	3.81	0.08
Clothing and footwear	98.2	96.1	98.0	2.0	-0.2	3.82	3.89	0.07
Garments	97.2	95.1	96.9	1.9	-0.3	2.37	2.41	0.04
Garments for men	103.4	100.8	102.3	1.5	-1.1	0.74	0.75	0.01
Garments for women	93.8	92.2	93.8	1.7	0.0	1.34	1.36	0.02
Garments for infants and children	98.3	95.1	98.7	3.8	0.4	0.29	0.30	0.01
Footwear	95.1	92.7	96.6	4.2	1.6	0.57	0.60	0.03
Footwear for men	100.6	96.2	98.1	2.0	-2.5	0.13	0.14	0.01
Footwear for women	92.2	90.3	94.4	4.5	2.4	0.32	0.34	0.02
Footwear for infants and children	97.4	95.7	101.6	6.2	4.3	0.12	0.13	0.01
Accessories and clothing services	103.6	101.5	102.2	0.7	-1.4	0.88	0.88	0.00
Accessories	102.6	99.8	100.6	0.8	-1.9	0.74	0.75	0.01
Cleaning, repair and hire of clothing and footwear	109.3	111.9	112.1	0.2	2.6	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
	Jun Qtr 2015	Mar Qtr 2016	Jun Qtr 2016	Mar Qtr 2016 to Jun Qtr 2016	Jun Qtr 2015 to Jun Qtr 2016	Mar Qtr 2016	Jun Qtr 2016	Mar Qtr 2016 to Jun Qtr 2016
Housing	112.9	114.0	114.4	0.4	1.3	25.87	25.98	0.11
Rents	109.6	110.2	110.4	0.2	0.7	7.54	7.56	0.02
Rents	109.6	110.2	110.4	0.2	0.7	7.54	7.56	0.02
New dwelling purchase by owner-occupiers	112.1	113.2	114.2	0.9	1.9	9.75	9.83	0.08
New dwelling purchase by owner-occupiers	112.1	113.2	114.2	0.9	1.9	9.75	9.83	0.08
Other housing	113.2	116.9	117.2	0.3	3.5	3.93	3.94	0.01
Maintenance and repair of the dwelling	107.9	110.4	110.8	0.4	2.7	2.25	2.26	0.01
Property rates and charges	121.4	127.0	127.0	0.0	4.6	1.68	1.68	0.00
Utilities	120.1	119.8	119.6	-0.2	-0.4	4.66	4.65	-0.01
Water and sewerage	113.2	116.1	116.1	0.0	2.6	1.13	1.13	0.00
Electricity	119.8	117.9	117.4	-0.4	-2.0	2.55	2.54	-0.01
Gas and other household fuels	129.8	130.4	130.8	0.3	0.8	0.98	0.98	0.00
Furnishings, household equipment and services	103.1	104.1	104.7	0.6	1.6	9.41	9.47	0.06
Furniture and furnishings	100.6	101.0	103.1	2.1	2.5	1.89	1.93	0.04
Furniture	100.1	100.0	102.4	2.4	2.3	1.59	1.63	0.04
Carpets and other floor coverings	103.7	106.7	107.3	0.6	3.5	0.30	0.30	0.00
Household textiles	88.0	90.8	89.7	-1.2	1.9	0.55	0.54	-0.01
Household textiles	88.0	90.8	89.7	-1.2	1.9	0.55	0.54	-0.01
Household appliances, utensils and tools	96.0	97.5	98.4	0.9	2.5	1.36	1.37	0.01
Major household appliances	97.7	98.7	100.1	1.4	2.5	0.47	0.48	0.01
Small electric household appliances	92.6	96.0	94.8	-1.3	2.4	0.22	0.22	0.00
Glassware, tableware and household utensils	92.7	92.4	94.0	1.7	1.4	0.39	0.40	0.01
Tools and equipment for house and garden	101.4	104.9	106.0	1.0	4.5	0.27	0.27	0.00
Non-durable household products	100.7	98.9	98.8	-0.1	-1.9	2.80	2.80	0.00
Cleaning and maintenance products	98.2	96.8	97.4	0.6	-0.8	0.28	0.28	0.00
Personal care products	96.4	94.3	93.5	-0.8	-3.0	1.03	1.02	-0.01
Other non-durable household products	104.5	102.7	103.2	0.5	-1.2	1.48	1.49	0.01
Domestic and household services	116.2	120.1	120.8	0.6	4.0	2.82	2.84	0.02
Child care	129.5	139.3	140.4	0.8	8.4	1.01	1.02	0.01
Hairdressing and personal grooming services	108.1	109.6	109.9	0.3	1.7	0.99	1.00	0.01
Other household services	112.9	114.0	114.5	0.4	1.4	0.81	0.82	0.01
Health	120.1	122.3	125.5	2.6	4.5	6.46	6.63	0.17
Medical products, appliances and equipment	102.5	105.4	103.6	-1.7	1.1	1.35	1.32	-0.03
Pharmaceutical products	103.1	106.4	104.4	-1.9	1.3	1.20	1.18	-0.02
Therapeutic appliances and equipment	98.5	97.2	97.2	0.0	-1.3	0.15	0.15	0.00
Medical, dental and hospital services	125.7	127.7	132.5	3.8	5.4	5.12	5.31	0.19
Medical and hospital services	128.5	130.6	136.1	4.2	5.9	4.49	4.68	0.19
Dental services	109.0	110.7	110.9	0.2	1.7	0.63	0.63	0.00
Transport	101.0	97.2	98.2	1.0	-2.8	11.24	11.36	0.12
Private motoring	100.7	96.6	97.7	1.1	-3.0	10.45	10.57	0.12
Motor vehicles	94.9	96.3	95.0	-1.3	0.1	3.05	3.00	-0.05
Spare parts and accessories for motor vehicles	106.1	106.4	106.2	-0.2	0.1	1.05	1.05	0.00
Automotive fuel	94.9	79.2	83.9	5.9	-11.6	2.81	2.97	0.16
Maintenance and repair of motor vehicles	105.2	107.5	107.4	-0.1	2.1	1.86	1.86	0.00
Other services in respect of motor vehicles	118.7	121.1	121.1	0.0	2.0	1.68	1.68	0.00
Urban transport fares	105.1	105.2	105.2	0.0	0.1	0.79	0.79	0.00
Urban transport fares	105.1	105.2	105.2	0.0	0.1	0.79	0.79	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
	Jun Qtr 2015	Mar Qtr 2016	Jun Qtr 2016	Mar Qtr 2016 to Jun Qtr 2016	Jun Qtr 2015 to Jun Qtr 2016	Mar Qtr 2016	Jun Qtr 2016	Mar Qtr 2016 to Jun Qtr 2016
Communication	98.5	92.8	91.4	-1.5	-7.2	2.83	2.79	-0.04
Communication	98.5	92.8	91.4	-1.5	-7.2	2.83	2.79	-0.04
Postal services	111.1	109.6	110.1	0.5	-0.9	0.14	0.14	0.00
Telecommunication equipment and services	97.9	92.0	90.6	-1.5	-7.5	2.69	2.65	-0.04
Recreation and culture	102.3	103.8	103.1	-0.7	0.8	12.96	12.88	-0.08
Audio, visual and computing equipment and services	81.4	78.0	78.1	0.1	-4.1	1.84	1.85	0.01
Audio, visual and computing equipment	71.8	66.4	65.7	-1.1	-8.5	0.93	0.92	-0.01
Audio, visual and computing media and services	95.3	94.9	96.0	1.2	0.7	0.92	0.93	0.01
Newspapers, books and stationery	108.3	109.5	109.6	0.1	1.2	1.17	1.17	0.00
Books	99.4	98.4	98.1	-0.3	-1.3	0.38	0.38	0.00
Newspapers, magazines and stationery	113.4	115.9	116.2	0.3	2.5	0.79	0.79	0.00
Holiday travel and accommodation	106.4	110.5	108.5	-1.8	2.0	5.38	5.28	-0.10
Domestic holiday travel and accommodation	107.0	110.2	106.1	-3.7	-0.8	2.84	2.73	-0.11
International holiday travel and accommodation	105.7	110.9	111.3	0.4	5.3	2.55	2.56	0.01
Other recreation, sport and culture	107.7	109.0	109.4	0.4	1.6	4.57	4.58	0.01
Equipment for sports, camping and open-air recreation	102.8	104.9	104.1	-0.8	1.3	0.62	0.62	0.00
Games, toys and hobbies	92.5	89.5	88.1	-1.6	-4.8	0.67	0.66	-0.01
Pets and related products	101.0	96.1	100.0	4.1	-1.0	0.37	0.38	0.01
Veterinary and other services for pets	111.7	115.1	116.5	1.2	4.3	0.47	0.48	0.01
Sports participation	113.4	116.4	116.6	0.2	2.8	1.11	1.12	0.01
Other recreational, sporting and cultural services	116.3	120.2	121.0	0.7	4.0	1.32	1.33	0.01
Education	120.6	124.6	124.6	0.0	3.3	4.06	4.06	0.00
Education	120.6	124.6	124.6	0.0	3.3	4.06	4.06	0.00
Preschool and primary education	119.8	125.4	125.5	0.1	4.8	0.67	0.67	0.00
Secondary education	121.4	127.0	127.0	0.0	4.6	1.65	1.65	0.00
Tertiary education	120.2	122.1	122.1	0.0	1.6	1.74	1.74	0.00
Insurance and financial services	106.9	109.0	109.5	0.5	2.4	5.60	5.62	0.02
Insurance	110.6	116.0	117.6	1.4	6.3	1.70	1.72	0.02
Insurance	110.6	116.0	117.6	1.4	6.3	1.70	1.72	0.02
Financial services	105.4	106.2	106.2	0.0	0.8	3.90	3.90	0.00
Deposit and loan facilities (direct charges)	101.2	101.4	101.1	-0.3	-0.1	0.76	0.76	0.00
Other financial services	106.5	107.4	107.5	0.1	0.9	3.14	3.15	0.01
All groups CPI	107.5	108.2	108.6	0.4	1.0	108.2	108.6	0.4

(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
	Jun Qtr 2015	Mar Qtr 2016	Jun Qtr 2016	Mar Qtr 2016 to Jun Qtr 2016	Jun Qtr 2015 to Jun Qtr 2016	Mar Qtr 2016	Jun Qtr 2016	Mar Qtr 2016 to Jun Qtr 2016
All groups CPI	107.5	108.2	108.6	0.4	1.0	108.2	108.6	0.4
All groups CPI, seasonally adjusted	107.7	108.2	108.8	0.6	1.0	..	..	..
Underlying trend series								
Trimmed mean(c)	..	..	..	0.5	1.7	..	..	..
Weighted median(c)	..	..	..	0.4	1.3	..	..	..
International trade exposure series								
Tradables	101.5	100.9	101.5	0.6	0.0	39.29	39.54	0.25
Non-tradables	111.4	112.8	113.2	0.4	1.6	68.87	69.10	0.23
Goods and services series								
Goods component	104.9	104.6	105.2	0.6	0.3	60.33	60.67	0.34
Services component	111.2	113.1	113.4	0.3	2.0	47.84	47.97	0.13
All groups CPI including								
Deposit and loan facilities (indirect charges)	107.7	108.8	109.3	0.5	1.5	..	..	..
Market goods and services excluding 'volatile items'								
Goods	104.7	105.6	106.0	0.4	1.2	49.29	49.45	0.16
Services	107.3	108.6	108.4	-0.2	1.0	33.21	33.15	-0.06
Total	105.7	106.8	107.0	0.2	1.2	82.50	82.60	0.10
All groups CPI excluding								
Food and non-alcoholic beverages	108.3	109.0	109.6	0.6	1.2	91.17	91.69	0.52
Alcohol and tobacco	106.7	106.9	107.3	0.4	0.6	99.25	99.64	0.39
Clothing and footwear	107.9	108.7	109.1	0.4	1.1	104.35	104.75	0.40
Housing	106.0	106.5	106.9	0.4	0.8	82.29	82.67	0.38
Furnishings, household equipment and services	108.0	108.6	109.0	0.4	0.9	98.75	99.17	0.42
Health	106.8	107.4	107.7	0.3	0.8	101.70	102.01	0.31
Transport	108.4	109.6	110.0	0.4	1.5	96.92	97.28	0.36
Communication	107.8	108.6	109.2	0.6	1.3	105.34	105.86	0.52
Recreation and culture	108.3	108.8	109.4	0.6	1.0	95.20	95.76	0.56
Education	107.1	107.6	108.1	0.5	0.9	104.11	104.59	0.48
Insurance and financial services	107.6	108.1	108.6	0.5	0.9	102.57	103.02	0.45
Housing, Insurance and financial services	105.9	106.3	106.8	0.5	0.8	76.69	77.04	0.35
Medical and hospital services	106.8	107.4	107.7	0.3	0.8	103.68	103.97	0.29
Food and energy	108.3	109.8	110.3	0.5	1.8	87.87	88.24	0.37
'Volatile items'	108.2	109.6	109.9	0.3	1.6	102.98	103.25	0.27

.. 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.

(c) Index numbers are available in the time series spreadsheet 'Table 8. CPI: Analytical Series, Weighted Average of Eight Capital Cities'.

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.
 - Where CPI expenditure classes are identified as having a seasonal pattern, quarterly price changes are estimated on a seasonally adjusted basis. At the introduction of the 16th series, 62 out of the 87 expenditure classes were classified as seasonal. A description of which series are currently seasonally adjusted is published in Appendix 1 of every September quarter issue of *Consumer Price Index, Australia* (cat. no. 6401.0), following the annual seasonal reanalysis.
- *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:
 - 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 Published index numbers, except for the underlying trend series, are rounded to one decimal place. Percentage change movements are calculated from the index numbers and then rounded to one decimal place. Rounding errors can occur, causing discrepancies (e.g. when calculating percentage changes of aggregates and their components). Underlying trend series, 'Trimmed mean' and 'Weighted median' index numbers are published to four decimal places. Percentage change movements are calculated from the published index numbers and rounded to one decimal place.

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 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

EXPLANATORY NOTES *continued*

SEASONALLY ADJUSTED INDEXES *continued*

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 13 – CPI expenditure classes and selected analytical series, seasonally adjusted index numbers, weighted average of eight capital cities. The seasonal factors used to derive these seasonally adjusted indexes are available in Table 14 – 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.

REVISIONS

19 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

20 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.

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

- *Enhancing the Australian CPI: A roadmap, Aug 2015* (cat. no. 6401.0.60.001)
- *Information Paper: Increasing the Frequency of CPI Expenditure Class Weight Updates, July 2016* (cat. no. 6401.0.60.002)
- *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)

EXPLANATORY NOTES *continued*

RELATED PUBLICATIONS

continued

- *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

22 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.

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