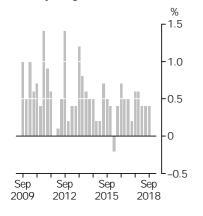


CONSUMER PRICE INDEX

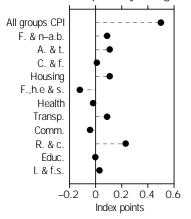
AUSTRALIA

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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.

KEY FIGURES

WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES	Jun Qtr 2018 to Sep Qtr 2018	Sep Qtr 2017 to Sep Qtr 2018	
	% change	% change	
All groups CPI	0.4	1.9	
Food and non-alcoholic beverages	0.5	1.6	
Alcohol and tobacco	1.3	6.8	
Clothing and footwear	0.2	-0.8	
Housing	0.4	1.6	
Furnishings, household equipment and services	-1.2	-2.0	
Health	-0.4	3.2	
Transport	0.8	6.0	
Communication	-1.4	-4.3	
Recreation and culture	1.6	1.2	
Education	0.1	2.8	
Insurance and financial services	0.5	1.4	
CPI analytical series			
All groups CPI, seasonally adjusted	0.1	1.9	
Trimmed mean	0.4	1.8	
Weighted median	0.3	1.7	

KEY POINTS

THE ALL GROUPS CPI

- rose 0.4% this quarter, compared with a rise of 0.4% in the June quarter 2018.
- rose 1.9% over the twelve months to the September quarter 2018, compared with a rise of 2.1% over the twelve months to the June quarter 2018.

OVERVIEW OF CPI MOVEMENTS

- The most significant price rises this quarter are international holiday travel and accommodation (+4.3%), domestic holiday travel and accommodation (+2.4%), tobacco (+1.8%), and automotive fuel (+1.4%).
- The most significant offsetting price falls this quarter are child care (-11.8%), and telecommunications equipment and services (-1.5%).

NOTES

FORTHCOMING ISSUES ISSUE (Quarter) RELEASE DATE

December 2018 30 January 2019

March 2019 24 April 2019

June 2019 31 July 2019

September 2019 30 October 2019

CHANGES TO CHILD CARE From 2 July 2018 the Child Care Subsidy replaced the Child Care Benefit and Child Care

Rebate. These changes have been reflected in the child care and preschool and primary

education series this quarter.

70 YEARS OF THE AUSTRALIAN CPI

The CPI series dates back to the September quarter 1948, which is available in tables 1 and 2 of this publication. To mark 70 years of measuring the Australian CPI, a feature article 70 years of the Australian Consumer Price Index is available on the website this quarter. An additional article, 70 Years of Inflation in Australia, is also available on the

Chief Economist Series page.

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

rounding.

PRIVACY The ABS Privacy Policy outlines how the ABS will handle any personal information that

you provide to the ABS.

ABBREVIATIONS ABS Australian Bureau of Statistics

CPI Consumer Price Index n.e.c. not elsewhere classified

David W. Kalisch

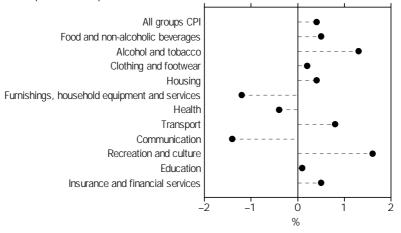
Australian Statistician

MAIN CONTRIBUTORS TO CHANGE

CPI GROUPS

The discussion of the CPI groups below is ordered in terms of their absolute significance to the change in AII 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



RECREATION AND CULTURE GROUP (+1.6%)

The main contributors to the rise in the recreation and culture group this quarter are international holiday travel and accommodation (+4.3%) and domestic holiday travel and accommodation (+2.4%). The rise in international holiday travel and accommodation is due to the summer peak seasons in Europe and America.

Over the twelve months to the September quarter 2018, the recreation and culture group rose 1.2%. The main contributor to the rise is domestic holiday travel and accommodation (+7.4%).

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

In seasonally adjusted terms, the recreation and culture group rose 0.6% this quarter. The main contributor to the rise is domestic holiday travel and accommodation (+2.2%).

FURNISHINGS,
HOUSEHOLD EQUIPMENT
AND SERVICES GROUP
(-1.2%)

The main contributor to the fall in the furnishings, household equipment and services group this quarter is child care (-11.8%). The fall in child care is due to the introduction of the Child Care Subsidy from 2 July 2018, which replaced the Child Care Rebate and Child Care Benefit.

Over the twelve months to the September quarter 2018, the furnishings, household equipment and services group fell 2.0%. The main contributor to the fall is child care (-8.5%).

In seasonally adjusted terms, the furnishings, household equipment and services group fell 1.8% this quarter. The main contributor to the fall is child care (-13.0%).

MAIN CONTRIBUTORS TO CHANGE continued

ALCOHOL AND TOBACCO GROUP (+1.3%)

The main contributor to the rise in the alcohol and tobacco group this quarter is tobacco (+1.8%). The rise in tobacco is due to the effects of the 12.5% federal excise tax increase and the further increase based on the Average Weekly Ordinary Time Earnings (AWOTE), effective 1 September 2018.

Over the twelve months to the September quarter 2018, the alcohol and tobacco group rose 6.8%. The main contributor to the rise is tobacco (+14.0%).

In seasonally adjusted terms, the alcohol and tobacco group rose 1.5% this quarter. The main contributor to the rise is tobacco (+2.5%).

HOUSING GROUP (+0.4%)

The main contributors to the rise in the housing group this quarter are the other housing sub-group (+1.5%), driven by property rates and charges (+2.3%) and utilities (+0.8%), driven by water and sewerage (+1.3%), gas and other household fuels (+1.1%) and electricity (+0.4%).

The rise in the housing group is the lowest September quarter rise since 1998, and is due to subdued results in the utilities, rents and property rates and charges. September quarters typically observe price changes in utilities and annual changes in property rates and charges. The modest rise in property rates reflects rate caps in some cities and a lower inflationary environment.

Utilities has been impacted by modest rises in electricity prices this quarter. In 2018, stabilising wholesale costs and retail competition have led to subdued rises in electricity prices for households, whereas strong rises in wholesale costs in the eastern and southern states drove electricity price rises in 2016 and 2017.

Over the twelve months to the September quarter 2018, the housing group rose 1.6%. The main contributor to the rise is new dwelling purchase by owner-occupiers (+2.0%).

In seasonally adjusted terms, the housing group fell 0.2% this quarter. The main contributor to the fall is electricity (-2.0%).

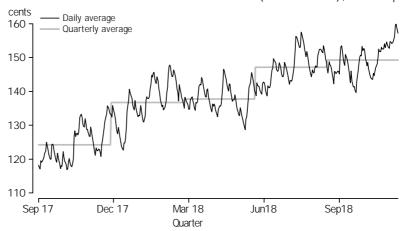
TRANSPORT GROUP (+0.8%)

The main contributor to the rise in the transport group this quarter is automotive fuel (+1.4%) due to continued increases in world oil prices flowing through to consumers. Automotive fuel fell in July (-2.0%) and August (-0.1%) and rose in September (+5.2%), to reach its highest quarterly price index level since 2014.

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

TRANSPORT GROUP (+0.8%) continued

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



Over the twelve months to the September quarter 2018, the transport group rose 6.0%. The main contributor to the rise is automotive fuel (+20.8%).

In seasonally adjusted terms, the transport group rose 0.5% this quarter. The main contributor to the rise is automotive fuel (+1.4%).

FOOD AND
NON-ALCOHOLIC
BEVERAGES GROUP
(+0.5%)

The main contributors to the rise in the food and non-alcoholic beverages group this quarter are fruit (+2.4%) and vegetables (+1.6%). Adverse weather conditions earlier in the year have impacted the supply of fruit and vegetables, leading to an increase in prices.

Over the twelve months to the September quarter 2018, the food and non-alcoholic beverages group rose 1.6%. The main contributor to the rise is fruit (+6.1%).

In seasonally adjusted terms, the food and non-alcoholic beverages group rose 0.1% this quarter. The main contributor to the rise is vegetables (+2.2%).

COMMUNICATION GROUP (-1.4%)

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

Over the twelve months to the September quarter 2018, the communication group fell 4.3%. The main contributor to the fall is telecommunication equipment and services (-4.7%).

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 other financial services (+0.5%). The rise in other financial services is due to rises in taxes on transfers.

Over the twelve months to the September quarter 2018, the insurance and financial services group rose 1.4%. The main contributor to the rise is insurance (+4.2%).

In seasonally adjusted terms, the insurance and financial services group rose 0.4% this quarter. The main contributor to the rise is other financial services (+0.4%).

MAIN CONTRIBUTORS TO CHANGE continued

HEALTH GROUP (-0.4%)

The main contributor to the fall in the health group this quarter is pharmaceutical products (-1.1%). The fall is due to the cyclical effect of a greater proportion of consumers who qualify for subsidies under the Pharmaceutical Benefits Scheme (PBS), reducing their out-of-pocket expenses.

Over the twelve months to the September quarter 2018, the health group rose 3.2%. The main contributor to the rise is medical and hospital services (+4.1%).

In seasonally adjusted terms, the health group rose 0.8% this quarter. The main contributor to the rise is medical and hospital services (+1.2%).

CLOTHING AND FOOTWEAR GROUP (+0.2%)

The main contributor to the rise in the clothing and footwear group this quarter is garments for men (+1.5%).

Over the twelve months to the September quarter 2018, the clothing and footwear group fell 0.8%.

In seasonally adjusted terms, the clothing and footwear group rose 0.1% this quarter. The main contributor to the rise is garments for men (+1.5%).

EDUCATION GROUP (+0.1%)

The main contributor to the rise in the education group this quarter is tertiary education (+0.9%).

Over the twelve months to the September quarter 2018, the education group rose 2.8%. The main contributors to the rise are secondary education (+3.3%) and tertiary education (+2.3%).

In seasonally adjusted terms, the education group rose 1.0% this quarter. The main contributors to the rise are tertiary education (+1.6%) and secondary education (+1.1%).

INTERNATIONAL TRADE
EXPOSURE - TRADABLES
AND NON-TRADABLES

The tradables component of the All groups CPI rose 0.8% in the September quarter 2018. The tradable goods component rose 0.4% due to automotive fuel (+1.4%), fruit (+2.4%), furniture (+1.9%), and vegetables (+1.6%). The tradable services component rose 4.0% due to international holiday travel and accommodation (+4.3%).

The non-tradables component of the All groups CPI rose 0.3% in September quarter 2018. The non-tradable goods component rose 0.5% due to tobacco (+1.8%), beer (+0.9%) and takeaway and fast foods (+0.7%). The non-tradable services component rose 0.1% due to domestic holiday travel and accommodation (+2.4%) and property rates and charges (+2.3%).

Over the twelve months to the September quarter 2018, the tradables component rose 1.4% and the non-tradables component rose 2.2%.

In seasonally adjusted terms, the tradables component of the All groups CPI rose 0.1% and the non-tradables component rose 0.2%.

SEASONALLY ADJUSTED ANALYTICAL SERIES The All group CPI seasonally adjusted rose 0.1% this quarter, and the original All groups CPI recorded a 0.4% rise.

SEASONALLY ADJUSTED
ANALYTICAL SERIES
continued

The trimmed mean rose 0.4% in September quarter 2018, following a revised rise of 0.4% in the June quarter 2018. Over the twelve months to the September quarter 2018, the trimmed mean rose 1.8%, following a revised rise of 1.8% over the twelve months to the June quarter 2018.

The weighted median rose 0.3% in September quarter 2018, following a revised rise of 0.4% in the June quarter 2018. Over the twelve months to the September quarter 2018, the weighted median rose 1.7%, following a revised rise of 1.7% over the twelve months to the June quarter 2018.

	ORIGINAL	SEASONALLY ADJUSTED
	Jun Qtr 2018 to Sep Qtr 2018	Jun Qtr 2018 to Sep Qtr 2018
	%	%
All groups CPI	0.4	0.1
Food and non-alcoholic beverages	0.5	0.1
Alcohol and tobacco	1.3	1.5
Clothing and footwear	0.2	0.1
Housing	0.4	-0.2
Furnishings, household equipment and services	-1.2	-1.8
Health	-0.4	0.8
Transport	0.8	0.5
Communication(a)	-1.4	-1.4
Recreation and culture	1.6	0.6
Education	0.1	1.0
Insurance and financial services	0.5	0.4
International trade exposure series		
Tradables	0.8	0.1
Non-tradables	0.3	0.2

⁽a) not seasonally adjusted

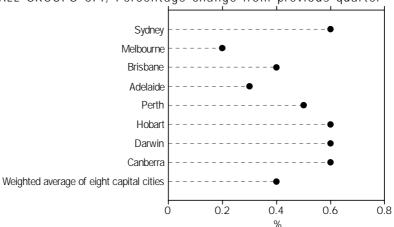
A detailed explanation of the seasonal adjustment of the All Groups CPI and calculation of the trimmed mean and weighted median measures is available in *Information Paper: Seasonal Adjustment of Consumer Price Indexes, 2011* (cat. no. 6401.0.55.003) available on the ABS website. Revisions to the seasonally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

The recreation and culture group (+1.6%) is the most significant positive contributor to the All groups quarterly movement, with rises in all eight capital cities. The rise is due to international holiday travel and accommodation (+4.3%), due to the peak summer seasons in Europe and America.

The alcohol and tobacco group (+1.3%) is second most significant positive contributor to the All groups quarterly movement, with rises in all eight capital cities. The rise is due to tobacco (+1.8%) with the effects of the 12.5% federal excise tax increase and the further increase based on the Average Weekly Ordinary Time Earnings (AWOTE) effective 1 September 2018.

The housing group (+0.4%) is the third most significant positive contributor to the All groups quarterly movement, with rises in seven out of eight capital cities. The rise is due to property rates and charges (+2.3%) which are reviewed annually in September quarters.

The most significant offsetting negative contributor to the All groups quarterly movement is the furniture, household equipment and services group (-1.2%), with falls in all eight capital cities. The fall is due to child care (-11.8%) following the introduction of the Child Care Subsidy from 2 July 2018, which replaced the Child Care Benefit and Child Care Rebate. All eight capital cities recorded falls in child care this quarter ranging from -19.8% and -19.1% in Canberra and Melbourne respectively, to -7.6% and -7.4% in Sydney and Darwin respectively. Differences in the movements across the eight capital cities is due to a combination of changes in gross child care fees and varying impacts of the Child Care Subsidy due to differences in average household incomes.

The second most significant negative contributor to the All groups quarterly movement is the communications group (-1.4%), with falls in all eight capital cities. The fall is due to telecommunications equipment and services (-1.5%).

Over the twelve months to September quarter 2018, the All groups CPI has risen in all eight capital cities, with Hobart (+2.7%), Canberra (+2.5%), Melbourne (+2.2%) and Sydney (+2.0%) recording the largest movements.

ALL GROUPS CPI continued

ALL GROUPS CPI, All groups index numbers and percentage changes

	INDEX		
	NUMBER(a)	PERCENTAGE CH	ANGE
	Sep Qtr 2018	Jun Qtr 2018 to Sep Qtr 2018	Sep Qtr 2017 to Sep Qtr 2018
Sydney	114.7	0.6	2.0
Melbourne	114.0	0.2	2.2
Brisbane	113.4	0.4	1.8
Adelaide	112.4	0.3	1.8
Perth	110.8	0.5	1.2
Hobart	112.2	0.6	2.7
Darwin	110.8	0.6	1.3
Canberra	112.3	0.6	2.5
Weighted average of eight capital cities	113.5	0.4	1.9

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

SYDNEY (+0.6%)

The main contributors to the rise in Sydney this quarter are international holiday travel and accommodation (+4.4%), domestic holiday travel and accommodation (+2.8%) and tertiary education (+3.2%). The rise in tertiary education is due to increases in vocational education. The rise is partially offset by falls in child care (-7.6%), audio, visual and computer equipment (-3.1%) and telecommunications equipment and services (-1.6%).

MELBOURNE (+0.2%)

The main contributors to the rise in Melbourne this quarter are international holiday travel and accommodation (+3.3%), tobacco (+1.9%), property rates and charges (+3.6%) and automotive fuel (+1.5%). The rise is partially offset by falls in child care (-19.1%) and new dwelling purchase by owner-occupiers (-0.7%). The fall in new dwelling purchase by owner-occupiers is due to increased competition in the detached dwellings market.

BRISBANE (+0.4%)

The main contributors to the rise in Brisbane this quarter are international holiday travel and accommodation (+5.3%), and domestic holiday travel and accommodation (+4.4%). The rise is partially offset by falls in child care (-9.7%) and electricity (-5.1%). The fall in electricity is due to the Affordable Energy Plan where households received a \$50 electricity rebate.

ADELAIDE (+0.3%)

The main contributors to the rise in Adelaide this quarter are international holiday travel and accommodation (+6.5%), tobacco (+1.8%) and automotive fuel (+1.4). The rise is partially offset by falls in child care (-12.8%) and property rates and charges (-6.9%). The fall in property rates and charges is due to a rebate being introduced for the Emergency Services Levy.

PERTH (+0.5%)

The main contributors to the rise in Perth this quarter are electricity (+7.3%), international holiday travel and accommodation (+3.6%) and water and sewerage (+4.9%). The rise in electricity is in line with announced increases in electricity tariffs. The rise is partially offset by falls in child care (-11.5%) and rents (-1.6%). The fall in rents is due to an excess of housing stocked continuing to lead to high vacancy rates.

CAPITAL CITIES COMPARISON continued

HOBART	(_ (6%)
HUDAKI	(+ U	. O 70 1

The main contributors to the rise in Hobart this quarter are automotive fuel (+3.9%), international holiday travel and accommodation (+4.8%), property rates and charges (+5.3%) and rents (+1.6%). The rise is partially offset by falls in child care (-11.4%) and motor vehicles (-1.9%).

DARWIN (+0.6%)

The main contributors to the rise in Darwin this quarter are domestic holiday travel and accommodation (+11.4%), international holiday travel and accommodation (+5.1%) and automotive fuel (+2.1%). The rise is partially offset by falls in child care (-7.4%) and sports participation (-15.7%). The fall in sports participation is due to the biannual \$100 sport voucher provided to school aged children in the Northern Territory.

CANBERRA (+0.6%)

The main contributors to the rise in Canberra this quarter are electricity (+9.4%), domestic holiday travel and accommodation (+4.7%), property rates and charges (+7.9%) and international holiday travel and accommodation (+3.9%). The rise is partially offset by falls in child care (-19.8%) and other financial services (-1.6%). The fall in other financial services is due to the reduction in stamp duty on property sales.

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Period	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	Weighted average of eight capital cities
• • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •
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
2016-17	111.1	110.2	110.4	108.9	108.9	108.2	108.7	108.1	110.2
2017-18	113.4	112.7	112.3	111.3	109.9	110.5	109.7	110.7	112.3
2014									
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
September	110.4	109.1	109.7	108.4	108.6	107.1	108.7	107.3	109.4
December	110.9	109.9	110.2	108.7	109.0	108.0	108.6	107.9	110.0
2017									
March	111.3	110.9	110.5	109.1	109.0	108.9	108.5	108.6	110.5
June	111.7	111.0	111.0	109.2	109.0	108.9	108.8	108.6	110.7
September	112.5	111.5	111.4	110.4	109.5	109.2	109.4	109.6	111.4
December	113.3	112.3	112.3	111.2	109.9	110.3	109.7	110.3	112.1
2018	440 /	1100			4400		400 7	444.0	440 /
March	113.6	113.3	112.4	111.6	110.0	111.1	109.7	111.2	112.6
June	114.0	113.8	112.9	112.1	110.2	111.5	110.1	111.6	113.0
September	114.7	114.0	113.4	112.4	110.8	112.2	110.8	112.3	113.5

⁽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 (from				• • • • • • • •	• • • • • •
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
2016–17 2017–18	2.0 2.1	1.8 2.3	1.8 1.7	1.6 2.2	0.6 0.9	1.8 2.1	0.2 0.9	1.9 2.4	1.8 1.9
PI	ERCENT	AGE CHAI							
2014									
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	1.0	1.4	1.1	1.4	0.6	0.8	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
September	1.7	1.4	1.5	1.2	0.5	1.3	0.0	1.4	1.3
December	1.8	1.5	1.6	1.3	0.4	1.3	-0.4	1.8	1.5
2017									
March	2.4	2.5	1.8	2.0	1.0	2.3	0.5	2.3	2.1
June	2.2	2.2	1.8	1.6	0.7	2.3	0.5	2.1	1.9
September	1.9	2.2	1.5	1.8	0.8	2.0	0.6	2.1	1.8
December 2018	2.2	2.2	1.9	2.3	0.8	2.1	1.0	2.2	1.9
March	2.1	2.2	1.7	2.3	0.9	2.0	1.1	2.4	1.9
June	2.1	2.5	1.7	2.3	1.1	2.4	1.2	2.4	2.1
September	2.0	2.2	1.8	1.8	1.2	2.7	1.3	2.5	1.9
• • • • • • • • •	• • • • • •	PERCE	NTAGE CI	HANGE (fr	om previ		ter)	• • • • • • • •	• • • • • • •
2014					•				
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	0.0	0.1	0.0	0.3	0.4	0.2	0.0	0.2	0.0
June	-0.2 0.6	-0.1 0.4	0.0 0.5	-0.3 0.5	-0.6 0.3	-0.2 0.0	-0.9 0.3	0.2 0.2	-0.2 0.4
September	1.0	0.4	0.6	0.8	0.3	0.7	0.4	0.2	0.4
December	0.5	0.7	0.5	0.3	0.4	0.8	-0.1	0.6	0.7
2017	0.5	0.7	0.5	0.5	0.4	0.0	0.1	0.0	0.5
March	0.4	0.9	0.3	0.4	0.0	0.8	-0.1	0.6	0.5
June	0.4	0.1	0.5	0.1	0.0	0.0	0.3	0.0	0.2
September	0.7	0.5	0.4	1.1	0.5	0.3	0.6	0.9	0.6
December	0.7	0.7	0.8	0.7	0.4	1.0	0.3	0.6	0.6
2018									
March	0.3	0.9	0.1	0.4	0.1	0.7	0.0	8.0	0.4
June	0.4	0.4	0.4	0.4	0.2	0.4	0.4	0.4	0.4
September	0.6	0.2	0.4	0.3	0.5	0.6	0.6	0.6	0.4



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

	Food and non-alcoholic	Alcohol and	Clothing and	ı	Furnishings, household equipment	
Period	beverages	tobacco	footwear	Housing	and services	Health
• • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • • • • • •	• • • • • • • • •
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
2016-17	105.9	130.8	97.2	116.4	104.9	126.7
2017–18	105.9	140.3	94.3	120.2	104.4	131.6
2014						
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
September	105.6	127.1	98.3	115.6	105.9	125.2
December	106.2	130.7	97.8	115.9	105.1	124.4
2017						
March	106.0	132.1	96.4	116.8	104.0	126.9
June	105.8	133.1	96.1	117.2	104.7	130.3
September	104.9	136.0	95.2	119.4	105.1	130.1
December	106.0	140.3	94.9	119.8	104.3	129.4
2018						
March	106.5	141.3	93.0	120.6	103.9	132.2
June	106.1	143.5	94.2	120.8	104.2	134.7
September	106.6	145.3	94.4	121.3	103.0	134.2

⁽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
• • • • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • •	• • • • • • • • • •
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
2016-17	99.6	88.5	103.7	126.8	111.4	110.2
2017–18	103.1	85.5	104.3	130.5	112.9	112.3
2014						
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
September	97.7	89.3	103.7	124.8	110.5	109.4
December	99.4	88.6	104.3	124.8	111.2	110.0
2017						
March	100.9	88.3	103.6	128.7	111.9	110.5
June	100.3	87.9	103.0	128.7	111.8	110.7
September	100.3	86.7	104.3	128.7	112.5	111.4
December	102.7	85.6	104.9	128.8	112.7	112.1
2018						
March	103.8	85.3	104.2	132.1	113.0	112.6
June	105.5	84.2	103.8	132.2	113.5	113.0
September	106.3	83.0	105.5	132.3	114.1	113.5

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



	Food and non-alcoholic beverages	Alcohol and tobacco	Clothing and footwear	Housing	Furnishings, isehold equipment and services	Health
• • • • • • • • • •	P	ERCENTAGE CHA	NGE (from previ			• • • • • • • • •
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
2016-17	1.7	5.9	-0.3	2.2	0.6	3.8
2017–18	0.0	7.3	-3.0	3.3	-0.5	3.9
• • • • • • • • • •			om correspondin		revious year)	• • • • • • • • •
2014						
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
September	1.5	5.7	1.2	1.8	1.9	3.9
December	1.8	5.9	-0.9	1.9	0.6	3.7
2017	1.0		0.0	0.5	0.4	2.0
March	1.8	6.1	0.3	2.5	-0.1	3.8
June September	1.9	5.9	-1.9	2.4	0.0	3.8
December	-0.7 -0.2	7.0 7.3	-3.2 -3.0	3.3 3.4	-0.8 -0.8	3.9 4.0
2018	-0.2	7.3	-3.0	3.4	-0.0	4.0
March	0.5	7.0	-3.5	3.3	-0.1	4.2
June	0.3	7.8	-3.5 -2.0	3.1	-0.1 -0.5	3.4
September	1.6	6.8	-0.8	1.6	-0.5 -2.0	3.2
September	1.0	0.0	0.0	1.0	2.0	5.2
		PERCENTAGE	CHANGE (from p	revious quarte	r)	
2014						
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
September	1.7	1.1	0.3	1.0	1.1	-0.2
December	0.6	2.8	-0.5	0.3	-0.8	-0.6
2017				2.2	4.0	
March	-0.2	1.1	-1.4	0.8	-1.0	2.0
June	-0.2	0.8	-0.3	0.3	0.7	2.7
September	-0.9	2.2	-0.9	1.9	0.4	-0.2
December	1.0	3.2	-0.3	0.3	-0.8	-0.5
2018	0.5	0.7	2.0	0.7	0.4	2.2
March	0.5	0.7	-2.0 1.2	0.7	-0.4	2.2
June	-0.4 0.5	1.6 1.3	1.3 0.2	0.2 0.4	0.3 –1.2	1.9 -0.4
September	0.5	1.3	U.Z	0.4	-1.2	-0.4



	Transport	Communication	Recreation and culture	Education	Insurance and financial services	All groups CPI
	PERC	ENTAGE CHANGE	(from previous	s financial year)	
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
2016-17	0.5	-5.5	0.0	3.3	2.6	1.8
2017–18	3.5	-3.4	0.6	2.9	1.3	1.9
• • • • • • • • • • • • • • • • • • • •						• • • • • • • • • • • • •
	PERCENTAGE	CHANGE (from o	corresponding o	uarter of previ	ous year)	
2014	0.0	4.0	1.0	F 0	4.0	0.0
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		4.5	2.0	F 4	1.0	1.0
March June	-6.2 -2.4	-4.5 -3.4	2.0 0.9	5.4 5.4	1.8 2.1	1.3 1.5
September	-2.4 -2.2	-3.4 -4.1	0.9	5.4 5.5	2.1	1.5
December	-2.2 -1.4	-4.1 -6.3	1.1	5.5 5.5	2.0 1.8	1.5
2016	-1.4	-0.3	1.7	ა.ა	1.0	1.7
March	-0.5	-6.4	0.1	3.3	2.3	1.3
June	-0.5 -2.8	-0.4 -7.2	0.1	3.3	2.3	1.0
September	-3.4	-7.2 -7.5	0.6	3.3	2.9	1.3
December	-0.3	-7.5 -5.9	-0.5	3.3	2.7	1.5
2017	0.5	5.7	0.5	5.5	2.7	1.5
March	3.8	-4.8	-0.2	3.3	2.7	2.1
June	2.1	-3.8	-0.1	3.3	2.1	1.9
September	2.7	-2.9	0.6	3.1	1.8	1.8
December	3.3	-3.4	0.6	3.2	1.3	1.9
2018	0.0	0.1	0.0	0.2		
March	2.9	-3.4	0.6	2.6	1.0	1.9
June	5.2	-4.2	0.8	2.7	1.5	2.1
September	6.0	-4.3	1.2	2.8	1.4	1.9
						• • • • • • • • • • •
	PI	ERCENTAGE CHA	NGE (from prev	ious quarter)		
2014						
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	8.0	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
September	-0.5	-2.3	0.6	0.2	0.9	0.7
December	1.7	-0.8	0.6	0.0	0.6	0.5
2017	4 -	0.0	0.7	0.1	0.7	0.5
March	1.5	-0.3 -0.5	-0.7 -0.6	3.1 0.0	0.6 -0.1	0.5 0.2
June	-0.6					
September	0.0	-1.4 1.2	1.3	0.0	0.6	0.6
December 2018	2.4	-1.3	0.6	0.1	0.2	0.6
2018 March	1 1	-0.4	-0.7	2.4	0.3	0.4
June	1.1 1.6	-0.4 -1.3	-0.7 -0.4	2.6 0.1	0.3 0.4	0.4 0.4
September	0.8	-1.3 -1.4	-0.4 1.6	0.1	0.4	0.4
Sehreningi	0.0	-1.4	1.0	U. I	0.5	0.4

									Weighted average of eight capital
Quarters	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	cities
• • • • • • • • •	• • • • • •	FOO	D AND N	O N – A L C O	HOLIC BE	VERAGES	5	• • • • • • •	• • • • • • •
2016									
September	106.9	105.7	105.6	104.8	102.6	104.2	105.9	105.5	105.6
December 2017	107.5	106.3	105.7	105.6	103.5	105.1	106.2	106.0	106.2
March	107.5	105.7	106.1	105.2	103.4	104.6	105.6	105.7	106.0
June	107.3	105.7	105.8	103.2	103.4	104.0	105.3	105.7	105.8
September	106.4	104.9	105.0	103.9	101.6	102.9	104.5	104.7	104.9
December	107.6	106.1	106.2	104.6	102.7	103.5	105.4	105.9	106.0
2018									
March	108.1	106.6	106.6	105.2	102.8	104.4	105.5	106.3	106.5
June	107.6	106.4	106.0	104.7	102.4	103.6	105.1	106.1	106.1
September	108.1	107.0	106.5	105.3	103.0	104.2	105.5	106.7	106.6
					• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •
			ALCC	HOL AND	TOBACC	0			
2016	40			40	40	40- :	46		
September	125.2	126.5	129.4	129.1	129.3	129.6	125.1	125.3	127.1
December 2017	128.5	130.4	133.8	132.1	132.4	134.4	128.3	128.0	130.7
March	130.1	122 5	134.3	122.2	122 5	134.2	128.9	129.6	132.1
June	130.1	132.5 133.4	134.3	133.3 134.7	133.5 133.7	134.2	128.6	130.8	132.1
September	131.6	136.8	138.4	134.7	136.5	139.5	131.5	130.8	136.0
December	137.6	140.8	143.1	143.1	141.1	144.8	136.1	136.4	140.3
2018	137.0	140.0	145.1	143.1	141.1	144.0	130.1	130.4	140.5
March	138.5	141.4	145.0	144.2	142.3	145.4	136.9	138.4	141.3
June	141.1	143.8	145.8	146.3	144.3	147.3	138.4	140.7	143.5
September	143.2	145.7	147.7	147.8	145.8	148.8	139.7	142.5	145.3
• • • • • • • • •	• • • • • •	• • • • • • • •	0.071				• • • • • •	• • • • • • •	• • • • • • •
2016			CLUIF	HING AND	FOOTWE	AK			
September	95.1	97.2	105.4	96.8	104.2	94.9	94.7	92.3	98.3
December	94.7	96.4	103.4	95.5	105.7	95.7	95.1	95.1	97.8
2017	74.7	70.4	103.0	75.5	103.7	75.7	75.1	75.1	77.0
March	92.7	95.9	102.1	93.3	103.8	95.1	94.5	94.7	96.4
June	92.5	95.9	102.5	92.2	102.7	95.4	93.8	94.4	96.1
September	92.1	94.9	101.6	91.1	100.6	94.3	93.9	92.5	95.2
December	91.3	94.4	101.8	91.5	101.2	94.8	95.0	91.9	94.9
2018									
March	89.8	92.4	99.1	90.0	99.1	93.9	93.7	91.2	93.0
June	07.0							92.4	94.2
0 01110	91.0	93.6	99.8	91.6	100.7	95.2	94.2	/2.7	
September		93.6 94.0	99.8 100.0	91.6 91.1	100.7 100.4	95.2 95.3	94.2 93.3	91.8	
	91.0			91.1	100.4				
September	91.0				100.4				
	91.0			91.1	100.4				94.4
September 2016	91.0 91.4	94.0	100.0	91.1 HOUSI	100.4 • • • • • • • • • • • • • • • • • • •	95.3	93.3	91.8	94.4
September 2016 September	91.0 91.4	94.0	100.0	91.1 HOUSI 112.3	100.4 N G 111.5	95.3 107.4	93.3	91.8	94.4
September 2016 September December	91.0 91.4	94.0	100.0	91.1 HOUSI 112.3	100.4 N G 111.5	95.3 107.4	93.3	91.8	94.4 115.6 115.9
September 2016 September December 2017	91.0 91.4 118.4 119.0	94.0 115.6 116.1	100.0 116.2 116.2	91.1 HOUSI 112.3 112.3	100.4 N G 111.5 111.0	95.3 107.4 107.7	93.3 110.1 109.5	91.8 108.2 108.5	94.4 115.6 115.9 116.8
September 2016 September December 2017 March	91.0 91.4 118.4 119.0 119.8	94.0 115.6 116.1 118.1	100.0 116.2 116.2 117.1	91.1 HOUSI 112.3 112.3 113.3	100.4 N G 111.5 111.0	95.3 107.4 107.7 108.4	93.3 110.1 109.5 109.2	91.8 108.2 108.5 108.9	94.4 115.6 115.9 116.8 117.2
2016 September December 2017 March June	91.0 91.4 118.4 119.0 119.8 120.6	94.0 115.6 116.1 118.1 118.7	100.0 116.2 116.2 117.1 117.8	91.1 HOUSI 112.3 112.3 113.3 112.8	100.4 NG 111.5 111.0 110.0 109.6	95.3 107.4 107.7 108.4 108.8	93.3 110.1 109.5 109.2 108.7	91.8 108.2 108.5 108.9 109.3	94.4 115.6 115.9 116.8 117.2 119.4
2016 September December 2017 March June September December 2018	91.0 91.4 118.4 119.0 119.8 120.6 123.5 124.2	94.0 115.6 116.1 118.1 118.7 120.1	116.2 116.2 117.1 117.8 118.6	91.1 HOUSI 112.3 112.3 113.3 112.8 117.7 118.1	100.4 N G 111.5 111.0 100.0 109.6 110.9	95.3 107.4 107.7 108.4 108.8 109.9	93.3 110.1 109.5 109.2 108.7 108.4	91.8 108.2 108.5 108.9 109.3 113.3	94.4 115.6 115.9 116.8 117.2 119.4 119.8
2016 September December 2017 March June September December 2018 March	91.0 91.4 118.4 119.0 119.8 120.6 123.5 124.2	94.0 115.6 116.1 118.1 118.7 120.1 120.7	116.2 116.2 117.1 117.8 118.6 119.0	91.1 HOUSI 112.3 112.3 113.3 112.8 117.7 118.1 118.8	100.4 NG 111.5 111.0 100.0 100.6 110.9 110.5 100.2	95.3 107.4 107.7 108.4 108.8 109.9 110.4 111.2	93.3 110.1 109.5 109.2 108.7 108.4 108.1	91.8 108.2 108.5 108.9 109.3 113.3 114.2 114.8	94.4 115.6 115.9 116.8 117.2 119.4 119.8
2016 September December 2017 March June September December 2018	91.0 91.4 118.4 119.0 119.8 120.6 123.5 124.2	94.0 115.6 116.1 118.1 118.7 120.1 120.7	116.2 116.2 117.1 117.8 118.6 119.0	91.1 HOUSI 112.3 112.3 113.3 112.8 117.7 118.1	100.4 NG 111.5 111.0 100.0 100.6 110.9 110.5	95.3 107.4 107.7 108.4 108.8 109.9 110.4	93.3 110.1 109.5 109.2 108.7 108.4 108.1	91.8 108.2 108.5 108.9 109.3 113.3 114.2	94.4 115.6 115.9 116.8 117.2 119.4 119.8

⁽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
• • • • • • • • •	FI	URNISHIN	GS. HOU:	SEHOLD E	EQUIPMEN	IT AND S	ERVICES	• • • • • • •	• • • • • • •
2016			,						
September	106.3	104.6	107.7	105.0	105.7	102.5	108.5	110.7	105.9
December	105.5	103.7	106.4	103.0	105.4	101.7	107.8	111.0	105.1
2017									
March	104.4	102.7	105.6	101.9	103.9	101.5	107.7	111.0	104.0
June September	105.2 105.3	103.2 104.2	106.8 107.0	103.1 102.8	104.2	102.8 102.7	107.7 107.6	111.5 111.7	104.7 105.1
December	103.3	104.2	107.0	102.8	104.8 103.7	102.7	107.8	110.4	103.1
2018	104.4	103.1	100.5	102.5	103.7	101.0	107.5	110.4	104.5
March	103.9	102.9	106.0	101.9	103.5	101.9	107.2	110.5	103.9
June	104.4	103.0	106.6	102.7	103.3	102.1	106.9	111.2	104.2
September	103.6	101.0	105.4	102.1	102.7	101.5	105.7	107.1	103.0
• • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	HEAL		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •
2016									
September	125.3	125.7	125.3	126.4	122.7	127.9	121.6	124.6	125.2
December	124.5	125.1	124.5	125.8	121.7	127.2	120.7	123.3	124.4
2017									
March	127.3	127.7	127.3	127.2	123.7	129.5	122.7	126.8	126.9
June	130.5	131.1	130.0	132.1	127.4	133.6	126.3	130.3	130.3
September December	130.2	130.8	129.7	132.0	127.2	133.6	126.0	130.8	130.1
2018	129.6	130.1	129.0	131.4	126.4	132.8	125.1	129.9	129.4
March	132.2	133.2	132.2	133.3	128.9	135.7	126.7	133.6	132.2
June	134.1	135.6	134.3	137.0	133.2	139.2	128.6	133.8	134.7
September	133.8	135.0	133.8	137.0	131.9	138.3	128.9	133.5	134.2
• • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	TRANSF	PORT	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •
2016									
September	96.7	98.6	95.8	98.6	98.3	99.5	101.6	100.1	97.7
December	98.2	101.1	97.6	99.6	99.4	100.2	102.7	100.3	99.4
2017									
March	99.4	103.1	97.7	101.8	101.2	103.9	105.2	102.9	100.9
June	99.1	102.5	97.6	100.7	100.2	103.3	104.2	101.2	100.3
September	98.8	102.1	97.0	101.3	101.2	103.4	106.1	102.1	100.3
December 2018	101.2	104.5	99.9	103.9	103.5	104.4	108.5	104.5	102.7
March	101.9	106.1	100.8	104.7	104.9	106.1	111.2	106.6	103.8
June	103.3	107.6	103.0	106.8	106.5	107.9	112.2	107.2	105.5
September	104.2	108.3	103.6	107.1	107.7	109.7	113.2	108.2	106.3
• • • • • • • • •	• • • • • •	• • • • • • • •	(COMMUNI	CATION	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •
2016									
2016 September	89.3	89.4	89.4	89.2	88.8	89.6	89.4	89.6	89.3
December	88.6	88.8	88.8	88.6	88.2	88.8	88.6	88.8	88.6
2017	30.0	00.0	50.0	30.0	30.2	20.0	30.0	55.5	55.5
March	88.3	88.5	88.5	88.3	87.9	88.4	88.2	88.4	88.3
June	87.9	88.1	88.1	87.9	87.5	87.9	87.8	88.0	87.9
September	86.7	86.8	86.8	86.7	86.2	86.5	86.3	86.7	86.7
December 2018	85.6	85.7	85.7	85.6	85.1	85.2	85.0	85.6	85.6
2018 March	85.3	85.4	85.4	85.3	84.8	84.9	84.8	85.4	85.3
June	84.2	84.3	84.3	84.1	83.7	83.8	83.6	84.4	84.2
September	83.1	83.2	83.1	83.0	82.5	82.6	82.4	83.3	83.0

⁽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
			RECRE	EATION AN	ND CULTU	IRE			
2016									
September	104.1	103.4	103.9	102.5	104.0	100.7	105.9	104.7	103.7
December	104.4	104.4	104.5	102.7	104.4	102.8	103.6	105.8	104.3
2017									
March	103.4	104.5	102.9	101.9	103.6	104.2	100.1	105.5	103.6
June	103.1	103.2	102.8	101.7	103.6	101.9	104.0	104.4	103.0
September	104.7	104.1	104.5	102.5	104.5	101.8	107.1	105.2	104.3
December 2018	105.1	104.9	105.2	102.7	105.5	105.7	104.2	105.8	104.9
March	103.9	104.7	103.7	102.3	105.4	106.3	101.7	105.5	104.2
June	103.5	103.9	103.7	102.3	105.4	100.5	101.7	106.3	104.2
September	105.2	105.1	106.3	103.9	106.4	104.7	107.6	108.4	105.5
				EDUCAT	ION				
2016									
September	127.7	123.5	124.0	123.3	125.7	121.1	122.9	119.6	124.8
December	127.7	123.5	124.0	123.4	125.7	121.1	122.9	119.6	124.8
2017									
March	131.3	127.6	128.1	126.9	129.0	124.9	126.2	123.1	128.7
June	131.3	127.6	128.1	127.0	129.0	124.9	126.2	123.2	128.7
September	131.2	127.7	128.5	127.0	129.0	124.9	126.2	123.3	128.7
December	131.4	127.7	128.6	127.1	129.0	125.0	126.3	123.3	128.8
2018									
March	135.5	130.8	131.5	130.0	131.3	127.6	132.1	128.0	132.1
June	135.7	130.8	131.5	130.0	131.3	127.6	132.1	128.0	132.2
September	136.7	130.3	131.2	129.7	131.3	127.6	131.9	127.2	132.3
• • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •
		IN	SURANCE	AND FIN	ANCIAL S	SERVICES			
2016									
September	113.9	110.1	104.0	109.1	113.9	112.5	109.1	99.8	110.5
December	114.6	110.3	106.4	109.5	114.0	112.7	108.1	100.3	111.2
2017									
March	114.9	111.5	107.2	110.3	115.1	112.9	109.0	100.9	111.9
June	114.1	111.4	107.5	109.8	116.1	113.2	109.5	101.3	111.8
September	114.8	112.2	108.2	111.0	116.6	114.0	111.0	100.7	112.5
December 2018	115.9	111.8	108.3	111.6	115.7	113.6	111.5	100.8	112.7
2018 March	115.3	112.7	109.0	112.0	116.3	113.8	112.9	102.1	113.0
June	115.3	112.7	109.0	112.0	116.5	113.8	112.9	102.1	113.0
September	116.4	113.1	1109.6	112.9	117.0	113.3	114.8	101.5	114.1
Copteribei	. 10. 1	. 10.0	. 10.7	. 70. 1			. 1 1.0	.00.0	

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



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Weighted average of eiaht capital Sydney Melbourne Brisbane Adelaide Perth Hobart Darwin Canberra cities Group, sub-group and expenditure class Food and non-alcoholic beverages 0.07 0.10 0.09 0.12 0.10 0.10 0.06 0.10 0.09 0.00 0.00 0.00 0.01 Bread and cereal products 0.00 0.01 0.01 0.01 0.00 Bread 0.01 0.01 0.00 0.01 0.01 0.01 0.01 0.01 0.00 Cakes and biscuits 0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Breakfast cereals 0.000.000.000.000.000.00 0.000.000.00Other cereal products -0.01 0.00 0.00 0.00 -0.010.00 0.00 -0.01 -0.01 Meat and seafoods 0.02 0.01 0.01 0.02 0.00 0.01 0.01 0.02 0.01 Beef and veal 0.01 0.00 0.01 0.01 -0.01 0.00 0.01 0.01 0.01 Pork 0.00 0.00 0.00 -0.01 -0.01 -0.01 0.00 0.00 0.00 Lamb and goat 0.00 0.01 0.01 0.01 0.00 0.00 0.00 0.00 0.01 **Poultry** 0.00 0.00 0.01 0.01 0.01 0.00 0.01 0.00 0.01 Other meats 0.00 0.00 0.00 0.00 0.00 -0.010.00 0.00 0.00 Fish and other seafood 0.00 0.00 0.01 0.00 0.00 0.00 0.01 0.01 0.01 -0.01 0.00 0.00 0.00 -0.01 0.00 0.00 0.00 _0 01 Dairy and related products Milk 0.00 0.00 0.00 0.00 0.00 -0.01 0.00 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 0.00 0.00 0.00 0.00 0.00 -0.01 0.00 0.00 Fruit and vegetables 0.05 0.06 0.05 0.06 0.06 0.08 0.03 0.03 0.05 Fruit 0.05 0.020.040.040.020.05-0.010.000.03Vegetables 0.02 0.01 0.03 0.02 0.03 0.03 0.04 0.02 0.02 Food products n.e.c. 0.00 0.00 0.00 -0.01 0.01 0.00 0.01 0.01 0.00 Eggs 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Jams, honey and spreads 0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.00 0.00 Food additives and condiments -0.010.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.01Oils and fats 0.00 0.00 0.00 0.01 0.00 0.00 0.00 0.00 0.00 Snacks and confectionery 0.00 0.00 -0.010.01 0.00 0.00 0.00 0.00 0.01 Other food products n.e.c. 0.00 0.00 0.01 0.01 0.00 0.00 0.00 0.00 0.00 Non-alcoholic beverages -0.010.00 0.00 0.00 0.00 0.00 -0.01 0.04 -0.01 Coffee, tea and cocoa 0.00 0.01 0.01 0.000.00 0.00 0.00 0.000.01 Waters, soft drinks and juices -0.01 -0.01 0.00 0.00 -0.01 -0.01 -0.02 0.03 0.00 Meals out and take away foods 0.03 0.02 0.02 0.03 0.02 0.02 0.04 0.01 0.03 Restaurant meals 0.01 0.01 0.02 0.00 0.02 0.00 0.01 -0.01 0.00 Take away and fast foods 0.02 0.01 0.02 0.02 0.02 0.03 0.04 0.02 0.02 Alcohol and tobacco 0.11 0.12 0.10 0.07 0.11 0.10 0.08 0.11 0.11 Alcoholic beverages 0.06 0.04 0.06 0.02 0.03 0.04 0.05 0.06 0.05 Spirits 0.00 0.00 0.01 0.01 0.00 0.01 0.00 0.01 0.00 Wine 0.040.03 0.020.000.010.03 -0.010.010.030.03 0.01 0.03 0.02 0.01 0.01 0.04 0.03 0.02 Beer Tobacco 0.05 0.07 0.06 0.07 0.05 0.06 0.07 0.03 0.06 Tobacco 0.05 0.07 0.06 0.07 0.05 0.06 0.07 0.03 0.06 Clothing and footwear 0.01 0.01 0.00 -0.02-0.010.00 -0.03-0.030.01 0.01 Garments 0.00 0.02 0.01 -0.010.01 0.01 0.00 -0.03Garments for men 0.01 0.020.010.010.010.020.020.000.01Garments for women -0.01 -0.01 0.00 0.00 -0.01 0.00 -0.02 -0.01 -0.01 Garments for infants and children 0.00 0.00 0.00 -0.01-0.010.00 0.00 0.00 0.00 Footwear -0.01 0.00 0.01 -0.01 -0.02 0.00 -0.01 0.00 -0.01 Footwear for men 0.00 0.00 0.00 0.00 0.00 -0.01 0.00 0.00 0.00 Footwear for women 0.000.000.02 -0.01-0.010.00 -0.010.000.00Footwear for infants and children 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.01Accessories and clothing services 0.03 0.00 -0.010.01 0.01 -0.01-0.010.00 0.01 Accessories 0.02 0.01 -0.02 0.00 0.01 -0.01 -0.020.00 0.00 Cleaning, repair and hire of clothing and 0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.00 0.01 footwear



					0.4				Weighted average of eight capital
Group, sub-group and expenditure class	Syaney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	cities
	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
Housing	0.18	0.05	0.05	-0.15	0.23	0.39	0.06	0.55	0.11
Rents	0.04	0.03	0.02	0.01	-0.10	0.09	-0.06	0.05	0.01
Rents	0.04	0.03	0.02	0.01	-0.10	0.09	-0.06	0.05	0.01
New dwelling purchase by owner-occupiers New dwelling purchase by	0.05	-0.07	0.05	-0.06	0.01	0.05	0.02	0.09	0.00
owner-occupiers	0.05	-0.07	0.05	-0.06	0.01	0.05	0.02	0.09	0.00
Other housing	0.05	0.09	0.06	-0.11	0.07	0.12	0.04	0.17	0.06
Maintenance and repair of the dwelling	0.02	0.03	0.02	0.01	0.02	0.02	0.01	0.02	0.02
Property rates and charges Utilities	0.03	0.06 -0.01	0.04 -0.08	-0.12 0.00	0.05 0.26	0.09 0.12	0.03 0.06	0.15 0.24	0.04 0.04
Water and sewerage	0.03	-0.01 -0.01	-0.08 0.04	0.00	0.26	0.12	0.06	-0.05	0.04
Electricity	0.01	-0.01	-0.12	-0.03	0.07	0.03	0.02	0.18	0.01
Gas and other household fuels	0.00	0.01	0.00	0.00	0.01	0.01	0.01	0.11	0.01
Furnishings, household equipment and									
services	-0.09	-0.19	-0.12	-0.06	-0.05	-0.06	-0.12	-0.39	-0.12
Furniture and furnishings	0.03	0.03	0.02	0.04	0.02	0.03	0.00	0.04	0.03
Furniture	0.04	0.03	0.02	0.02	0.02	0.03	0.00	0.03	0.03
Carpets and other floor coverings	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Household textiles	0.01	0.00	0.01	0.01	0.00	0.00	-0.01	0.00	0.00
Household textiles	0.01	0.00	0.01	0.01	0.00	0.00	-0.01	0.00	0.00
Household appliances, utensils and tools	0.02	0.01	0.02	0.02	0.02	0.01	0.01	0.02	0.02
Major household appliances	0.02	0.01	0.01	0.00	0.01	0.02	0.02	0.01	0.01
Small electric household appliances Glassware, tableware and household	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00
utensils Tools and equipment for house and	0.00	0.01	0.01	0.01	0.01	-0.01	-0.01	0.01	0.00
garden	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
Non-durable household products	-0.02	-0.01	0.00	-0.01	0.00	-0.01	-0.02	-0.02	-0.01
Cleaning and maintenance products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personal care products	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
Other non-durable household products	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.02	0.00	-0.01
Domestic and household services	-0.13	-0.22	-0.15	-0.11	-0.09	-0.08	-0.10	-0.43	-0.15
Child care	-0.16	-0.25	-0.16	-0.12	-0.12	-0.11	-0.12	-0.45	-0.19
Hairdressing and personal grooming		0.04			0.00		0.04		0.04
services	0.01	0.01	0.00	0.01	0.02	0.02	-0.01	0.02	0.01
Other household services	0.03	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.02
Health Medical products, appliances and	-0.01	-0.03	-0.02	0.00	-0.07	-0.04	0.01	-0.02	-0.02
equipment	0.00	-0.02	-0.02	-0.01	-0.02	-0.02	-0.02	-0.01	-0.01
Pharmaceutical products	0.00	-0.02	-0.02	-0.01	-0.02	-0.02	-0.03	-0.01	-0.01
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	-0.01	-0.01	-0.01	0.01	-0.05	-0.02	0.03	0.00	-0.01
Medical and hospital services	-0.01	-0.01	0.00	0.01	-0.05	-0.02	0.03	0.00	-0.01
Dental services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transport	0.09	0.09	0.07	0.02	0.14	0.20	0.10	0.12	0.09
Private motoring	0.07	0.09	0.07	0.02	0.13	0.20	0.10	0.13	0.08
Motor vehicles	0.00	0.00	-0.03	0.00	-0.01	-0.06	-0.02	-0.04	-0.01
Spare parts and accessories for motor vehicles	0.00	-0.02	0.01	-0.01	-0.01	0.02	0.03	0.00	-0.01
Automotive fuel	0.00	-0.02 0.06	0.01	-0.01 0.05	-0.01 0.06	0.02	0.03	0.00	-0.01 0.06
Maintenance and repair of motor	0.05	0.00	0.04	0.03	0.00	0.10	0.00	0.09	0.00
vehicles	0.01	0.02	-0.01	-0.04	0.04	0.01	0.00	0.00	0.01
Other services in respect of motor	3.01	0.02	5.01	3.01	5.01	3.01	5.00	0.00	0.01
vehicles	0.01	0.03	0.06	0.01	0.05	0.04	0.02	0.07	0.03
Urban transport fares	0.02	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01
Urban transport fares	0.02	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01



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Craum sub group and expanditure along	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	average of eight capital cities
Group, sub-group and expenditure class	• • • • • •	· · · · · · · · ·	onspane	• • • • • • • •	• • • • • •	····	Darwin	• • • • • • •	• • • • • • •
Communication	-0.03	-0.05	-0.05	-0.04	-0.04	-0.04	-0.05	-0.04	-0.04
Communication	-0.03	-0.05	-0.05	-0.04	-0.04	-0.04	-0.05	-0.04	-0.04
Postal services	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Telecommunication equipment and									
services	-0.04	-0.04	-0.04	-0.05	-0.04	-0.04	-0.05	-0.04	-0.05
Recreation and culture	0.24	0.15	0.35	0.26	0.15	0.09	0.47	0.30	0.23
Audio, visual and computing equipment and									
services	0.00	0.00	0.01	0.03	0.01	0.02	0.03	0.01	0.01
Audio, visual and computing equipment	-0.04	-0.02	-0.01	0.00	-0.02	-0.01	-0.01	-0.01	-0.03
Audio, visual and computing media and									
services	0.03	0.03	0.02	0.04	0.02	0.03	0.03	0.02	0.02
Newspapers, books and stationery	-0.01	-0.01	0.00	-0.01	-0.02	-0.01	0.00	-0.02	0.00
Books	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00
Newspapers, magazines and stationery	-0.01	-0.01	0.00	-0.01	-0.01	0.00	0.01	-0.01	0.00
Holiday travel and accommodation Domestic holiday travel and	0.26	0.15	0.31	0.20	0.15	0.06	0.58	0.32	0.22
accommodation	0.09	0.05	0.14	0.01	0.04	-0.05	0.44	0.17	0.08
International holiday travel and									
accommodation	0.18	0.11	0.17	0.19	0.11	0.11	0.14	0.15	0.15
Other recreation, sport and culture	-0.01	0.02	0.03	0.04	0.01	0.01	-0.14	-0.02	0.01
Equipment for sports, camping and									
open-air recreation	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00
Games, toys and hobbies	-0.02	-0.03	-0.03	-0.03	-0.02	-0.04	-0.03	-0.03	-0.03
Pets and related products	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Veterinary and other services for pets	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00
Sports participation	0.02	0.02	0.02	0.04	0.02	0.03	-0.11	0.02	0.02
Other recreational, sporting and cultural									
services	0.00	0.01	0.00	0.03	0.00	0.00	0.00	-0.02	0.00
Education	0.04	-0.02	-0.01	-0.01	-0.01	0.00	0.00	-0.02	0.00
Education	0.04	-0.02	-0.01	-0.01	-0.01	0.00	0.00	-0.02	0.00
Preschool and primary education	-0.02	-0.02	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.02
Secondary education	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tertiary education	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Insurance and financial services	0.03	0.04	0.05	0.02	0.03	-0.03	0.09	-0.05	0.03
Insurance	0.00	0.02	0.01	0.02	0.01	0.01	0.02	0.01	0.01
Insurance	0.00	0.02	0.01	0.02	0.01	0.01	0.02	0.01	0.01
Financial services	0.03	0.01	0.04	0.00	0.02	-0.06	0.07	-0.06	0.03
Deposit and loan facilities (direct									
charges)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Other financial services	0.04	0.01	0.05	0.00	0.02	-0.05	0.07	-0.06	0.02
All groups CPI	0.7	0.2	0.5	0.3	0.6	0.7	0.7	0.7	0.5

Weighted

Separation Sep		INDEX N	UMBERS		PERCENTAGE CH		CONTRIE TO TOTA (ALL GRI	L CPI OUPS	CHANGE IN POINTS CONTRIBUTION
Pool and non-alcoholic beverages 104.9 106.1 106.6 0.5 1.6 18.13 18.22 0.00	Group, sub-group and expenditure class							,	
Bread See Se		• • • • • •	• • • • •	• • • • • •	• • • • • • • • • • •	• • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • •
Bread See Se	Food and non-alcoholic heverages	104.9	106.1	106.6	0.5	1.6	18 13	18 22	0.09
Bereal									
Breekfast coreals									
Other cereal products	Cakes and biscuits	101.4	100.4	100.6	0.2	-0.8	0.72	0.72	0.00
Meat and seafoods 109 1109 1114 0.5 1.4 2.46 2.47 0.01 Bef and weal 124.7 124.0 124.9 0.7 0.2 0.5 0.53 0.01 Pork 108.8 108.7 107.7 -0.9 -1.0 0.34 0.34 0.00 Poultry 100.3 101.8 102.2 0.4 1.9 0.48 0.49 0.01 Other meats 113.4 113.7 113.9 0.2 0.4 0.41 0.41 0.01 Dalay and related products 96.7 97.7 97.5 -0.4 0.8 0.44 0.45 0.01 Milk 96.7 97.5 96.9 -0.6 0.5 0.41 0.41 0.00 Cheese 90.0 100.8 100.6 -0.2 1.6 0.33 0.33 0.00 Full and expeables 90.9 100.8 1.04 1.0 0.5 0.38 0.84 0.0 Fu	Breakfast cereals	90.8	89.8	88.8	-1.1	-2.2	0.14	0.14	0.00
Beef and veal	Other cereal products	90.7	91.5	90.2	-1.4	-0.6	0.19	0.18	-0.01
Pork		109.9	110.9	111.4	0.5	1.4	2.46	2.47	0.01
Lamb and goat						0.2	0.52		0.01
Poultry									
Other meats	· ·								
Fish and other seafood	•								
Daily and related products									
Milk									
Cheese	,								
Disc cream and other dairy products									
Fruit and vegetables 99.8 102.8 104.8 1.9 5.0 2.70 2.75 0.05 Fruit 90.1 93.4 95.6 2.4 6.1 1.24 1.27 0.03 Negetables 109.1 111.8 113.6 1.6 4.1 1.46 1.49 0.03 Pood products n.e.c. 100.8 99.9 100.0 0.1 -0.8 2.44 2.44 0.00 1.2									
Fruit 90.1 90.1 93.4 96.6 2.4 6.1 1.24 1.27 0.03 Vegetables 109.1 111.8 113.6 1.6 4.1 1.46 1.49 0.03 Food products n.e.c. 100.8 99.9 100.0 0.1 -0.8 2.44 2.44 0.00 Eggs 104.1 103.9 102.9 -1.0 -1.2 0.14 0.14 0.00 Eggs 104.1 103.9 102.9 -1.0 -1.2 0.14 0.15 0.15 0.00 Food additives and condiments 96.9 96.6 96.2 -0.4 -0.7 0.33 0.32 -0.01 Olis and fats 108.5 113.3 11.4 0.9 95.3 0.20 0.20 0.00 Snacks and confectionery 102.4 100.9 101.0 0.1 -1.4 1.03 1.03 0.00 Other food products n.e.c. 96.3 94.5 94.7 0.2 -1.7 0.61 0.61 0.00 Non-alcoholic beverages 101.4 102.9 102.7 -0.2 1.3 1.12 1.11 -0.01 Coffee, tea and cocoa 98.9 96.7 97.4 0.7 -1.5 0.25 0.26 0.01 Waters, soft drinks and juices 102.2 105.0 104.4 -0.6 2.2 0.86 0.86 0.00 Meals out and take away foods 111.7 113.3 113.7 0.4 18.8 6.64 6.67 0.03 Restaurant meals 111.1 112.4 112.6 0.2 14 1.8 6.64 6.67 0.03 Restaurant meals 111.1 112.4 112.6 0.2 1.4 1.3 1.3 6.8 8.33 8.44 0.11 Alcoholic beverages 111.0 112.9 114.0 1.0 2.7 5.08 5.13 0.05 Spirits 112.0 114.5 114.8 0.3 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.7 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.7 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.7 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.7 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.7 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.7 2.5 0.96 0.96 0.00 Clothing and footwear 9.5 2.9 4.2 94.4 0.2 -0.8 3.91 3.92 0.01 Garments or men 9.6 2.9 4.2 94.4 0.2 -0.8 3.91 3.92 0.01 Garments for mon 88.1 86.5 86.2 -0.3 -2.2 1.39 1.38 -0.01 Garments for mon 9.5 92.6 90.1 21.9 -2.7 5.7 5.08 5.13 0.06 Footwear for mone 9.5 92.6 90.1 -2.7 5.7 5.7 5.7 5.15 0.15 0.00 Footwear for mone 9.5 92.6 90.1 -2.7 5.7 5.7 5.7 5.15 0.15 0.00 Footwear for mone 9.5 92.6 90.1 -2.7 5.7 5.7 5.7 5.15 0.15 0.00 Footwear for mone 9.5 92.6 90.1 -2.7 5.7 5.7 5.7 5.7 5.7 0.01 Accessories and clothing services 105.6 107.7 108.7 0.99 2.9 0.90 0.91 0.91 0.01 Accessories and clothing services 105.6 107.7 108.7 0.99 2.9 0.90 0.91 0.91 0.01									
Vegetables	9								
Eggs Jams, honey and spreads 104.1 103.9 102.9 -1.0 -1.2 0.14 0.14 0.00 Jams, honey and spreads 101.7 100.2 201.3 1.1 -0.4 -0.15 0.15 0.00 Food additives and condiments 96.9 96.6 96.2 -0.4 -0.7 0.33 0.32 -0.00 Olis and fats 108.5 113.3 114.3 0.9 5.3 0.20 0.20 0.00 Snacks and confectionery 102.4 100.9 101.0 0.1 -1.4 1.03 1.03 0.00 Other food products n.e.c. 96.3 94.5 94.7 0.2 -1.7 0.61 0.61 0.00 Non-alcoholic beverages 101.4 102.7 -0.2 1.13 1.11 11.1 -0.01 Waters, soft drinks and juices 102.2 105.0 104.4 -0.6 2.2 0.86 0.86 0.00 Meals out and take away and fast foods 111.1 112.4 112.6 10.2 </td <td></td> <td>109.1</td> <td>111.8</td> <td>113.6</td> <td>1.6</td> <td>4.1</td> <td>1.46</td> <td>1.49</td> <td>0.03</td>		109.1	111.8	113.6	1.6	4.1	1.46	1.49	0.03
Jams, honey and spreads 101.7 100.2 101.3 1.1 -0.4 0.15 0.15 0.00 Food additives and condiments 96.9 96.6 96.2 -0.4 -0.7 0.33 0.32 -0.01 Olis and fats 108.5 113.3 114.3 0.9 5.3 0.20 0.20 0.00 Snacks and confectionery 102.4 100.9 101.0 0.1 -1.4 1.03 1.03 0.00 Olis and fats 10.5 113.3 114.3 0.9 5.3 0.20 0.20 0.20 0.00 Snacks and confectionery 102.4 100.9 101.0 0.1 -1.4 1.03 1.03 0.00 Olifich food products n.e.c. 96.3 94.5 94.7 0.2 -1.7 0.61 0.61 0.61 0.00 Olifich food products n.e.c. 96.3 94.5 94.7 0.2 -1.7 0.61 0.61 0.61 0.00 Olifich food products n.e.c. 98.9 96.7 97.4 0.7 -1.5 0.25 0.26 0.01 Olifich food products n.e.c. 98.9 96.7 97.4 0.7 -1.5 0.25 0.26 0.01 Olifich food products n.e.c. 98.9 96.7 97.4 0.7 -1.5 0.25 0.26 0.01 Olifich food products n.e.c. 98.9 96.7 97.4 0.7 -1.5 0.25 0.26 0.01 Olifich food food food food food food food foo	Food products n.e.c.	100.8	99.9	100.0	0.1	-0.8	2.44	2.44	0.00
Food additives and condiments 96,9 96,6 96,2 -0.4 -0.7 0.33 0.32 -0.01 Oils and fats 108,5 113,3 114,3 0.9 5.3 0.20 0.20 0.00 Other food products n.e.c. 96,3 94,5 94,7 0.2 -1.7 0.61 0.61 0.01 Non-alcoholic beverages 101,4 102,9 102,7 -0.2 1.3 1.12 1.11 -0.01 Coffee, tea and cocoa 98,9 96,7 97,4 0.7 -1.5 0.25 0.26 0.01 Waters, soft drinks and juices 102,2 105.0 104,4 -0.6 2.2 0.86 0.86 0.00 Meals out and take away foods 111.1 112,4 112.6 0.2 1.4 3.74 3.75 0.01 Take away and fast foods 112,3 114,3 115.1 10,7 2.5 2.90 2.92 0.02 Alcohol and tobacco 136,0 143,5 145,3 1.3	Eggs	104.1	103.9	102.9	-1.0	-1.2	0.14	0.14	0.00
Oils and fats 108.5 113.3 114.3 0.9 5.3 0.20 0.20 0.00 Snacks and confectionery 102.4 100.9 101.0 0.1 -1.4 1.03 1.03 0.00 Other food products n.e.c. 96.3 94.5 94.7 0.2 -1.7 0.61 0.61 0.00 Non-alcoholic beverages 101.4 102.9 102.7 -0.2 1.3 1.12 1.11 -0.01 Coffee, tea and cocoa 98.9 96.7 97.4 0.7 -1.5 0.25 0.26 0.01 Waters, soft drinks and juices 102.2 105.0 104.4 -0.6 2.2 0.86 0.86 0.00 Meals out and take away foods 111.7 113.3 113.7 0.4 1.8 6.64 6.67 0.03 Restaurant meals 111.1 112.4 112.6 0.2 1.4 3.74 3.75 0.01 Alcohol at tobacco 136.0 143.5 145.3 1.5 0.2	Jams, honey and spreads	101.7	100.2	101.3	1.1	-0.4	0.15	0.15	0.00
Snacks and confectionery 102.4 100.9 101.0 0.1 -1.4 1.03 1.03 0.00 Other food products n.e.c. 96.3 94.5 94.7 0.2 -1.7 0.61 0.61 0.00 Non-alcoholic beverages 101.4 102.9 102.7 -0.2 1.3 1.12 1.11 -0.01 Coffee, tea and cocoa 98.9 96.7 97.4 0.7 -1.5 0.25 0.26 0.01 Waters, soft drinks and juices 102.2 105.0 104.4 -0.6 2.2 0.86 0.86 0.00 Meals out and take away foods 111.7 113.3 113.7 0.4 1.8 6.64 6.67 0.03 Restaurant meals 111.1 112.4 112.6 0.2 1.4 3.74 3.75 0.01 Take away and fast foods 112.3 114.3 115.1 0.7 2.5 2.90 2.92 0.02 Alcohol and tobacco 136.0 143.5 145.3 1.3		96.9	96.6	96.2	-0.4	-0.7	0.33	0.32	-0.01
Other food products n.e.c. 96.3 94.5 94.7 0.2 -1.7 0.61 0.61 0.00 Non-alcoholic beverages 101.4 102.9 102.7 -0.2 1.3 1.12 1.11 -0.01 Coffee, tea and cocoa 98.9 96.7 97.4 0.7 -1.5 0.25 0.26 0.01 Waters, soft drinks and juices 102.2 105.0 104.4 -0.6 2.2 0.86 0.86 0.00 Meals out and take away foods 111.7 113.3 113.7 0.4 1.8 6.64 6.67 0.03 Restaurant meals 111.1 112.4 112.6 0.2 1.4 3.74 3.75 0.01 Take away and fast foods 112.3 114.3 115.1 0.7 2.5 2.90 2.92 0.02 Alcohol and tobacco 136.0 143.5 145.3 1.3 6.8 8.33 8.44 0.11 Alcoholic beverages 111.0 112.9 114.0 1.0 <									
Non-alcoholic beverages 101.4 102.9 102.7 -0.2 1.3 1.12 1.11 -0.01									
Coffee, tea and cocoa 98.9 96.7 97.4 0.7 -1.5 0.25 0.26 0.01 Waters, soft drinks and juices 102.2 105.0 104.4 -0.6 2.2 0.86 0.86 0.00 Meals out and take away foods 111.7 113.3 113.7 0.4 1.8 6.64 6.67 0.03 Restaurant meals 111.1 112.4 112.6 0.2 1.4 3.74 3.75 0.01 Take away and fast foods 112.3 114.3 115.1 0.7 2.5 2.90 2.92 0.02 Alcohol and tobacco 136.0 143.5 145.3 1.3 6.8 8.33 8.44 0.11 Alcoholic beverages 111.0 112.9 114.0 1.0 2.7 5.08 5.13 0.05 Spirits 112.0 114.5 114.8 0.3 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.97 2.00 0.03 Beer 117.5 121.6 122.7 0.9 4.4 2.15 2.17 0.02 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Garments for men 96.2 94.2 94.4 0.2 -0.8 3.91 3.92 0.01 Garments for men 96.2 94.2 95.6 1.5 -0.6 0.66 0.67 0.01 Garments for women 88.1 86.5 86.2 -0.3 -2.2 1.39 1.38 -0.01 Garments for women 98.2 94.2 95.6 1.5 -0.6 0.66 0.67 0.01 Garments for women 98.2 94.2 95.6 1.5 -0.6 0.66 0.67 0.01 Garments for women 98.2 94.9 90.8 -1.2 -3.9 0.58 0.57 -0.01 Footwear for men 95.5 92.6 90.1 -2.7 -5.7 0.15 0.15 0.00 Footwear for men 95.5 92.6 90.1 -2.7 -5.7 0.15 0.15 0.00 Footwear for men 95.5 92.6 90.1 -2.7 -5.7 0.15 0.15 0.00 Footwear for infants and children 98.4 98.5 90.0 89.5 -0.6 -4.3 0.34 0.34 0.30 Footwear for infants and children 96.4 98.1 97.3 -0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.01 Accessories and clothing and	•								
Waters, soft drinks and juices 102.2 105.0 104.4 -0.6 2.2 0.86 0.86 0.00 Meals out and take away foods 111.7 113.3 113.7 0.4 1.8 6.64 6.67 0.03 Restaurant meals 111.1 112.4 112.6 0.2 1.4 3.74 3.75 0.01 Take away and fast foods 112.3 114.3 115.1 0.7 2.5 2.90 2.92 0.02 Alcohol and tobacco 136.0 143.5 145.3 1.3 6.8 8.33 8.44 0.11 Alcoholic beverages 111.0 112.9 114.0 1.0 2.7 5.08 5.13 0.05 Spirits 112.0 114.5 114.8 0.3 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.97 2.00 0.03 Beer 117.5 121.6 122.7 0.9 4.4 2.15 2.17 <td>o o</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	o o								
Meals out and take away foods 111.7 113.3 113.7 0.4 1.8 6.64 6.67 0.03 Restaurant meals 111.1 112.4 112.6 0.2 1.4 3.74 3.75 0.01 Take away and fast foods 112.3 114.3 115.1 0.7 2.5 2.90 2.92 0.02 Alcohol and tobacco 136.0 143.5 145.3 1.3 6.8 8.33 8.44 0.11 Alcoholic beverages 111.0 112.9 114.0 1.0 2.7 5.08 5.13 0.05 Spirits 112.0 114.5 114.8 0.3 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.97 2.00 0.03 Beer 117.5 121.6 122.7 0.9 4.4 2.15 2.17 0.02 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
Restaurant meals 111.1 112.4 112.6 0.2 1.4 3.74 3.75 0.01 Alcohol and tobacco 136.0 143.5 145.3 1.3 6.8 8.33 8.44 0.11 Alcoholic beverages 111.0 112.9 114.0 1.0 2.7 5.08 5.13 0.05 Spirits 112.0 114.5 114.8 0.3 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.97 2.00 0.03 Beer 117.5 121.6 122.7 0.9 4.4 2.15 2.17 0.02 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Clothing and footwear 95.2 94.2 94.4 0.2 -0.8 3.91 3.92 0.01 Garments 91.7 90.2 90.4 0.2 -0.8 3.91 3.92 0.01									
Alcohol and tobacco 136.0 143.5 145.3 115.1 0.7 2.5 2.90 2.92 0.02 Alcohol and tobacco 136.0 143.5 145.3 1.3 6.8 8.33 8.44 0.11 Alcoholic beverages 111.0 112.9 114.0 1.0 2.7 5.08 5.13 0.05 Spirits 112.0 114.5 114.8 0.3 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.97 2.00 0.03 Beer 117.5 121.6 122.7 0.9 4.4 2.15 2.17 0.02 Beer 117.5 121.6 122.7 0.9 4.4 2.15 2.17 0.02 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Clothing and footwear 95.2 94.2 94.4 0.2 -0.8 3.91 3.92 0.01	3								
Alcoholic beverages 111.0 112.9 114.0 1.0 2.7 5.08 5.13 0.05 Spirits 112.0 114.5 114.8 0.3 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.97 2.00 0.03 Beer 117.5 121.6 122.7 0.9 4.4 2.15 2.17 0.02 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Garments 91.7 90.2 90.4 0.2 -0.8 3.91 3.92 0.01 Garments for men 96.2 94.2 95.6 1.5 -0.6 0.66 0.67 0.01 Garments for women 88.1 86.5 86.2 -0.3 -2.2 1.39 1.38 -0.01 Garments for infants and children 98.2 97.9 98.2 0.3 0.0 0.38 0.38 0.00 Footwear for men 95.5 92.6 90.1 -2.7 -5.7 0.15 0.15 0.00 Footwear for women 93.5 90.0 89.5 -0.6 -4.3 0.34 0.34 0.00 Footwear for women 93.5 90.0 89.5 -0.6 -4.3 0.34 0.34 0.00 Footwear for infants and children 96.4 98.1 97.3 -0.8 0.9 0.9 0.09 0.08 -0.01 Accessories and clothing services 105.6 107.7 108.7 0.9 2.9 0.9 0.90 0.91 0.01 0.01 Accessories and clothing and									
Alcoholic beverages 111.0 112.9 114.0 1.0 2.7 5.08 5.13 0.05 Spirits 112.0 114.5 114.8 0.3 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.97 2.00 0.03 Beer 117.5 121.6 122.7 0.9 4.4 2.15 2.17 0.02 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Garments 95.2 94.2 94.4 0.2 -0.8 3.91 3.92 0.01 Garments for men 96.2 94.2 95.6 1.5 -0.6 0.66 0.67 0.01 Garments for women 88.1 86.5 86.2 -0.3 -2.2 1.39 1.38 -0.01 Garments for infants and children 98.2 97.9 98.2 0.3 0.0 0.38 0.38 0.00 Footwear for men 95.5 92.6 90.1 -2.7 -5.7 0.15 0.15 0.00 Footwear for women 93.5 90.0 89.5 -0.6 -4.3 0.34 0.34 0.00 Footwear for women 93.5 90.0 89.5 -0.6 -4.3 0.34 0.34 0.00 Footwear for infants and children 96.4 98.1 97.3 -0.8 0.9 0.9 0.09 0.08 -0.01 Accessories and clothing services 105.6 107.7 108.7 0.9 2.9 0.9 0.90 0.91 0.01 0.01 Accessories and clothing and	Alcohol and tohogon	124.0	142 5	145.0	1.2	4.0	0.22	0.44	0.11
Spirits 112.0 114.5 114.8 0.3 2.5 0.96 0.96 0.00 Wine 101.6 101.3 102.6 1.3 1.0 1.97 2.00 0.03 Beer 117.5 121.6 122.7 0.9 4.4 2.15 2.17 0.02 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Clothing and footwear 95.2 94.2 94.4 0.2 -0.8 3.91 3.92 0.01 Garments for men 96.2 94.2 95.6 1.5 -0.6 0.66 0.67 0.01 Garments for wome									
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Beer 117.5 121.6 122.7 0.9 4.4 2.15 2.17 0.02 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Clothing and footwear 95.2 94.2 94.4 0.2 -0.8 3.91 3.92 0.01 Garments 91.7 90.2 90.4 0.2 -1.4 2.43 2.44 0.01 Garments for men 96.2 94.2 95.6 1.5 -0.6 0.66 0.67 0.01 Garments for women 88.1 86.5 86.2 -0.3 -2.2 1.39 1.38 -0.01 Garments for infants and children 98.2 97.9 98.2 0.3 0.0 0.38 0.38 0.00 Footwear 94.5 91.9 90.8 -1.2 -3.9 0.58 0.57 -0.01									
Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Tobacco 185.8 208.1 211.9 1.8 14.0 3.25 3.31 0.06 Clothing and footwear 95.2 94.2 94.4 0.2 -0.8 3.91 3.92 0.01 Garments 91.7 90.2 90.4 0.2 -1.4 2.43 2.44 0.01 Garments for men 96.2 94.2 95.6 1.5 -0.6 0.66 0.67 0.01 Garments for women 88.1 86.5 86.2 -0.3 -2.2 1.39 1.38 -0.01 Garments for infants and children 98.2 97.9 98.2 0.3 0.0 0.38 0.38 0.00 Footwear 94.5 91.9 90.8 -1.2 -3.9 0.58 0.57 -0.01 Footwear for men 95.5 92.6 90.1 -2.7 -5.7 0.15 0.00									
Clothing and footwear 95.2 94.2 94.4 0.2 -0.8 3.91 3.92 0.01 Garments 91.7 90.2 90.4 0.2 -1.4 2.43 2.44 0.01 Garments for men 96.2 94.2 95.6 1.5 -0.6 0.66 0.67 0.01 Garments for women 88.1 86.5 86.2 -0.3 -2.2 1.39 1.38 -0.01 Garments for infants and children 98.2 97.9 98.2 0.3 0.0 0.38 0.38 0.00 Footwear 94.5 91.9 90.8 -1.2 -3.9 0.58 0.57 -0.01 Footwear for men 95.5 92.6 90.1 -2.7 -5.7 0.15 0.15 0.00 Footwear for women 93.5 90.0 89.5 -0.6 -4.3 0.34 0.34 0.00 Footwear for infants and children 96.4 98.1 97.3 -0.8 0.9 0.9 0.0					1.8				0.06
Garments 91.7 90.2 90.4 0.2 -1.4 2.43 2.44 0.01 Garments for men 96.2 94.2 95.6 1.5 -0.6 0.66 0.67 0.01 Garments for women 88.1 86.5 86.2 -0.3 -2.2 1.39 1.38 -0.01 Garments for infants and children 98.2 97.9 98.2 0.3 0.0 0.38 0.38 0.00 Footwear 94.5 91.9 90.8 -1.2 -3.9 0.58 0.57 -0.01 Footwear for men 95.5 92.6 90.1 -2.7 -5.7 0.15 0.15 0.00 Footwear for women 93.5 90.0 89.5 -0.6 -4.3 0.34 0.34 0.00 Footwear for infants and children 96.4 98.1 97.3 -0.8 0.9 0.09 0.08 -0.01 Accessories and clothing services 105.6 107.7 108.7 0.9 2.9 0.90			208.1	211.9					0.06
Garments 91.7 90.2 90.4 0.2 -1.4 2.43 2.44 0.01 Garments for men 96.2 94.2 95.6 1.5 -0.6 0.66 0.67 0.01 Garments for women 88.1 86.5 86.2 -0.3 -2.2 1.39 1.38 -0.01 Garments for infants and children 98.2 97.9 98.2 0.3 0.0 0.38 0.38 0.00 Footwear 94.5 91.9 90.8 -1.2 -3.9 0.58 0.57 -0.01 Footwear for men 95.5 92.6 90.1 -2.7 -5.7 0.15 0.15 0.00 Footwear for women 93.5 90.0 89.5 -0.6 -4.3 0.34 0.34 0.00 Footwear for infants and children 96.4 98.1 97.3 -0.8 0.9 0.09 0.08 -0.01 Accessories and clothing services 105.6 107.7 108.7 0.9 2.9 0.90	Clothing and footwear	95.2	94.2	94.4	0.2	-0.8	3.91	3.92	0.01
Garments for men 96.2 94.2 95.6 1.5 -0.6 0.66 0.67 0.01 Garments for women 88.1 86.5 86.2 -0.3 -2.2 1.39 1.38 -0.01 Garments for infants and children 98.2 97.9 98.2 0.3 0.0 0.38 0.38 0.00 Footwear 94.5 91.9 90.8 -1.2 -3.9 0.58 0.57 -0.01 Footwear for men 95.5 92.6 90.1 -2.7 -5.7 0.15 0.15 0.00 Footwear for women 93.5 90.0 89.5 -0.6 -4.3 0.34 0.34 0.00 Footwear for infants and children 96.4 98.1 97.3 -0.8 0.9 0.09 0.08 -0.01 Accessories and clothing services 105.6 107.7 108.7 0.9 2.9 0.90 0.91 0.01 Accessories 103.9 105.9 107.0 1.0 3.0 0.77	•								
Garments for women 88.1 86.5 86.2 -0.3 -2.2 1.39 1.38 -0.01 Garments for infants and children 98.2 97.9 98.2 0.3 0.0 0.38 0.38 0.00 Footwear 94.5 91.9 90.8 -1.2 -3.9 0.58 0.57 -0.01 Footwear for men 95.5 92.6 90.1 -2.7 -5.7 0.15 0.15 0.00 Footwear for women 93.5 90.0 89.5 -0.6 -4.3 0.34 0.34 0.00 Footwear for infants and children 96.4 98.1 97.3 -0.8 0.9 0.09 0.08 -0.01 Accessories and clothing services 105.6 107.7 108.7 0.9 2.9 0.90 0.91 0.01 Accessories 103.9 105.9 107.0 1.0 3.0 0.77 0.77 0.00 Cleaning, repair and hire of clothing and 105.9 107.0 107.0 1.0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
Footwear 94.5 91.9 90.8 -1.2 -3.9 0.58 0.57 -0.01 Footwear for men 95.5 92.6 90.1 -2.7 -5.7 0.15 0.00 Footwear for women 93.5 90.0 89.5 -0.6 -4.3 0.34 0.34 0.00 Footwear for infants and children 96.4 98.1 97.3 -0.8 0.9 0.09 0.08 -0.01 Accessories and clothing services 105.6 107.7 108.7 0.9 2.9 0.90 0.91 0.01 Accessories 103.9 105.9 107.0 1.0 3.0 0.77 0.77 0.00 Cleaning, repair and hire of clothing and 105.6 107.7 107.0 1.0 3.0 0.77 0.77 0.00	Garments for women	88.1			-0.3		1.39	1.38	
Footwear for men 95.5 92.6 90.1 -2.7 -5.7 0.15 0.15 0.00 Footwear for women 93.5 90.0 89.5 -0.6 -4.3 0.34 0.34 0.00 Footwear for infants and children 96.4 98.1 97.3 -0.8 0.9 0.09 0.08 -0.01 Accessories and clothing services 105.6 107.7 108.7 0.9 2.9 0.90 0.91 0.01 Accessories 103.9 105.9 107.0 1.0 3.0 0.77 0.77 0.00 Cleaning, repair and hire of clothing and 100.0 100.0 1.0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
Footwear for women 93.5 90.0 89.5 -0.6 -4.3 0.34 0.34 0.00 Footwear for infants and children 96.4 98.1 97.3 -0.8 0.9 0.09 0.08 -0.01 Accessories and clothing services 105.6 107.7 108.7 0.9 2.9 0.90 0.91 0.01 Accessories 103.9 105.9 107.0 1.0 3.0 0.77 0.77 0.00 Cleaning, repair and hire of clothing and 100.0 100.0 1.0 100.0 1	Footwear	94.5	91.9	90.8	-1.2	-3.9	0.58	0.57	-0.01
Footwear for infants and children 96.4 98.1 97.3 -0.8 0.9 0.09 0.08 -0.01 Accessories and clothing services 105.6 107.7 108.7 0.9 2.9 0.90 0.91 0.01 Accessories 103.9 105.9 107.0 1.0 3.0 0.77 0.77 0.00 Cleaning, repair and hire of clothing and 100.0 100.0 1.0	Footwear for men	95.5	92.6		-2.7	-5.7	0.15	0.15	0.00
Accessories and clothing services 105.6 107.7 108.7 0.9 2.9 0.90 0.91 0.01 Accessories 103.9 105.9 107.0 1.0 3.0 0.77 0.77 0.00 Cleaning, repair and hire of clothing and 0.00 0.		93.5	90.0	89.5	-0.6	-4.3	0.34	0.34	0.00
Accessories 103.9 105.9 107.0 1.0 3.0 0.77 0.77 0.00 Cleaning, repair and hire of clothing and									
Cleaning, repair and hire of clothing and	· · · · · · · · · · · · · · · · · · ·								
		103.9	105.9	107.0	1.0	3.0	0.77	0.77	0.00
		115.8	119.0	119.2	0.2	2.9	0.13	0.14	0.01

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



GROUP, SUB-GROUP AND EXPENDITURE CLASS, Weighted average of eight capital cities continued

	INDEX N	UMBERS	(a)	PERCENTAGE CH	HANGE	CONTRIE TO TOTA (ALL GR INDEX P	L CPI OUPS OINTS)	CHANGE IN POINTS CONTRIBUTION
Group, sub-group and expenditure class		Jun Qtr 2018	Sep Qtr 2018	Jun Qtr 2018 to Sep Qtr 2018	Sep Qtr 2017 to Sep Qtr 2018	Jun Qtr 2018	Sep Qtr 2018	Jun Qtr 2018 to Sep Qtr 2018
• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • •	• • • • • •	• • • • • • • • • • •	• • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • •
Housing	119.4	120.8	121.3	0.4	1.6	25.55	25.66	0.11
Rents	111.3	111.8	112.0	0.2	0.6	8.08	8.09	0.01
Rents	111.3	111.8	112.0	0.2	0.6	8.08	8.09	0.01
New dwelling purchase by owner-occupiers New dwelling purchase by	118.3	120.6	120.7	0.1	2.0	8.84	8.84	0.00
owner-occupiers	118.3	120.6	120.7	0.1	2.0	8.84	8.84	0.00
Other housing	122.1	123.1	124.9	1.5	2.3	4.06	4.12	0.06
Maintenance and repair of the dwelling	113.4	115.1	116.1	0.9	2.4	2.43	2.45	0.02
Property rates and charges	135.5	135.5 135.0	138.6	2.3	2.3	1.63	1.67	0.04
Utilities Water and sewerage	133.5 117.6	135.0	136.1 119.1	0.8 1.3	1.9 1.3	4.57 1.14	4.61 1.15	0.04 0.01
Electricity	137.9	139.8	140.4	0.4	1.8	2.45	2.46	0.01
Gas and other household fuels	141.4	144.0	145.6	1.1	3.0	0.98	0.99	0.01
Furnishings, household equipment and								
services	105.1	104.2	103.0	-1.2	-2.0	10.36	10.24	-0.12
Furniture and furnishings Furniture	101.0 99.8	98.6 96.7	100.1 98.5	1.5 1.9	-0.9 -1.3	1.84 1.50	1.87 1.53	0.03 0.03
Carpets and other floor coverings	107.8	108.7	98.5 109.0	0.3	-1.3 1.1	0.34	0.34	0.03
Household textiles	91.4	84.2	84.4	0.3	-7.7	0.54	0.54	0.00
Household textiles	91.4	84.2	84.4	0.2	-7.7	0.51	0.51	0.00
Household appliances, utensils and tools	96.4	94.1	95.0	1.0	-1.5	1.69	1.71	0.02
Major household appliances	94.9	92.3	94.2	2.1	-0.7	0.45	0.46	0.01
Small electric household appliances Glassware, tableware and household	91.3	88.4	89.1	0.8	-2.4	0.36	0.36	0.00
utensils Tools and equipment for house and	93.8	91.9	92.7	0.9	-1.2	0.47	0.47	0.00
garden	108.0	106.1	106.2	0.1	-1.7	0.42	0.42	0.00
Non-durable household products	97.4	95.8	95.4	-0.4	-2.1	2.90	2.89	-0.01
Cleaning and maintenance products	95.0	91.5	91.3	-0.2	-3.9	0.28	0.28	0.00
Personal care products	91.4	88.4	88.3	-0.1	-3.4	1.15	1.15	0.00
Other non-durable household products Domestic and household services	102.5 126.5	102.5 129.9	101.8 123.9	-0.7	-0.7	1.47 3.42	1.46 3.27	-0.01
Child care	152.3	157.9	139.3	-4.6 -11.8	–2.1 –8.5	1.56	1.37	–0.15 –0.19
Hairdressing and personal grooming	102.0	137.7	137.3	11.0	0.5	1.50	1.57	0.17
services	112.6	114.6	116.0	1.2	3.0	1.05	1.06	0.01
Other household services	117.7	120.2	122.0	1.5	3.7	0.81	0.83	0.02
Health	130.1	134.7	134.2	-0.4	3.2	6.26	6.24	-0.02
Medical products, appliances and equipment	103.0	105.1	104.1	-1.0	1.1	1.34	1.33	-0.01
Pharmaceutical products	103.7	106.2	105.0	-1.1	1.3	1.18	1.17	-0.01
Therapeutic appliances and equipment	97.5	97.5	97.4	-0.1	-0.1	0.16	0.16	0.00
Medical, dental and hospital services	138.7	144.2	143.9	-0.2	3.7	4.92	4.91	-0.01
Medical and hospital services	143.1	149.5	149.0	-0.3	4.1	4.34	4.33	-0.01
Dental services	112.0	112.7	112.9	0.2	0.8	0.58	0.58	0.00
Transport	100.3	105.5	106.3	0.8	6.0	12.09	12.18	0.09
Private motoring	99.7	105.2	106.0	0.8	6.3	11.26	11.34	0.08
Motor vehicles Spare parts and accessories for motor	93.3	91.7	91.6	-0.1	-1.8	3.05	3.04	-0.01
vehicles	109.5	110.1	109.3	-0.7	-0.2	0.82	0.81	-0.01
Automotive fuel	87.6	104.3	105.8	1.4	20.8	3.69	3.75	0.06
Maintenance and repair of motor vehicles	108.9	110.2	110.8	0.5	1.7	2.18	2.19	0.01
Other services in respect of motor vehicles	126.8	128.0	130.4	1.9	2.8	1.52	1.55	0.03
Urban transport fares Urban transport fares	108.0 108.0	109.7 109.7	110.7 110.7	0.9 0.9	2.5 2.5	0.83 0.83	0.84 0.84	0.01 0.01
orban transport raies	100.0	107.7	110.7	0.9	2.5	0.03	0.04	0.01

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



GROUP, SUB-GROUP AND EXPENDITURE CLASS, Weighted average of eight capital cities continued

	INDEX N	UMBERS	(a)	PERCENTAGE CH	IANGE	CONTRIE TO TOTA (ALL GRO INDEX P	L CPI DUPS	CHANGE IN POINTS CONTRIBUTION
Group, sub-group and expenditure class	Sep Qtr 2017	Jun Qtr 2018	Sep Qtr 2018	Jun Qtr 2018 to Sep Qtr 2018	Sep Qtr 2017 to Sep Qtr 2018	Jun Qtr 2018	Sep Qtr 2018	Jun Qtr 2018 to Sep Qtr 2018
• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • •	• • • • • •	• • • • • • • • • • •	• • • • • • • • • • •	• • • • • • •	• • • • •	• • • • • • • • • • • •
Communication	86.7	84.2	83.0	-1.4	-4.3	2.90	2.86	-0.04
Communication	86.7	84.2	83.0	-1.4	-4.3	2.90	2.86	-0.04
Postal services	114.6	122.8	126.7	3.2	10.6	0.10	0.10	0.00
Telecommunication equipment and								
services	85.5	82.7	81.5	-1.5	-4.7	2.80	2.75	-0.05
30111003	00.0	02.7	01.0	1.0	1.7	2.00	2.70	0.00
Recreation and culture	104.3	103.8	105.5	1.6	1.2	14.09	14.32	0.23
Audio, visual and computing equipment and	75.0	74.0	70.4			0.00		0.04
services	75.9	71.9	72.1	0.3	-5.0	2.02	2.03	0.01
Audio, visual and computing equipment	60.0	55.6	54.6	-1.8	-9.0	1.26	1.23	-0.03
Audio, visual and computing media and								
services	98.8	97.4	100.8	3.5	2.0	0.77	0.79	0.02
Newspapers, books and stationery	112.3	112.6	111.6	-0.9	-0.6	0.81	0.81	0.00
Books	103.0	102.0	100.8	-1.2	-2.1	0.27	0.27	0.00
Newspapers, magazines and stationery	117.6	118.7	117.9	-0.7	0.3	0.54	0.54	0.00
Holiday travel and accommodation Domestic holiday travel and	110.0	110.8	114.5	3.3	4.1	6.54	6.76	0.22
accommodation International holiday travel and	108.5	113.8	116.5	2.4	7.4	3.12	3.20	0.08
accommodation	111.6	108.5	113.2	4.3	1.4	3.41	3.56	0.15
Other recreation, sport and culture Equipment for sports, camping and	111.7	111.6	111.8	0.2	0.1	4.72	4.73	0.01
open-air recreation	104.0	104.1	105.5	1.3	1.4	0.66	0.66	0.00
Games, toys and hobbies	87.2	86.4	83.9	-2.9	-3.8	0.89	0.86	-0.03
Pets and related products	102.8	101.7	101.5	-0.2	-1.3	0.49	0.49	0.00
Veterinary and other services for pets	121.5	123.9	124.5	0.5	2.5	0.42	0.42	0.00
Sports participation	121.4	118.4	120.7	1.9	-0.6	1.06	1.08	0.02
Other recreational, sporting and cultural	121.4	110.4	120.7	1.7	-0.0	1.00	1.00	0.02
services	123.3	126.6	127.0	0.3	3.0	1.20	1.20	0.00
Education	128.7	132.2	132.3	0.1	2.8	4.88	4.88	0.00
Education	128.7	132.2	132.3	0.1	2.8	4.88	4.88	0.00
Preschool and primary education	129.0	133.9	132.0	-1.4	2.3	1.07	1.05	-0.02
Secondary education	132.2	136.6	136.6	0.0	3.3	1.96	1.96	0.00
Tertiary education	125.5	127.2	128.4	0.9	2.3	1.86	1.88	0.02
remary education	123.3	127.2	120.4	0.7	2.5	1.00	1.00	0.02
Insurance and financial services	112.5	113.5	114.1	0.5	1.4	6.52	6.55	0.03
Insurance	124.9	129.2	130.1	0.7	4.2	1.37	1.38	0.01
Insurance	124.9	129.2	130.1	0.7	4.2	1.37	1.38	0.01
Financial services	107.6	107.9	108.3	0.4	0.7	5.15	5.18	0.03
Deposit and loan facilities (direct charges)	102.8	99.2	99.3	0.1	-3.4	0.65	0.65	0.00
Other financial services	108.9	109.7	110.2	0.5	1.2	4.51	4.53	0.02
All groups CPI	111.4	113.0	113.5	0.4	1.9	113.0	113.5	0.5

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



	INDEX NUMBERS(b)			PERCENTAGE CH	CONTRIBUTION TO TOTAL CPI (ALL GROUPS CPI INDEX POINTS)		CHANGE IN POINTS CONTRIBUTION	
	Sep Qtr 2017	Jun Qtr 2018	Sep Qtr 2018	Jun Qtr 2018 to Sep Qtr 2018	Sep Qtr 2017 to Sep Qtr 2018	Jun Qtr 2018	Sep Qtr 2018	Jun Qtr 2018 to Sep Qtr 2018
	• • • • • •	• • • • •	• • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • • • • • • •
All groups CPI	111.4	113.0	113.5	0.4	1.9	113.0	113.5	0.5
All groups CPI, seasonally adjusted	111.3	113.3	113.4	0.1	1.9			• •
Underlying trend series					1.0			
Trimmed mean(c)				0.4	1.8			
Weighted median(c)				0.3	1.7			
International trade exposure series	101 (400.0	100.0	0.0		20.04	20.05	0.01
Tradables	101.6	102.2	103.0	0.8	1.4	39.04	39.35	0.31
Non-tradables	117.4	119.7	120.0	0.3	2.2	73.98	74.16	0.18
Goods and services series								
Goods component	107.9	109.8	110.3	0.5	2.2	60.45	60.74	0.29
Services component	116.1	117.5	117.9	0.3	1.6	52.57	52.77	0.20
All groups CPI including								
Deposit and loan facilities (indirect charges)	112.2	114.0	114.4	0.4	2.0			
Market goods and services								
excluding 'volatile items'								
Goods	107.8	108.5	108.8	0.3	0.9	48.31	48.46	0.15
Services	109.9	110.5	111.5	0.9	1.5	36.97	37.28	0.31
Total	108.7	109.3	109.9	0.5	1.1	85.27	85.74	0.47
All groups CPI excluding								
Food and non-alcoholic beverages	112.6	114.4	114.9	0.4	2.0	94.89	95.29	0.40
Alcohol and tobacco	109.5	110.8	111.2	0.4	1.6	104.69	105.07	0.38
Clothing and footwear	112.0	113.8	114.3	0.4	2.1	109.11	109.59	0.48
Housing	109.0	110.7	111.2	0.5	2.0	87.47	87.84	0.37
Furnishings, household								
equipment and services	112.0	113.9	114.6	0.6	2.3	102.66	103.26	0.60
Health	110.3	111.8	112.4	0.5	1.9	106.76	107.27	0.51
Transport	112.8	114.0	114.5	0.4	1.5		101.32	0.39
Communication	112.1	113.9	114.5	0.5	2.1		110.65	0.53
Recreation and culture	112.4	114.4	114.7	0.3	2.0	98.93	99.19	0.26
Education	110.8	112.4	112.9	0.4	1.9	108.14	108.62	0.48
Insurance and financial services	111.3	113.0	113.5	0.4	2.0	106.50	106.95	0.45
Housing, Insurance and							04	
financial services	108.8	110.5	111.0	0.5	2.0	80.95	81.29	0.34
Medical and hospital services	110.2	111.7	112.3	0.5	1.9	108.68	109.18	0.50
Food and energy	112.7	113.8	114.2	0.4	1.3	91.51	91.83	0.32
'Volatile items'	112.6	113.6	114.0	0.4	1.2	106.63	107.00	0.37

not applicable

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

⁽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

- 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 2011 Australian Statistical Geography Standard (ASGS) Greater Capital City Statistical Areas. 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* (cat. no. 6461.0).
- 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 alcohol, men's and women's clothing, project homes, motor vehicles, petrol and holiday travel and accommodation. In the case of transactions data, revenue and quantity data are collected on a weekly basis. 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 17th 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 formerly been made at approximately six yearly intervals to take account of changes in household spending patterns. From the introduction of the 17th series CPI in December quarter 2017, the weights are now updated annually. The Household Expenditure Survey (HES) is used to re-weight the CPI in the years where it is available, currently six-yearly. In inter-HES years, Household Final Consumption Expenditure (HFCE) data from the National Accounts is used as the primary data source for updating the weights. The CPI now comprises seventeen 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

PRICES

WEIGHTING PATTERN

WEIGHTING PATTERN continued

cities are published in Consumer Price Index: Historical Weighting Patterns, 1948 - 2017 (cat. no. 6431.0). The 17th 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 Consumer Price Index: 17th Series Weighting Pattern (cat. no. 6473.0). 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:

September Quarter 2018 = 113.5 (see Table 1)

Less September 2017 = 111.4 (see Table 1)

Change in index points = 2.1

Percentage change = $2.1/111.4 \times 100 = 1.9\%$ (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 1.11 index points to the total All groups index number of 113.5 for the September Quarter 2018. 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 'AII 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 17th series, 57 out of the 87 expenditure classes were classified as seasonal. A description of which series are currently seasonally adjusted is published in the Appendix of every December quarter issue of Consumer Price Index, Australia (cat. no. 6401.0), following the annual seasonal reanalysis.
 - Underlying trend series, 'Trimmed means' 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:

ANALYTICAL SERIES continued

- 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.
- 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 the Appendix of the December quarter 2017 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 17th 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 December quarter 2016. There were eight changes of classification outlined in the September quarter 2016 feature article 'Review of the Consumer Price Index International Trade Exposure Series' (cat. no. 6401.0): breakfast cereals; waters, soft drinks and juices; gas and other household fuels; therapeutic appliances and equipment; and newspaper, magazines and stationery were reclassified from non-tradables to tradables: and spirits; tobacco; and pharmaceutical products were reclassified from tradables to non-tradables. These changes are included from the December quarter 2016. The historical tradables and non-tradables series will not be revised. A description of which expenditure classes are tradables or non-tradables is published in the Appendix of the December quarter 2017 issue of Consumer Price Index, Australia (cat. no 6401.0).
- 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.
- 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

ROUNDING

SEASONALLY ADJUSTED INDEXES

SEASONALLY ADJUSTED INDEXES continued

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 June quarter 2018 then the most significant revisions will be to December quarter 2017 and June quarter 2017). 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:
 - An update on the Annual Re-weighting of the Australian CPI and Living Cost Indexes, August 2018 (cat. no. 6401.0.60.006)

RELATED PUBLICATIONS continued

- Information Paper: Introduction of the 17th Series Australian Consumer Price Index, 2017 (cat. no. 6470.0.55.001)
- Consumer Price Index: 17th Series Weighting Pattern, Sep 2017 (cat. no. 6473.0)
- Consumer Price Index: Historical Weighting Patterns, 1948 2017 (cat. no. 6431.0)
- A Guide to the Consumer Price Index: 17th Series, 2017 (cat. no. 6440.0)
- Information Paper: An Implementation Plan to Annually Re-weight the Australian CPI, 2017 (cat.no. 6401.0.60.005)
- Information Paper: An Implementation Plan to Maximise the Use of Transactions

 Data in the CPI, Jun 2017 (cat.no. 6401.0.60.004)
- 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)
- Information Paper: Making Greater Use of Transactions Data to compile the Consumer Price Index, Australia, 2016 (cat. no. 6401.0.60.003)
- A Guide to the Consumer Price Index, 16th Series (cat. no. 6440.0)
- Consumer Price Index: Concepts, Sources and Methods (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: Correspondence 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.

INFORMATION F O R MORE

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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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