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#### CONSUMER PRICE INDEX - JUNE QUARTER 1971

Reference No. 9 1

19 JUVal 12 tions in retail prices as measured by the Consumer Price Index for the six State capital cities and Camberra are shown herein.

2. Compared with the previous quarter, the All Groups Consumer Price Index for June Quarter 1971 increased by 1.7% for the weighted average of the six State capital cities. Changes in individual cities were: Sydney +2.0%, Melbourne +1.3%, Brisbane +1.8%, Adelaide +2.2%, Perth +1.4%, Hobart +1.2%, Canberra +1.8%.

Recent quarterly changes in the All Groups index have been as follows:

### Percentage Change from Preceding Quarter

	State Capital Cities - Combined and Separately								
Quarter	Six Capitals (a)	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra	
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Ier cent	Per cent	
1968-69 -	<b>}</b>								
June	+0.8	+0.8	+0.6	+0.5	+0.9	+1.3	+0.5	+0.4	
1969-70 -	}		•						
September	+0.6	+0.7	+0.4	+0,8	+0.5	+0.7	+0.4	+0.8	
December	+0.8	+1.1	+0.7	+0.7	+0.4	+0.9	+0.7	+0.7	
March	+1.0	+1.6	+0.6	+0.9	+1.0	+1.1	+0.7	+1.2	
June	+1.3	+1.4	+1.1	+0.7	+1.5	+1.4	+0.6	+0.9	
1970-71 -		}				,		_	
September	+0.6	+0.9	+0.5	+1.3	-0.1	+0,2	+0.5	+0.6	
December	+1.9	+2.0	+1.7	+2.0	+1.7	+1.7	+2.0	+3.2	
March	+1.1	+1.0	+1.0	+1.6	+1.0	+1.1	+0.7	+0.4	
June	+1.7	+2.0	+1.3	+1.8	+2.2	+1.4	+1.2	+1•8	

(a) Weighted average of six State capital cities.

4. The All Groups index number for the weighted average of the six State capital cities increased by 5.4% between June Quarter 1970 and June Quarter 1971. Recent quarterly changes in each of the groups of this index have been as follows:

Weighted Average of Six State Capital Cities Percentage Change from Preceding Quarter									
Food.	Clothing and Drapery	Housing	Household Supplies and Equipment	Miscel- laneous	All Groups				
Per cent	Per cent	Per cent	Per cent	Per cent	Per cent				
+0.9	8,0+	+1.4	+0.7	+0.4	+0.8				
+0.5	+0.8 +1.1	+1.4 +1.7	+0.2	+1.0 +0.8	+0.6 +0.8				
+1.5	+0.7	+1.3	+0.1	+1.0	+1.0				
+1.3	+0.9	+1.8	+0,7	+1.3	+1.3				
+0.7	+0.3	+1.6	+0.7	+0.2	+0.6				
+0.3	+1.2	+1.4	+1.1	+1.6	+1.9 +1.1 +1.7				
	Food  Per cent +0.9 -0.5 +1.5 +1.3 +0.7 +1.0	Fercentage  Clothing and Drapery  Per cent Per cent  +0.9 +0.8	Fercentage Change from  Clothing and Drapery  Per cent Per cent Per cent  +0.9 +0.8 +1.4  +0.5 +1.1 +1.7  +1.5 +0.7 +1.3  +1.3 +0.9 +1.8  +0.7 +0.3 +1.6  +1.0 +1.6 +2.1  +0.3 +1.2 +1.4	Percentage Change from Preceding Q   Household Supplies and Equipment	Percentage Change from Preceding Quarter   Clothing and Drapery   Housing Supplies and Equipment   Laneous   Laneo				

- 5 A detailed description of the Consumer Price Index is contained in Labour Report No. 54, 1968 and 1969.
- 6. The Consumer Price Index measures quarterly variations in prices of commodities and services as affecting a high proportion of the expenditure of wage-earner households in the aggregate. Changes in the pattern of this expenditure since 1950 have been such as to render it necessary to construct the index with additional items and changes in weighting patterns at intervals (rather than on the basis of a list of items and set of weights which remained unchanged throughout the period). Six series for short periods, viz., September Quarter 1948 to June Quarter 1952; June Quarter 1952 to June Quarter 1956; June Quarter 1956 to March Quarter 1960; March Quarter 1960 to December Quarter 1963; December Quarter 1963 to December Quarter 1968; and from December Quarter 1968 have therefore been constructed and linked to form a continuous retail price index series published herein as the Consumer Price Index. At times of linking the weighting pattern was altered and, in addition, new items (mainly ones that had become significant in household expenditure) were introduced. In each period between links the items and weighting have remained unchanged.
- 7. The quarterly prices for food items used in the index are the averages of prices normally collected as at the middle of each of the three months of the quarter. However, for potatoes and for onions from December quarter 1968, weekly prices are averaged to arrive at monthly prices. Prices of all non-food items are collected at regular quarterly intervals (or at annual intervals with items such as local government rates and seasonal clothing) normally as at the middle of the mid-month of each quarter. However, for furniture, major household appliances and motoring items (other than motor car) the collection is made during the first month of each quarter to facilitate field collection arrangements.
- 8. The indexes measure price movements in each city individually. They do not provide a comparison of the retail price level in any city with the retail price level of any other city.
- 9. Table 1 on page 5 of this Bulletin shows Consumer Price Index numbers for each fiscal year from 1961-62 to 1970-71 and for each quarter from March Quarter 1967. Table 2 on pages 6 and 7 shows Group Index numbers quarterly from March Quarter 1969 to June Quarter 1971.
- Movements of the indexes from one date to another are usually expressed as percentage changes rather than changes in the "index points" because "index point" changes are affected by the level of the index in relation to its base period while percentage changes are not. In this bullctin details are given in terms of percentage changes in paragraphs 2, 3 and 4. However, the analysis in paragraph 11 shows movements in terms of All Groups "index points". This analysis shows the contribution of selected atems and of the five groups to movements in the total indexes. The following example illustrates the computation of "index point" and percentage changes:

All Groups: Weighted Average of Six State Capital Cities

Index Point Change		Percentage Change					
June Quarter 1971 CPI (1966-67 = 100) Less March Quarter 1971 CPI Index points difference	117•2 <u>115•2</u> 2•0	Index points difference divided by the index for the previous period  117.2 - 115.2 x 100 = 1.7%					

The following table is provided to assist interpretation of movements shown by the Consumer Price Index from March Quarter 1971 to June Quarter 1971. A supplement (Reference No. 9.7) containing more detailed information for the weighted average of the six State capital cities is available on request.

#### CONSUMER PRICE INDEX

# Movements from March Quarter 1971 to June Quarter 1971 Approximate Analysis in Terms of "All Groups" Index Points (a) (b)

	State Capital Cities - Combined and Separately							
Group	Six Capitals (c)	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra
		I	ndex Point	s (a)				
Food - Meat		0 0	۵ ۵	0.0	+0.2	+0.4		+0.1
Potatoes	+0.1	+0.1	+0.2		+0.2		-0.1	+0 - 1
Dairy Produce	+0.2	+0.1	+0.2	+0.6	+0.1	+0.1	••	+0.1
Other	+0.3	+0.5	+0.1	+0.3	+0.2	+0.2	+0.3	+0.5
Clothing & Drapery	+0.4	+0.4	+0.4	+0.4	+0.5	+0.4	+0.5	+0.4
Housing	+0.3	+0.5	+0.3	+0.4	+0.2	+0.1	+0.1	+0.1
Household Supplies	1							
and Equipment	+0.3	+0.3	+0.2	+0.2	+0.3	+0.2	+0.3	+0.2
Miscellaneous -	1			-	ŀ			l .
Motoring	+0.1	+0.2	+0.1	+0.2	+0.1	+0.1	+0.1	+0.1
Beer	+0.1	+0.3	ه ه	• •		0 0		+0.3
Health Services	+0.1	٠.	0.0		+0.4			l
Fares		• •	0.0		+0.2		••	1
Other	+0.1		0.0		+0.1	+0.1	+0.2	+0.1
Total Change (Index Points)	+2.0	+2.4	+1.5	+2 • 1	+2.5	+1.6	+1.4	+2.0

(a) See explanation in paragraph 10 on page 2. (b) In terms of 1966-67 base.

(c) Weighted average of six State capital cities.

12. A summary of the movements of the various group indexes, together with the main quarterly price changes which affected the index between March Quarter 1971 and June Quarter 1971 is shown below:

Food Group. Changes in meat and potato prices are frequently the major cause of movements in the total index and of disparate movements between cities. The effects of changes in the price of these items in each city for this quarter are shown in the above table.

The price of bread increased in five capital cities. The price of milk increased in three capitals and decreased in one. Egg prices increased in six capitals and decreased in one. Confectionery prices increased in all capital cities and ice cream prices increased in four capitals.

The Food Group of the index (weighted average of the six State capital cities) showed an overall quarterly increase of 1.8%.

Clothing and Drapery Group. There were increases in all sections of the group with about half of the increase being contributed by winter seasonal items.

The group index for the weighted average of the six State capital cities showed a quarterly increase of 2.6%.

Housing Group. Local government rates and charges increased in Sydney and Melbourne. There were increases in all State capital cities in all other sections of the group.

The group index for the weighted average of the six State capital cities showed a quarterly increase of 1.9%.

Household Supplies and Equipment Group. The price of gas increased in Sydney and the price of electricity in Adelaide. There were increases in all other sections of the group.

The group index for the weighted average of the six State capital cities showed a quarterly increase of 1.9%.

Miscellaneous Group. There were increases in the prices of hospital services and fares in Adelaide. Beer prices increased in Sydney and Canberra. The price of petrol increased in six capital cities and decreased in Melbourne. There were increases in the price of motor car repairs and some other motoring items in all capital cities. There were increases in most other sections of the group.

The group index for the weighted average of the six State capital cities showed a quarterly increase of 1.1%.

### J. P. O'NEILL ACTING COMMONWEALTH STATISTICIAN

## COLLOW/EALTH BUREAU OF CENSUS AND STATISTICS

C.NBERRA, A.C.T. 2600. 19 JULY 1971

NONE: Inquiries concerning these statistics may be made in Canberra by telephoning 63 9111 extension 2054 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.

TABLE 1.
CONSUMER PRICE INDEX

## ALL GROUPS - SIX STATE CAPITAL CITIES AND CANBERRA

(Base of Index for Each City and for Six State Capital Cities combined:
Year 1966-67 = 100.0) (a)

•	State Capital Cities - Combined and Separately								
Period	Six Capitals (b)	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra	
Year -									
1961 <b>-</b> 62	89.6	89.9	89.8	88.4	89.5	88.2	90.7	91.6	
1962-63	89.8	90.4	89.7	88.7	89.1	88.7	90.7	91.8	
1963 <b>-</b> 64	90.6	91.4	90.4	89.6	90.2	89.8	91.7	92.5	
1964-65	94.0	94.5	94.0	93.0	93.9	92.6	94.6	95.3	
1965-66	97•4	97.7	97•5	97.5	97.0	96.1	98.0	98.1	
1966-67	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
1967-68	103.3	103.2	103.7	103.3	102.9	102.9	104.6	102.6	
1968-69	106.0	106.2	106.2	105.5	105.3	105.5	106.1	104.4	
1969-70	109.4	110.6	108.7	108.4	108.2	109.4	108.5	107.4	
1970-71	114.6	116.8	113-1	114.2	112.5	114 - 1	112.6	113.0	
Quarter - 1966-67 -		<u> </u>							
March	100.1	100.1	100.0	100.3	100.2	100.3	100.6	100.1	
June	101.3	101.1	101.6	101.0	101.5	101.6	101.5	101.3	
1967-68 - September	102.7	102.5	102.9	102.8	102.6	102.0	104.3	102.2	
December	103.0	102.9	103.3	103.0	102.1	102.5	105.0	102.4	
March	103.4	103.2	103.8	103.7	102.6	103.1	104.6	102.6	
June	104.2	104.0	104.8	103.7	104.2	104.0	104.6	103.2	
1968-69 -	1	ļ		,	, i		' '		
September	104.6	104.4	105.1	104.7	104.2	104.3	105.0	103.5	
December	105.7	105.9	106.0	105.3	105.2	104.9	105.B	103.9	
March	106.4	106.7	106.6	105.8	105.5	105.6	106.5	104.8	
June	107.2	107.6	107.2	106.3	106.4	107.0	107.0	105.2	
1969-70 -	1 .07 .0		40- 6				]		
September	107.8	108.4	107.6	107.2	106.9	107.7	107.4	106.0	
December March	108.7	109.6	108.3	107.9	107.3	108.7	108.1	106.7	
June	111.2	111.3	108.9	108.9	108.4	109.9	108.9	108.0	
1970-71 -	11102	112.9	110.1	109.7	110.0	111.4	109.6	109.0	
September	111.9	113.9	110.7	111.1	109.9	111.6	110.2	109.7	
December	114.0	116.2	112.6	113,3	111.8	113.5	112.4	113.2	
March	115.2	117.4	113.7	115.1	112.9	114.8	113.2	113.6	
June	117.2	119.8	115.2	117.2	115.4	116.4	114.6	115.6	
(a) Figures an		de an de la constitución de la c			134410 03	100		<u></u>	

(a) Figures appearing after the decimal point possess little significance for general statistical purposes. They are inserted to avoid the distortions that would occur in rounding off the figures to the nearest whole number. (b) Weighted average of six State capital cities.

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## TABLE 2.

#### CONSUMER PRICE INDEX

## GROUP INDEXES - SIX STATE CAPITAL CITIES AND CANBERRA

(Base of Each Group Index for Each City and for Six State Capital Cities combined: Year 1966-67 = 100.0) (a)

	Year $1966-67 = 100.0$ ) (a)								
State Capital Cities - Combined and Separately							i		
Quarter	Six Capitals (b)	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra	
FOOD GROUP									
1968-69 -							<del></del>		
March	105.7	105.0	107.1	105.1	105.8	104.1	105.1	104.8	
June	106.6	105.9	107.8	105.5	106.7	106.9	105.8	105.3	
1969-70 -		,.,	,	,.,			100.0	100.5	
September	106.6	105.5	107.9	106.2	106.3	106.9	105.6	105.7	
December	107.1	106.7	108.2	106.9	106.3	106.1	106.0	106.3	
March	108.7	109.0	109.2	108.6	107.1	108.4	106.9	107.4	
June	110.1	110.0	110.9	109.1	108.6	111.0	106.9	108.5	
1970-71 -							,	1 100,	
September	110.9	110.8	112.2	110.5	108.2	111.2	108.4	109.5	
December	112.0	112.2	112.8	112.8	108.8	111.3	110.1	110.7	
March	112.3	113.0	112.1	113.9	109.4	112.7	109.5	110.1	
June	114.3	113.0 115.1	113-7	116.8	111.5	114.9	110.2	112.4	
		C	NA DNIHTOL	D DRAPERY				<del></del>	
1968-69 -			<u> </u>		<del></del>		1		
March	104.4	104.4	104.3	104.4	104.6	104.7	104.7	104.3	
June	105.2	105.0	105.1	105.2	105.6	105.5	105.3	105.0	
1969-70 -		,	''''	,.=	103.0		100	100.0	
September	106.0	106.0	105.9	105.8	106.2	106.4	106.2	105.9	
December	107.2	107.1	107.0	107.0	107.8	107.5	107.6	107.0	
March	107.9	107.9	107.8	107.7	108.4	108.0	108.2	107.9	
June	108.9	108.8	108.8	108.8	109.8	109.1	109.4	109.0	
1970-71 -			i 1		í		->	,	
September	109.2	109.2	109.0	109.2	110.0	109.4	109.5	109.2	
December	110.9	110.9	110.7	110.9	111.6	111,2	111.0	110.7	
March	112.2	112.4	111.8	112.1	112.8	112.7	112.0	111.8	
June	115.1	115.3	114.6	114.7	115.8	115.7	115.0	114.9	
			HOUSI	NG GROUP					
1968-69 -	7			<del></del>			T	T	
March	109.7	111.2	108.4	110.0	105.3	113.7	109.4	102.1	
June	111.2	113.3	109.7	110.7	106,3	115.1	110.1	102.4	
1969-70 -	1		' '				' ' ' '	l '~- <i></i>	
September	112.8	115.7	110.5	112.7	107.4	117.0	110.6	102.7	
December	114.7	118.3	111.8	113.0	108.9	119.9	112.3	103.2	
March	116.2	120.8	112.6	113.6	109.9	121.2	113.2	106.0	
June	118.3	124.8	113.7	114.1	111.0	122.1	114.1	106.4	
1970-71 -			''''			,,	1	'~~.4	
September	120.2	128.1	114.4	115.9	111.7	122.7	115.0	106.9	
December	122.7	130.1	117.6	116.8	116.0	125.5	117.0	118.8	
March	124.4	132.4	118.7	118.9	117.2	126.9	118.2	119.4	
June	126.8	135.6	120.6	121.4	_118.5	127.6	119.2	120.0	
(a) Figures a	ppearing af	ter the	decimal po	int posses	s little s	imifica	nce for	general	

statistical purposes. They are inserted to avoid the distortions that would occur in rounding off the figures to the nearest whole number. (b) Weighted average of six State capital cities.

## TABLE 2. - Continued CONSUMER PRICE INDEX

## GROUP INDEXES - SIX STATE CAPITAL CITIES AND CANBERRA

(Base of Each Group Index for Each City and for Six State Capital Cities combined : Year 1966-67 = 100.0) (a)

State Capital Cities - Combined and Separately										
Quarter	Six Capitals	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra		
	(b)		<u> </u>			<u> </u>	<u> </u>	<u></u>		
HOUSEHOLD SUPPLIES AND EQUIPMENT GROUP										
1968-69 -										
March	103.0	103.3	102.8	104.7	101.4	102.3	104.7	100.7		
June	103.7	104.3	103.6	104.8	101.5	102.6	105.2	101.0		
1969 <b>-7</b> 0 -										
${ t September}$	103.7	104.3	103.5	105.2	101.5	102.7	105.5	101.4		
December	103.9	104.5	103.6	105.2	101.6	103.6	105.8	101.7		
March	104.0	105.0	103.1	105.5	101.9	103.8	106.3	101.9		
June	104.7	105.5	103.8	105.9	102.9	104.8	106.9	102.5		
1970-71 -										
September	105.4	106.5	104.4	106.5	103.5	105.8	107.6	104.0		
December	106.6	108.6	105.1	107.5	104.3	106.7	108.4	104.2		
March	107.8	109.6	106.1	109.2	105.6	108.4	109.1	104.5		
June	109.8	112.4	107.4	110.6	108.1	109.7	1111.6	106.0		
	٠,		MISCELLA	NEOUS GROU	P					
1968-69 -					1	, i				
March	108.5	109.8	108.6	106.3	107.9	105.9	109.0	108.7		
June	108.9	110.2	108.6	106.6	109.2	106.5	109.4	108.9		
1969-70 -	-				'		' '	}		
September	110.0	111.6	109.1	107.9	110.4	107.5	110.0	110.4		
December	110.9	112.8	109.9	108.5	110.5	109.8	110.4	111.6		
March	112.0	114.3	110.3	109.5	112.4	110.5	111.2	113.1		
$\mathtt{June}$	113.5	116.1	111.5	110.7	114.8	111.5	112.5	<b>114.</b> 3		
1970-71 -	1							_		
September	113.7	116.4	111.6	112.9	114.2	110.9	112.2	114.7		
December	117.5	120.4	115.0	116.6	117.3	115.2	116.3	119.3		
March	119.4	121.4	118.0	119.5	118.9	116.1	118.3	120.7		
June	120.7	123.1	118.7	120.3	121.9	116.9	119-4	122.5		
			ALI	GROUPS						
1968-69 -	7		T	,			T	<u> </u>		
March	106.4	106.7	106.6	105.8	105.5	105.6	106.5	104.8		
${ t June}$	107.2	107.6	107.2	106.3	106.4	107.0	107.0	105.2		
1969-70 <b>-</b>						· ·		I		
September	107.8	108.4	107.6	107.2	106.9	107.7	107.4	106.0		
December	108.7	109.6	108.3	107.9	107.3	108.7	108.1	106.7		
March	109.8	111.3	108.9	108.9	108.4	109.9	108.9	108.0		
June	111.2	112.9	110.1	109.7	110.0	111.4	109.6	109.0		
1970-71 -		1								
September	111.9	113.9	110.7	111.1	109.9	111.6	110.2	109.7		
December	114.0	116.2	112.6	113.3	111.8	113.5	112.4	113.2		
March	115.2	117.4	113.7	115.1	112.9	114.8	113.2	113.6		
June	117.2	119.8	115-2	117.2	115.4	116.4	114.6	115.6		
(a) Figures a	ppearing a	fter the	decimal po	pint posses	s little :	signific	ance for	general		
statistical p	urposes. !	They are	inserted t	o avoid th	ne distort:	ions tha	t would	occur in		
rounding off		s to the	nearest wh	ole numbe:	r. (b) We:	ighted a	verage o	f six State		
capital citie	capital cities.									