



PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING SIX STATE CAPITAL CITIES AUGUST 1981

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MAIN FEATURES

All groups index	Change between—	
	July 81 and August 81	August 80 and August 81
	%	%
Sydney	+0.8	+10.0
Melbourne	+0.3	+7.7
Brisbane	+0.8	+9.9
Adelaide	+0.4	+9.4
Perth	+0.4	+8.7
Hobart	+0.3	+8.1
Weighted average of six State capital cities	+0.6	+9.1

Linking of old and new series

4. A technical note showing a method of linking the revised index groups to previous index groups, so that series from the revised index can be converted to the reference base of the previous index, is available on request.

5. For users of the index numbers previously published in the publication *Price Index of Electrical Installation Materials* (6409.0), a technical note showing a method of converting the 'Electrical materials' index numbers presented in Table 5 of this publication, to the reference base of the previous index (1959-60 = 100.0) is also available on request.

6. For any given period, price movements shown in the revised index will not necessarily be the same as price movements in the previous index for a variety of reasons. In particular it should be noted that:

- While the list of materials included in the revised 'All groups' indexes includes many of the materials used to compile the previous 'All groups' indexes, it excludes materials which are no longer important and includes new important materials.
- The weights used to combine the prices of the materials included in the revised 'All groups' indexes are more up-to-date and differ from the weights used to combine prices of materials included in the previous 'All groups' indexes.
- The material composition of the groups included in the revised index differs significantly from the material composition of the previous groups.

EXPLANATORY NOTES

Introduction

The Price Index of Materials Used in Building Other than House Building contained in this publication replaces the previous index which had a reference base of 1966-67 = 100.0. A detailed description of the revised index is given in the Appendix to the February 1981 publication. A detailed description of the previous index is contained in *Labour Report No. 58, 1973*.

2. This publication also contains revised index numbers for 'Electrical materials' which replace the index numbers previously released in the publication *Price Index of Electrical Installation Materials* (6409.0) which was discontinued in February 1981.

3. The revised Price Index of Materials Used in Building Other than House Building has been compiled for each month from July 1979 on a reference base 1979-80 = 100.0. Index numbers for 1979-80 are simple averages of the monthly index numbers.

Scope and composition

7. The index measures changes in prices of selected materials used in the construction of buildings other than houses. It includes 68 items combined into 10 industry of origin groups and an 'All groups' index. Table 1 presents 'All groups' index numbers for the weighted average of the six State capital cities and for each of the capital cities separately. Although many of the selected materials are

also used in house building, in building repair, maintenance and alteration work, and in *engineering construction* work (e.g. projects such as roads, dams, bridges and the like), the weighting pattern of the index is not applicable to these other activities of the construction industry. In addition, since the weights are based on an average materials usage over a range of types of building within the defined area (building other than house building), the index is not necessarily applicable to any specific building or type of building.

Items and weights

8. The index is a fixed weights index. The items were selected and allocated weights in accordance with the estimated average values of materials used in the construction of buildings other than houses commenced in the six State capital cities in the three years ended June 1977. The same weighting pattern is used for all State capital cities and is applied to local price measures for calculating index numbers for each State capital city.

Classifications used

9. The selected materials have been combined into broad groups on an *industry of origin* basis. Table 2 presents index numbers for groups defined in terms of the Groups (3 digit-level) of the 1978 edition of the *Australian Standard Industrial Classification* (ASIC); the percentage contributions for individual materials and groups are shown in Table A1 of the Appendix to the February 1981 issue of this publication. The 'industry of origin' is not necessarily identical with the industry which supplies the materials to builders. The 'industry of origin' is the industry in which the material is *primarily produced*, determined in accordance with the classification rules of the ASIC. For instance, many of the materials are sold to builders by wholesalers, but the materials are classified to the appropriate producing industries, rather than the wholesale trading industries. Some materials used in constructing buildings in Australia are imported. Imported materials are allocated to the same industry of origin as Australian produced materials.

Prices

10. Prices are collected at the mid-point of the month to which the index refers, or the nearest trading day. They relate to specified standards of each material and are obtained from representative suppliers of materials used in building. In general the point of pricing is *delivered on site* but in some cases it has been necessary to use the nearest realistic price available, e.g. 'delivered to electrical contractors' store'. Local prices are used in the indexes for each capital city. As far as possible, *actual transaction prices* are used in the index as distinct from 'list prices'.

11. The Appendix to the February 1981 issue of this publication contains detailed explanations of:

- treatment of discounts
- measurement of price change for materials supplied to individual order.

Index numbers for selected materials

12. Table 3 contains index numbers for selected materials used in constructing buildings other than houses for the weighted average of the six capital cities. In general these indexes relate to either single items or combinations of items as shown in the weighting pattern published in Table A1 of the Appendix to the February 1981 issue of this publication. Table 4 contains index numbers for selected major materials for each State capital city separately.

Index numbers for special combinations of materials

13. Table 5 contains index numbers for the following special combinations of materials, for each State capital city and the weighted average of the six capital cities.

- 'All groups excluding electrical materials and mechanical services components'. This index series is a continuation of the series described in the previous publication as the 'Special purpose index'.
- 'Electrical materials'. This index series is a continuation of the previously published 'Electrical installation materials' series.
- 'Mechanical services components'.
- 'Plumbing materials'.

14. Weighting patterns for the indexes for Electrical materials, Mechanical services components and Plumbing materials are contained in Tables A2-A4 in the Appendix to the February 1981 issue of this publication.

Percentage changes

15. Table 1 shows price movements expressed in terms of percentage changes. The following example illustrates the method of calculating percentage changes, with reference to Table 1.

Weighted average of six State capital cities—

Index number as at July 1981—119.0

Index number as at June 1981—117.8

$$\text{Percentage change} = \frac{119.0 - 117.8}{117.8} \times 100 = +1.0\%$$

Interpretation

16. The indexes are subject to frequent short term fluctuations which do not necessarily indicate changes in trend. As a result changes in index numbers for individual months should not be interpreted in isolation and without reference to changes over longer periods.

17. The separate city indexes measure price movements over time in each capital city individually. They do not measure differences in price levels between cities.

Related publications

18. Users may also wish to refer to the following price index publications which are available on request:

Price Index of Materials Used in House Building, Six State Capital Cities (6408.0)—issued monthly

Price Index of Materials Used in Manufacturing Industry, Australia (6411.0)—issued monthly

Price Indexes of Articles Produced by Manufacturing Industry, Australia (6412.0)—issued monthly

Price Indexes of Metallic Materials, Australia (6410.0)—issued monthly.

19. Other ABS publications which may be of interest include:

Wage Rates Indexes, Australia, Preliminary (6311.0)—issued monthly

Wage Rates, Australia (6312.0)—issued monthly

Average Weekly Earnings, Australia (6302.0)—issued quarterly.

20. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia (1101.0)* which is available free of charge from any ABS office.

Symbols and other usages

p preliminary—figures subject to revision

r figures revised since previous issue

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TABLE 1. PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING—ALL GROUPS

	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Weighted average of six State capital cities
INDEX NUMBERS (Base of each index: Year 1979-80 = 100.0)							
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	113.1	112.7	113.2	113.8	112.2	111.6	112.9
<i>1980-81—</i>							
July	107.8	108.6	107.5	108.7	107.9	107.3	108.1
August	109.6	110.0	109.2	110.8	108.6	108.6	109.7
September	110.8	110.4	110.2	111.1	109.8	109.3	110.5
October	111.1	110.8	111.9	111.4	110.3	109.8	111.0
November	111.5	111.0	112.0	112.2	110.9	110.3	111.4
December	111.7	111.4	112.7	112.4	111.6	110.6	111.8
January	112.8	112.7	113.7	113.6	112.5	111.1	112.9
February	114.3	114.1	114.7	115.0	113.6	112.2	114.2
March	115.4	114.7	115.7	116.4	114.2	113.9	115.2
April	116.3	115.2	116.2	116.9	114.7	114.7	115.8
May	117.0	116.4	116.9	117.9	115.4	115.5	116.7
June	118.3	117.1	118.0	119.0	116.5	116.4	117.8
<i>1981-82—</i>							
July p	119.6	118.1	119.1	120.7	117.5	117.0	119.0
August p	120.6	118.5	120.0	121.2	118.0	117.4	119.7
PERCENTAGE CHANGES							
	%	%	%	%	%	%	%
Change from corresponding month of previous year—							
<i>1980-81—</i>							
September	+15.9	+15.1	+15.0	+16.1	+14.4	+13.4	+15.3
October	+15.2	+14.9	+16.0	+15.6	+14.2	+13.2	+15.0
November	+15.2	+14.7	+15.0	+16.0	+14.1	+12.8	+15.0
December	+13.3	+12.9	+14.3	+14.2	+12.8	+11.8	+13.4
January	+12.2	+12.1	+13.2	+12.9	+12.3	+10.9	+12.3
February	+10.8	+11.1	+11.9	+11.8	+10.9	+10.3	+11.1
March	+10.7	+10.4	+11.7	+11.7	+10.8	+10.3	+10.9
April	+11.1	+10.6	+11.5	+12.0	+10.3	+9.9	+10.9
May	+11.5	+11.2	+11.7	+12.4	+10.1	+10.5	+11.4
June	+11.2	+9.8	+10.6	+11.3	+9.1	+9.9	+10.5
<i>1981-82—</i>							
July p	+10.9	+8.7	+10.8	+11.0	+8.9	+9.0	+10.1
August p	+10.0	+7.7	+9.9	+9.4	+8.7	+8.1	+9.1
Change from previous month—							
<i>1980-81—</i>							
July	+1.3	+1.9	+0.7	+1.7	+1.0	+1.3	+1.4
August	+1.7	+1.3	+1.6	+1.9	+0.6	+1.2	+1.5
September	+1.1	+0.4	+0.9	+0.3	+1.1	+0.6	+0.7
October	+0.3	+0.4	+1.5	+0.3	+0.5	+0.5	+0.5
November	+0.4	+0.2	+0.1	+0.7	+0.5	+0.5	+0.4
December	+0.2	+0.4	+0.6	+0.2	+0.6	+0.3	+0.4
January	+1.0	+1.2	+0.9	+1.1	+0.8	+0.5	+1.0
February	+1.3	+1.2	+0.9	+1.2	+1.0	+1.0	+1.2
March	+1.0	+0.5	+0.9	+1.2	+0.5	+1.5	+0.9
April	+0.8	+0.4	+0.4	+0.4	+0.4	+0.7	+0.5
May	+0.6	+1.0	+0.6	+0.9	+0.6	+0.7	+0.8
June	+1.1	+0.6	+0.9	+0.9	+1.0	+0.8	+0.9
<i>1981-82—</i>							
July p	+1.1	+0.9	+0.9	+1.4	+0.9	+0.5	+1.0
August p	+0.8	+0.3	+0.8	+0.4	+0.4	+0.3	+0.6

TABLE 2. INDEX NUMBERS BASED ON AUSTRALIAN STANDARD INDUSTRIAL CLASSIFICATION (ASIC)
WEIGHTED AVERAGE OF SIX STATE CAPITAL CITIES
(Base of each index: Year 1979-80 = 100.0)

	Selected ASIC Groups										
	Wood and wood products (253)	Clay products and refractories (286)	Cement and concrete products (287)	Basic iron and steel (294)	Structural metal products (314)	Sheet metal products (315)	Other fabricated metal products (316)	Appliances and electrical equipment (335)	Industrial machinery and equipment (336)	Other	All groups
Value weight(a)	7.97%	4.16%	15.42%	4.69%	29.24%	3.68%	2.77%	9.70%	8.79%	13.58%	100.00%
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	114.3	114.3	113.0	113.2	113.9	114.5	112.9	109.8	111.2	112.6	112.9
1980-81—											
July	109.7	107.9	107.8	109.2	109.1	108.6	108.0	106.0	106.2	107.6	108.1
August	111.3	109.2	109.6	109.7	110.8	111.0	109.6	107.2	107.1	109.8	109.7
September	111.7	110.5	110.6	110.3	111.9	111.6	111.0	107.3	108.0	110.3	110.5
October	112.4	111.2	111.4	111.2	112.0	112.5	111.2	108.0	108.9	110.7	111.0
November	112.7	112.6	111.0	111.8	112.2	112.8	111.8	109.4	109.4	111.2	111.4
December	112.9	113.6	111.8	112.0	112.3	113.3	111.9	109.7	110.0	111.5	111.8
January	113.6	114.4	113.9	113.0	113.9	114.5	112.0	109.8	111.1	111.9	112.9
February	115.7	116.1	115.0	114.3	115.1	115.9	113.5	110.8	112.1	113.5	114.2
March	116.7	117.7	115.4	115.3	116.0	116.7	115.6	110.8	114.3	114.8	115.2
April	117.9	117.9	115.4	115.9	116.4	117.8	116.3	111.9	115.2	115.9	115.8
May	118.5	119.6	116.3	117.1	117.4	119.3	116.4	112.3	116.5	116.4	116.7
June	119.0	120.4	117.5	118.0	119.2	120.4	116.9	113.9	115.9	117.0	117.8
1981-82—											
July p	120.0	121.6	120.1	120.5	120.1	121.8	118.2	115.1	116.0	117.4	119.0
August p	120.4	122.0	120.7	121.2	120.3	122.9	119.7	116.3	117.1	118.6	119.7

(a) Composition and weighting pattern as at reference base year 1979-80, see paragraph 8 of explanatory notes.

TABLE 3. INDEX NUMBERS FOR SELECTED BUILDING MATERIALS
WEIGHTED AVERAGE OF SIX STATE CAPITAL CITIES
(Base of each index: Year 1979-80 = 100.0)

Material	1980-81											1981-82		
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July p	August p
Structural timber	108.6	111.2	111.7	112.2	112.3	112.3	112.8	115.2	115.9	116.2	116.3	117.5	118.5	119.1
Hardwood	109.7	113.1	114.1	115.1	115.7	115.8	116.5	119.8	120.7	121.1	121.3	122.9	124.4	125.1
Softwood	106.6	107.8	107.4	107.0	106.3	106.1	106.2	106.7	107.3	107.3	107.4	107.7	107.9	108.4
Plywood, hardboard and softboard	107.9	108.3	110.0	100.2	110.9	111.0	111.7	113.1	114.0	117.1	118.0	118.1	118.5	118.5
Joinery products (a)	110.2	111.5	111.9	112.6	113.0	113.2	114.0	116.0	117.1	118.4	119.2	119.5	120.5	120.9
Clay bricks	107.6	108.9	109.9	110.4	112.4	113.7	114.2	115.6	117.9	117.9	120.3	121.4	122.1	122.4
Earthenware pipes and fittings	110.2	114.1	116.2	116.2	117.2	117.8	117.8	120.2	123.0	124.1	124.6	124.6	128.2	128.5
Ceramic tiles	105.9	106.9	109.8	111.5	112.0	112.4	112.7	113.9	114.0	114.5	114.8	114.9	115.3	115.9
Toilet suites and hand basins	112.0	112.7	113.2	113.3	113.3	113.4	117.0	120.9	120.9	121.3	121.2	121.1	126.4	128.2
Cement	107.8	108.0	108.0	108.6	108.1	109.8	113.6	114.9	115.4	115.7	115.7	116.8	125.5	126.6
Ready mixed concrete	108.3	110.4	110.9	112.0	111.4	112.2	114.1	115.2	115.6	115.4	115.9	117.0	119.6	120.3
Precast concrete products	105.9	106.9	109.2	109.3	109.5	109.9	112.4	113.2	113.7	114.3	115.9	117.5	119.2	119.5
Concrete masonry blocks	109.4	111.2	113.3	114.0	114.0	115.6	116.2	118.4	118.5	118.5	122.9	123.8	125.1	125.1
Galvanised steel decking, cladding, etc.	109.3	109.3	110.1	111.6	112.2	112.5	114.0	114.7	115.2	115.3	118.1	118.3	120.7	122.2
Cast iron pipes and fittings	111.3	113.8	114.2	114.2	114.2	114.2	114.2	114.2	118.9	119.4	119.4	120.4	122.1	122.1
Structural steel	109.6	111.2	112.1	112.2	112.4	112.6	115.3	116.2	116.4	116.6	118.3	120.6	121.3	121.5
Reinforcing steel bar, fabric and mesh	109.1	111.7	113.6	113.7	113.8	113.8	115.1	116.1	116.2	116.3	116.7	119.5	120.5	120.6
Aluminium windows	107.9	109.0	109.0	109.6	109.7	109.7	111.2	112.9	115.8	117.1	118.9	119.2	120.5	120.6
Aluminium screens, doors, louvres and other fabricated products	112.5	113.0	113.2	113.7	114.5	114.6	115.0	115.7	118.4	119.6	119.9	120.1	122.2	122.4
Steel windows, doors, louvres, etc.	109.0	110.6	112.4	112.5	113.0	113.0	114.5	116.3	116.8	116.9	117.6	120.1	120.7	121.3
Urinals, baths and sinks	105.9	110.6	112.0	112.0	112.1	112.3	112.3	116.6	117.2	118.6	118.9	119.1	119.0	122.5
Builders' hardware (e.g. hinges, catches, handles, bolts, nails, etc.)	107.6	109.8	111.8	112.2	112.5	112.7	112.7	114.5	116.6	117.5	117.8	118.0	119.9	121.5
Sand, aggregate and filling	109.7	114.6	117.4	117.4	118.2	119.2	119.5	121.4	123.3	126.6	126.7	128.6	129.6	130.8
Carpet	107.1	108.0	108.2	109.2	109.8	110.4	110.6	114.0	114.1	114.5	114.8	114.9	115.1	118.7
Paint	112.0	116.5	116.6	116.6	117.8	118.7	120.3	120.5	121.3	121.3	122.5	122.4	122.9	124.3
Asphalt	112.1	115.0	117.3	118.0	118.4	118.7	120.3	126.0	126.6	126.8	127.2	127.9	128.8	128.9
Glass	108.6	109.5	111.1	111.1	111.3	111.3	111.4	113.6	115.7	116.0	117.2	117.2	117.2	117.2
Plaster and plaster products	105.9	110.3	110.6	110.6	111.3	111.3	111.5	114.5	115.8	115.8	116.0	116.4	118.4	118.9
Asbestos cement products	107.8	111.3	111.1	111.1	111.2	111.2	117.1	117.4	117.4	117.6	121.2	121.2	121.8	122.8
Non-ferrous pipes	98.5	99.3	96.4	97.5	97.9	95.3	93.5	92.4	92.7	94.0	93.1	93.7	92.1	94.6
Vinyl sheet and tiles	106.2	106.8	106.9	108.1	108.7	110.4	110.6	110.6	110.6	112.9	113.2	113.8	113.8	113.8

(a) Includes built in furniture, partitions, ready made windows and doors, and other joinery.

TABLE 4. INDEX NUMBERS FOR SELECTED MAJOR BUILDING MATERIALS
(Base of each index: Year 1979-80 = 100.0)

	Structural timber	Clay bricks	Ready mixed concrete	Precast concrete products	Galvanised steel decking, cladding, etc.	Structural steel	Reinforcing steel bar, fabric and mesh	Aluminium windows	Steel windows, doors, louvres, etc.	Builders' hardware	Sand, aggregate and filling	Carpet	Paint	Non-ferrous pipes
SYDNEY														
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	109.1	112.1	113.5	111.5	113.9	114.0	113.8	114.9	114.0	112.9	126.0	110.7	118.1	94.9
1980-81—														
July	104.1	106.7	107.2	104.9	110.1	109.9	108.1	107.8	109.2	106.3	112.6	107.0	112.2	97.6
August	107.8	108.6	111.1	106.1	110.1	110.7	110.7	109.9	110.2	107.7	116.0	108.3	115.6	98.6
September	108.0	108.6	112.2	109.5	110.1	112.4	113.4	109.9	112.3	111.2	121.2	108.2	115.6	95.9
October	108.5	109.2	112.5	109.5	112.4	112.4	113.4	109.9	112.3	111.2	121.2	108.5	115.6	96.5
November	108.3	111.3	112.5	109.9	112.4	112.5	113.4	109.9	112.3	111.4	122.2	108.5	116.5	96.8
December	108.1	111.3	112.4	110.2	112.5	112.6	113.4	109.9	112.3	111.4	125.1	109.2	117.2	95.5
January	109.0	111.8	113.6	112.5	114.8	114.1	114.2	113.6	113.8	111.4	125.1	109.2	119.4	92.8
February	109.8	112.9	114.6	113.5	115.0	115.6	115.1	115.5	115.5	114.6	127.9	113.9	119.4	91.7
March	110.1	115.9	116.0	113.8	115.5	115.6	115.2	120.2	115.9	116.0	130.3	113.9	121.2	92.5
April	110.7	115.9	115.9	113.8	115.7	115.7	115.2	123.2	115.9	117.7	135.5	113.9	121.2	94.5
May	111.1	115.9	116.0	116.1	118.7	117.3	115.5	123.9	116.8	117.7	135.5	113.9	121.8	93.3
June	114.2	117.0	118.0	118.1	118.9	119.7	118.1	124.8	121.2	117.7	139.3	113.9	121.8	93.6
1981-82—														
July p	114.2	117.8	121.2	120.3	120.9	120.1	118.9	127.5	121.2	118.9	139.6	113.9	121.8	91.6
August p	114.7	118.5	123.9	120.5	122.2	120.5	118.9	127.5	121.4	121.1	141.8	118.5	122.9	95.1
MELBOURNE														
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	116.0	115.8	115.2	110.6	112.7	113.5	115.9	108.0	113.5	113.5	110.1	109.6	118.4	95.2
1980-81—														
July	111.9	109.8	111.5	106.9	108.4	109.7	110.0	104.8	108.4	108.9	105.3	106.3	111.5	97.5
August	114.1	109.8	113.5	107.6	108.5	111.2	112.6	105.9	110.3	111.5	107.5	107.3	116.3	98.4
September	114.4	111.4	113.5	108.6	110.1	111.2	114.0	105.9	111.3	112.5	107.8	107.3	116.3	95.2
October	114.7	111.4	113.5	108.7	110.1	111.2	114.0	106.3	111.3	112.5	107.8	108.1	116.3	96.9
November	114.9	111.4	112.0	108.7	111.2	111.2	114.2	106.9	112.2	112.6	107.8	108.1	117.2	97.0
December	114.9	115.8	112.0	108.7	112.1	111.2	114.3	106.9	112.2	112.6	107.8	108.4	117.2	95.2
January	114.9	115.8	115.8	111.7	113.1	114.9	116.2	107.3	113.6	112.6	107.9	108.4	119.9	94.0
February	117.0	115.8	118.8	111.9	113.6	115.4	118.2	108.4	115.7	113.7	110.2	112.2	119.9	92.4
March	118.8	119.4	118.0	112.0	114.8	115.4	118.2	108.4	116.1	116.2	111.6	112.2	120.8	93.1
April	118.8	119.4	118.0	112.5	114.8	115.4	118.2	108.9	116.1	116.2	115.5	112.1	120.8	94.6
May	118.8	124.8	118.0	114.0	117.6	117.5	118.6	113.1	116.7	116.6	115.6	112.1	122.0	93.5
June	118.8	124.8	118.0	115.6	117.9	118.0	122.3	113.1	117.5	116.6	116.9	112.1	122.0	94.6
1981-82—														
July p	118.8	124.8	119.5	117.1	120.7	119.5	123.0	113.7	117.7	119.6	117.1	112.1	122.6	93.0
August p	118.8	124.8	118.9	117.5	121.4	119.5	123.0	113.7	118.5	120.1	117.1	115.9	124.9	94.7

TABLE 4. INDEX NUMBERS FOR SELECTED MAJOR BUILDING MATERIALS—continued
(Base of each index: Year 1979-80 = 100.0)

	Structural timber	Clay bricks	Ready mixed concrete	Precast concrete products	Galvanised steel decking, cladding, etc.	Structural steel	Reinforcing steel bar, fabric and mesh	Aluminium windows	Steel windows, doors, louvres, etc.	Builders' hardware	Sand, aggregate and filling	Carpet	Paint	Non-ferrous pipes
BRISBANE														
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	116.7	114.9	110.8	112.0	114.1	115.6	113.5	116.0	114.3	113.5	123.6	113.7	121.4	99.7
<i>1980-81—</i>														
July	111.4	106.3	105.1	107.0	108.6	108.4	108.0	112.0	108.2	106.9	106.9	108.9	112.7	103.5
August	112.0	109.6	105.2	108.1	108.6	110.6	110.9	112.0	109.5	109.8	122.4	108.9	118.7	102.5
September	113.6	109.6	109.9	109.2	110.7	111.8	112.7	112.0	112.4	110.3	122.4	108.9	118.7	102.9
October	113.8	111.6	114.4	109.3	112.6	111.8	113.3	115.1	112.9	111.2	122.4	113.2	118.7	105.7
November	114.6	111.7	110.3	109.3	113.5	113.4	113.1	115.1	113.3	112.6	125.2	113.2	120.3	107.8
December	114.6	111.8	113.8	109.6	113.5	114.6	113.1	115.1	113.3	113.5	125.2	113.2	125.2	98.0
January	114.6	114.2	114.8	112.5	115.5	118.2	114.0	115.1	114.1	113.6	125.2	113.2	122.8	98.0
February	121.1	119.7	113.2	112.6	116.1	118.2	114.4	115.1	115.9	113.6	125.1	116.4	122.8	96.6
March	121.1	119.7	110.7	115.4	116.1	118.2	114.7	119.9	117.3	115.7	125.5	116.4	122.7	96.2
April	121.1	119.7	110.1	115.7	116.1	118.4	115.3	119.9	117.7	117.7	127.4	116.4	122.7	95.1
May	121.1	119.7	111.8	116.9	118.4	119.6	115.5	120.6	118.0	118.6	127.9	118.1	125.7	95.0
June	121.1	124.8	112.7	118.0	119.2	123.9	117.2	120.6	119.0	118.9	127.9	118.1	125.7	95.0
<i>1981-82—</i>														
July p	124.8	124.9	114.7	119.1	120.6	124.3	118.9	120.6	120.7	119.2	131.3	118.1	125.9	95.0
August p	124.8	124.9	114.4	119.3	125.6	124.6	119.1	120.6	121.7	122.8	134.4	124.8	128.0	95.0
ADELAIDE														
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	114.3	121.6	117.9	114.9	113.1	116.2	115.6	114.5	115.0	116.3	124.3	110.5	122.6	91.8
<i>1980-81—</i>														
July	108.4	109.5	110.7	107.7	109.6	110.0	111.0	109.7	109.0	109.2	111.3	107.3	112.5	96.2
August	110.8	111.4	116.5	108.9	109.6	113.4	113.5	109.7	111.2	122.2	110.8	108.6	120.7	98.5
September	112.1	112.7	114.7	110.5	109.6	113.4	114.8	109.7	113.0	113.0	122.2	108.6	120.7	93.3
October	113.5	112.7	113.5	110.5	112.4	113.4	114.8	110.0	113.3	115.1	122.2	109.3	120.7	93.6
November	113.7	124.4	114.9	111.5	112.4	113.4	114.8	110.0	113.3	115.1	122.2	110.5	122.8	93.6
December	114.0	124.4	115.1	113.1	112.4	113.5	114.8	110.0	113.7	115.7	122.2	110.5	122.8	92.3
January	114.0	124.9	117.8	117.1	112.7	117.2	116.2	110.8	115.1	115.8	122.2	110.5	124.6	88.8
February	116.4	124.9	118.0	118.0	114.5	118.4	116.6	115.7	117.2	117.2	124.9	111.8	124.6	88.5
March	117.3	124.6	122.2	118.2	114.5	118.4	116.6	121.0	117.4	120.0	130.4	111.9	124.6	88.1
April	117.3	124.6	122.5	120.1	114.9	118.8	116.7	121.4	117.4	120.3	130.4	112.3	124.6	89.6
May	117.3	132.3	124.6	121.1	117.3	120.0	116.8	123.1	118.8	120.5	130.4	112.2	126.4	88.6
June	117.3	132.5	124.6	121.9	117.3	124.4	120.0	123.1	121.1	121.8	130.4	112.2	126.4	90.9
<i>1981-82—</i>														
July p	117.6	132.5	131.8	125.4	119.3	125.0	121.6	123.1	121.8	124.8	134.2	112.2	127.6	89.1
August p	121.6	132.5	132.1	125.5	120.6	125.0	121.6	123.1	121.8	126.1	133.5	112.2	127.6	92.4

TABLE 4. INDEX NUMBERS FOR SELECTED MAJOR BUILDING MATERIALS—continued
(Base of each index: Year 1979-80 = 100.0)

Structural timber	Clay bricks	Ready mixed concrete	Precast concrete products	Galvanised steel decking, cladding, etc.	Reinforcing steel bar, fabric and mesh	Aluminium windows	Steel windows, doors, louvres, etc.	Builders' hardware	Sand, aggregate and filling	Carpet	Paint	Non-ferrous pipes
PERTH												
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	116.9	110.3	105.7	109.6	113.3	116.1	114.4	110.0	117.4	113.4	122.6	115.2
1980-81—												
July	111.3	105.8	104.9	103.6	109.5	109.8	109.4	108.8	110.8	107.1	113.9	107.6
August	114.5	105.8	100.4	103.8	109.5	111.7	111.1	109.0	112.6	109.5	113.9	107.6
September	114.5	109.4	100.4	108.6	109.5	113.6	113.6	109.0	114.5	111.9	121.9	109.0
October	115.1	109.4	102.6	108.8	110.8	113.6	113.0	109.2	114.9	112.0	121.9	109.0
November	115.1	109.4	104.4	109.0	112.5	114.0	113.6	109.2	116.0	112.0	123.0	112.4
December	115.1	109.4	108.4	109.3	112.5	114.1	113.6	109.2	116.0	112.2	123.0	116.5
January	116.6	109.5	108.4	109.9	113.9	116.4	115.1	109.5	118.4	112.5	125.0	116.5
February	119.9	113.0	108.0	111.4	115.4	116.8	115.6	110.2	120.4	113.8	124.9	117.4
March	119.9	113.0	108.0	111.6	115.4	118.2	115.6	110.7	120.4	117.0	124.9	118.6
April	119.9	113.0	106.7	112.1	115.4	119.4	115.6	111.9	120.4	117.0	125.6	122.2
May	119.9	113.0	106.6	112.2	117.6	121.5	116.6	111.9	121.1	117.7	125.6	122.2
June	120.6	113.0	109.7	114.7	117.6	123.7	119.1	111.9	122.9	117.7	128.0	123.5
1981-82—												
July p	125.9	116.8	109.6	114.7	121.4	123.8	120.3	113.1	124.5	119.3	128.0	125.4
August p	125.9	116.8	109.5	114.7	121.4	124.0	120.3	113.9	125.9	120.2	128.4	125.4
HOBART												
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	113.9	104.7	107.2	113.0	113.1	110.8	114.4	116.1	117.2	117.2	108.3	116.1
1980-81—												
July	110.0	100.9	106.6	103.7	109.4	107.4	108.3	114.6	110.8	110.6	107.2	104.9
August	110.0	101.0	107.1	109.4	109.4	108.0	113.0	114.6	114.8	112.7	107.2	105.6
September	110.0	101.1	105.5	109.5	109.4	108.8	113.7	115.3	115.0	116.1	108.2	112.2
October	110.8	101.1	105.5	109.5	111.3	108.8	113.7	115.3	115.7	115.5	108.2	115.2
November	112.1	101.1	105.5	109.5	111.3	108.8	113.7	115.3	115.7	117.1	108.2	117.5
December	112.5	101.1	105.5	109.5	111.3	108.8	113.7	115.3	115.7	117.5	108.2	117.8
January	114.7	101.1	107.1	109.5	112.5	110.0	114.8	115.3	116.4	117.5	108.2	117.8
February	114.7	101.1	107.9	112.8	115.1	111.5	115.8	116.2	117.8	117.5	108.2	118.6
March	118.1	110.3	109.4	115.2	115.1	113.0	115.8	116.9	119.0	119.8	108.2	119.9
April	118.1	111.4	109.4	123.0	115.1	113.0	115.8	117.7	119.9	119.8	108.5	120.2
May	118.1	111.4	109.5	123.0	118.5	114.2	116.3	118.4	119.9	121.1	109.6	121.7
June	118.1	114.3	109.2	123.3	118.5	117.0	118.3	118.4	125.9	121.1	109.6	121.9
1981-82—												
July p	118.1	113.5	108.5	123.3	121.8	117.3	119.0	118.8	128.2	121.8	109.6	123.4
August p	118.1	113.8	108.9	123.3	123.8	117.3	119.0	118.8	128.2	121.8	109.6	123.4

TABLE 5. INDEX NUMBERS FOR SPECIAL COMBINATIONS OF BUILDING MATERIALS
(Base of each index: Year 1979-80 = 100.0)

Value weight(a)	Electrical materials											Mechanical services components				Plumbing materials		
	All groups excluding electrical materials and mechanical services	Conduit and accessories		Switch-boards and switch-gear	Lamps and light fittings	All electrical materials	All electrical materials excluding lamps and light fittings	Air conditioning		Fire protection	Elevators and escalators	All mechanical services	Hydraulic plumbing	Drainage	Roof and roof plumbing	All plumbing materials		
		—	20.96%	9.87%	28.92%	40.25%	100.00%	—	72.81%	13.04%	14.15%	100.00%	50.55%	14.52%	34.91%	100.00%		
SYDNEY																		
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
1980-81	113.8	104.9	112.8	111.8	109.8	109.8	109.6	110.6	112.8	112.5	111.2	107.3	113.6	114.1	110.6	110.6		
1980-81—																		
July	108.2	103.1	108.6	106.8	105.0	105.5	105.8	106.2	109.1	108.3	106.9	104.8	105.0	110.0	106.7	106.7		
August	110.3	105.5	110.8	108.7	105.8	107.1	107.9	107.1	109.3	110.4	107.8	106.2	107.7	110.0	107.8	107.8		
September	111.7	102.7	112.0	109.3	106.3	107.0	107.4	107.6	110.2	110.0	108.3	106.1	111.2	110.0	108.2	108.2		
October	112.0	103.5	112.1	109.3	107.0	107.4	107.7	108.2	110.6	110.8	108.9	106.5	111.3	111.7	109.0	109.0		
November	112.2	103.2	112.4	110.7	109.2	109.1	109.1	108.7	111.5	111.2	109.4	106.7	111.4	112.5	109.4	109.4		
December	112.4	106.0	112.4	110.6	109.4	109.3	109.3	109.6	111.7	110.6	110.0	106.1	111.4	112.8	109.2	109.2		
January	113.6	104.7	111.8	110.8	110.6	109.5	108.8	110.6	112.4	112.2	111.1	105.7	115.5	114.7	110.3	110.3		
February	115.1	105.3	112.8	112.9	111.8	110.8	110.2	111.3	114.6	113.8	112.1	107.0	115.6	115.4	111.2	111.2		
March	116.3	104.5	114.2	112.9	111.6	110.8	110.2	112.9	115.6	114.9	113.5	108.6	117.6	116.3	112.6	112.6		
April	117.1	106.4	113.6	114.9	112.8	112.1	111.7	114.1	116.6	115.1	114.6	109.7	117.9	117.0	113.5	113.5		
May	117.8	105.3	115.6	115.7	113.6	112.6	112.0	115.1	115.9	117.5	115.5	109.4	118.2	119.6	114.3	114.3		
June	119.3	106.0	117.7	119.0	114.7	114.4	114.2	116.0	116.6	115.1	115.9	110.5	120.4	119.7	115.2	115.2		
1981-82—																		
July p	120.7	105.1	118.5	121.2	116.8	115.8	115.1	116.4	118.9	114.0	116.4	110.8	124.1	122.0	116.6	116.6		
August p	121.6	109.8	118.4	121.4	116.8	116.8	116.8	117.5	119.3	117.6	117.7	112.7	124.2	123.2	118.0	118.0		
MELBOURNE																		
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
1980-81	113.4	105.3	112.5	110.6	109.9	109.3	109.0	110.6	112.7	112.5	111.1	107.3	113.5	114.1	111.3	111.3		
1980-81—																		
July	109.4	103.3	108.5	106.4	106.8	106.1	105.7	105.6	109.1	108.3	106.4	105.2	109.6	110.3	107.6	107.6		
August	110.7	105.8	110.7	107.8	106.6	107.2	107.5	107.1	109.7	110.4	107.9	106.7	112.5	110.7	109.0	109.0		
September	111.2	103.1	111.8	108.6	107.2	107.2	107.2	107.6	110.6	110.0	108.3	106.2	115.5	111.9	109.5	109.5		
October	111.4	103.8	111.9	108.7	108.2	107.8	107.5	109.1	110.9	110.8	109.6	106.9	115.8	111.9	109.9	109.9		
November	111.4	105.4	112.3	110.5	109.2	109.1	109.0	109.6	111.8	111.2	110.1	107.2	116.0	112.7	110.4	110.4		
December	111.8	106.3	112.3	110.3	109.7	109.4	109.2	110.3	112.0	110.6	110.6	106.6	116.0	113.3	110.3	110.3		
January	113.4	105.1	111.3	111.3	109.9	109.4	109.1	110.6	112.1	112.2	111.0	106.8	121.2	114.0	111.4	111.4		
February	115.0	106.1	112.1	111.4	110.8	110.0	109.7	111.1	113.7	113.8	111.8	107.2	122.0	114.3	111.9	111.9		
March	115.6	105.0	113.9	111.4	111.2	110.2	109.5	112.8	114.3	114.9	113.3	107.9	122.4	115.1	112.5	112.5		
April	116.0	106.9	113.0	111.5	112.1	110.9	110.1	113.6	115.6	115.1	114.1	108.8	123.1	116.7	113.6	113.6		
May	117.3	105.7	115.4	112.6	113.1	111.6	110.6	114.5	116.3	117.5	115.1	108.5	123.2	118.8	114.2	114.2		
June	117.9	106.8	117.3	116.1	113.5	113.2	113.0	115.1	116.6	115.1	115.3	109.3	125.0	119.5	115.1	115.1		
1981-82—																		
July p	118.9	105.5	117.5	117.7	116.3	114.6	113.4	115.9	118.9	114.0	116.1	109.8	128.9	121.5	116.6	116.6		
August p	119.2	109.7	117.5	118.1	116.4	115.6	115.1	116.3	119.2	117.6	116.8	111.8	129.4	122.8	118.2	118.2		

For footnote see page 13.

TABLE 5. INDEX NUMBERS FOR SPECIAL COMBINATIONS OF BUILDING MATERIALS—continued
(Base of each index: Year 1979-80 = 100.0)

Value weight(a)	Electrical materials						Mechanical services components				Plumbing materials				
	All groups excluding electrical materials and mechanical services	Conductors	Conduit and accessories	Switch-boards and switch gear	Lamps and light fittings	All electrical materials	All electrical materials excluding lamps and light fittings	Air conditioning	Fire protection	Elevators and escalators	All mechanical services	Hydraulic plumbing	Drainage	Roof and roof plumbing	All plumbing materials
	20.96%	9.87%	28.92%	40.25%	100.00%	—	72.81%	13.04%	14.15%	100.00%	30.35%	14.52%	34.93%	100.00%	
BRISBANE															
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	114.2	105.4	111.9	112.6	108.5	109.4	110.0	109.8	112.6	112.5	110.6	108.2	111.9	113.7	110.6
<i>1980-81—</i>															
July	108.1	103.4	108.8	105.7	104.9	105.2	105.4	105.7	108.6	108.3	106.4	107.0	105.0	108.3	107.2
August	110.0	105.7	109.2	107.4	105.0	106.2	107.1	106.5	109.3	110.4	107.4	107.2	106.4	109.8	108.0
September	111.2	103.1	111.0	108.0	105.3	106.2	106.8	107.3	110.1	110.0	108.1	108.1	107.9	111.3	109.2
October	113.0	103.6	111.2	108.5	107.7	107.5	107.3	108.1	110.6	110.8	108.8	108.9	107.9	112.6	110.1
November	112.9	106.3	111.5	109.9	108.7	108.8	108.9	108.8	111.5	111.2	109.5	109.7	109.6	113.3	110.9
December	113.8	106.5	111.6	112.8	108.8	109.8	110.4	108.6	111.7	110.6	109.3	106.5	110.5	113.3	109.5
January	114.9	105.0	111.7	114.2	109.0	109.9	110.6	109.2	111.9	112.2	110.0	109.2	114.7	110.7	110.7
February	115.9	106.0	112.5	115.0	109.9	110.7	111.3	109.8	113.9	113.8	110.9	108.0	115.2	115.2	111.6
March	116.7	105.4	112.7	115.4	109.9	110.8	111.4	112.5	115.0	114.9	113.1	108.5	115.4	115.2	111.9
April	117.1	107.0	113.1	116.6	110.8	111.9	112.7	113.3	116.1	115.7	113.9	109.1	115.4	115.2	112.1
May	118.0	105.9	113.3	117.3	110.9	112.0	112.7	113.8	116.1	117.5	114.6	109.0	116.1	117.2	112.9
June	119.2	106.9	115.6	120.8	111.3	113.5	115.1	114.2	116.5	115.1	114.6	108.9	118.6	117.8	113.4
<i>1981-82—</i>															
July p	120.3	105.5	116.7	122.5	113.1	114.6	115.6	115.8	119.2	114.0	116.0	110.5	121.5	118.8	115.0
August p	121.1	110.2	116.8	123.0	113.2	115.8	117.5	116.4	119.6	117.6	116.9	111.0	121.5	123.4	116.9
ADELAIDE															
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	115.1	104.7	111.7	113.1	109.1	109.6	109.9	108.9	112.2	112.5	109.9	105.2	112.3	114.4	109.4
<i>1980-81—</i>															
July	109.5	102.5	108.7	109.3	106.2	106.6	106.8	105.3	108.6	108.3	106.2	104.7	108.0	110.6	107.3
August	112.0	104.8	108.9	110.3	106.1	107.3	108.1	106.0	109.0	110.4	107.0	106.2	108.1	111.0	108.2
September	112.2	103.0	111.2	111.2	106.9	107.8	108.3	106.5	110.0	110.0	107.4	104.6	111.4	111.3	108.0
October	112.4	103.9	111.3	111.3	107.6	108.3	108.7	107.3	110.4	110.8	108.2	104.4	111.2	113.3	108.5
November	113.3	104.8	111.5	112.8	108.7	109.3	109.8	107.7	110.6	111.2	108.6	104.5	111.2	113.4	108.6
December	113.5	106.2	111.9	112.7	109.0	109.8	110.3	108.1	111.6	110.6	108.9	104.1	111.2	113.4	108.4
January	114.9	104.6	111.6	112.8	109.3	109.6	109.7	109.0	111.6	112.2	109.8	103.1	111.9	113.7	108.1
February	116.4	104.5	112.4	113.8	110.2	110.3	110.3	109.6	113.3	113.8	110.7	104.8	114.1	115.9	110.0
March	118.1	104.5	112.5	114.5	110.0	110.4	110.7	110.8	114.1	114.9	111.8	105.8	115.1	115.9	110.7
April	118.4	106.3	112.4	114.6	111.2	111.3	111.3	111.4	115.2	115.1	112.4	106.5	115.1	116.7	111.3
May	119.6	105.1	112.5	114.7	111.8	111.3	111.0	111.3	115.8	117.5	113.5	106.2	115.1	118.5	111.8
June	120.7	106.0	115.6	118.7	112.2	113.1	113.7	113.2	116.4	115.1	113.9	107.2	115.1	118.5	112.3
<i>1981-82—</i>															
July p	122.8	104.8	116.0	121.0	114.6	114.5	114.5	113.2	118.9	114.0	114.0	108.9	119.4	121.4	114.8
August p	123.1	109.9	116.0	121.5	114.7	115.8	116.5	114.0	119.2	117.6	115.2	110.1	119.4	122.4	115.7

For footnote see page 13.

TABLE 5. INDEX NUMBERS FOR SPECIAL COMBINATIONS OF BUILDING MATERIALS—continued
(Base of each index: Year 1979-80 = 100.0)

Value weight(a)	Electrical materials										Mechanical services components				Plumbing materials			
	All groups excluding electrical materials and mechanical services		Conduit and accessories		Switch-boards and switch-gear	Lamps and light fittings	All electrical materials		All electrical materials excluding lamps and light fittings		Air conditioning	Fire protection	Elevators and escalators	All mechanical services	Hydraulic plumbing	Drainage	Roof and roof plumbing	All plumbing materials
	20.9%	9.8%	28.9%	40.2%	100.0%	—	72.81%	13.04%	14.15%	100.00%	30.55%	14.52%	34.93%	100.00%	—	—	—	
PERTH																		
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	112.4	106.5	112.8	114.1	110.3	110.8	111.2	111.2	112.7	112.5	111.6	107.2	114.0	113.2	113.2	113.2	113.2	110.3
1980-81—																		
July	108.3	104.1	108.5	107.1	107.3	106.7	106.3	105.9	109.0	110.4	107.9	106.5	111.5	109.7	108.4	109.7	108.4	106.9
August	108.8	106.0	108.8	109.6	107.5	107.9	108.2	107.3	108.6	108.3	108.6	104.9	106.9	109.7	109.7	109.7	108.4	106.9
September	110.2	104.7	111.3	112.5	107.9	108.9	109.6	108.0	110.3	110.0	108.6	106.9	111.5	109.7	109.7	109.7	108.4	106.9
October	110.6	105.7	111.5	112.8	108.7	109.5	110.1	108.6	110.7	110.8	109.2	106.9	111.5	110.6	108.8	109.4	108.4	106.9
November	111.2	107.1	112.7	113.3	109.9	110.6	111.0	109.2	111.8	111.2	109.8	106.9	111.5	112.2	112.2	112.2	112.2	109.4
December	112.0	107.7	113.0	113.3	110.1	110.8	111.3	109.3	112.0	110.6	109.8	106.3	111.6	112.4	109.2	109.2	109.2	109.4
January	113.0	106.8	113.1	113.0	110.3	110.6	110.8	110.5	112.1	112.2	111.0	106.6	111.6	113.7	109.8	113.7	109.8	109.8
February	113.9	107.0	114.2	116.3	111.8	112.3	112.6	114.0	113.8	112.9	108.8	118.1	118.6	115.3	112.0	118.6	115.3	112.0
March	114.4	106.4	114.2	116.7	111.7	112.3	112.7	114.6	114.8	114.9	114.6	107.8	118.6	115.6	112.3	118.6	115.6	112.3
April	114.7	108.0	114.4	117.1	112.6	113.1	113.5	115.3	115.9	115.1	115.3	108.3	118.6	115.6	112.3	118.6	115.6	112.3
May	115.4	106.7	115.0	117.6	112.6	113.0	113.3	116.5	116.4	117.5	116.7	109.1	118.9	117.4	113.4	118.9	117.4	113.4
June	116.7	108.1	116.7	120.0	113.0	114.4	115.3	116.4	117.2	115.1	116.3	109.8	123.7	117.4	114.5	123.7	117.4	114.5
1981-82—																		
July p	117.9	107.0	117.6	121.1	115.4	115.5	115.6	116.3	119.5	114.0	116.4	109.7	127.1	120.6	116.0	120.6	116.0	116.0
August p	118.2	111.3	117.7	121.6	115.7	116.7	117.4	117.2	119.8	117.6	117.6	111.2	127.2	120.6	116.8	120.6	116.8	116.8
HOBART																		
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	111.6	106.1	111.8	113.1	109.7	110.1	110.4	112.9	112.8	112.5	112.8	100.0	111.1	115.1	115.1	115.1	115.1	110.3
1980-81—																		
July	107.5	103.8	107.5	105.8	106.7	105.9	105.4	107.0	108.7	108.3	107.4	106.7	107.5	108.9	107.6	108.9	107.6	106.6
August	106.6	105.2	111.1	111.0	106.4	108.2	109.3	107.9	109.6	110.4	108.5	107.2	110.4	109.9	108.9	109.9	108.9	106.6
September	109.5	103.5	111.7	112.2	107.0	108.2	109.0	108.5	110.5	110.0	108.9	108.4	110.5	112.1	110.0	110.0	110.0	106.6
October	109.7	104.5	111.7	112.3	108.0	108.9	109.5	110.5	110.9	110.8	110.6	108.5	110.6	113.8	110.6	113.8	110.6	106.6
November	110.1	106.5	112.0	112.6	109.4	110.4	110.4	111.8	112.0	111.2	111.7	108.5	110.6	113.8	110.6	113.8	110.6	106.6
December	110.4	107.7	112.0	112.6	109.4	110.2	110.8	112.1	112.1	110.6	111.9	108.5	110.6	113.8	110.6	113.8	110.6	106.6
January	111.0	106.0	109.7	113.8	109.6	110.1	110.4	112.2	112.0	112.2	112.2	108.0	110.7	114.6	110.7	114.6	110.7	106.6
February	112.1	107.6	110.7	113.5	110.5	110.8	110.9	113.4	113.7	113.8	113.6	109.5	110.7	116.4	110.7	116.4	110.7	106.6
March	113.9	105.7	112.6	114.4	111.0	111.0	111.1	115.2	114.7	114.9	115.1	110.5	112.5	117.7	113.3	117.7	113.3	106.6
April	114.5	107.6	113.6	114.6	112.0	111.8	111.6	118.0	116.1	115.1	117.4	111.2	112.8	117.7	113.7	117.7	113.7	106.6
May	115.3	106.7	114.2	115.4	112.9	112.5	112.2	118.7	116.7	117.5	118.3	111.7	112.8	120.4	114.9	120.4	114.9	106.6
June	116.4	106.9	119.2	113.4	114.0	114.0	114.4	119.0	116.9	115.1	118.2	112.1	112.9	121.3	115.4	121.3	115.4	106.6
1981-82—																		
July p	116.8	106.7	116.6	119.9	116.1	115.3	114.7	119.8	119.4	114.0	118.9	111.5	112.9	121.6	118.9	121.6	118.9	106.6
August p	117.0	110.5	116.8	120.8	116.2	116.4	116.5	120.5	119.8	117.6	120.0	112.7	113.2	121.0	119.1	121.0	119.1	106.6

For footnote see page 13.

TABLE 5. INDEX NUMBERS FOR SPECIAL COMBINATIONS OF BUILDING MATERIALS—continued
(Base of each index: Year 1979-80 = 100.0)

Value weight(a)	Electrical materials													Mechanical services components				Plumbing materials			
	All groups excluding electrical materials and mechanical services	Electrical materials						All electrical materials excluding lamps and light fittings	Mechanical services components				Plumbing materials								
		Conductors	Conduits and accessories	Switchboards and switch-gear	Lamps and light fittings	All electrical materials	100.00%		Air conditioning	Fire protection	Elevators and escalators	All mechanical services	Hydraulic plumbing	Drainage	Roof and roof plumbing	All plumbing materials					
—	20.96%	9.87%	28.92%	40.23%	100.00%	—	72.81%	13.04%	14.15%	100.00%	50.55%	14.52%	34.93%	100.00%							
WEIGHTED AVERAGE OF SIX STATE CAPITAL CITIES																					
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
1980-81	113.7	105.2	112.5	111.9	109.6	109.7	109.7	110.4	112.7	112.5	111.0	107.2	114.7	114.0	110.7						
1980-81—																					
July	108.6	103.3	108.6	106.8	105.9	105.9	105.9	105.8	108.9	108.3	106.6	105.2	106.9	109.9	107.1						
August	110.4	105.6	110.1	108.6	106.1	107.1	107.8	106.9	109.3	110.4	107.7	106.5	109.0	110.3	108.2						
September	111.3	103.1	111.6	109.5	106.7	107.3	107.6	107.5	110.3	110.0	108.2	106.4	112.1	110.9	108.8						
October	111.8	103.9	111.8	109.7	107.7	107.9	108.0	108.4	110.7	110.8	109.1	106.8	112.2	112.0	109.4						
November	112.0	105.6	112.2	111.1	109.2	109.3	109.3	109.0	111.5	111.2	109.6	107.0	112.5	112.7	109.8						
December	112.4	106.4	112.3	111.4	109.4	109.6	109.8	109.5	111.8	110.6	110.0	106.1	112.6	113.0	109.5						
January																					
February	113.7	105.1	111.7	111.9	110.0	109.7	109.5	110.3	112.1	112.2	110.8	106.0	116.1	114.3	110.4						
March	115.1	105.8	112.6	113.1	111.1	110.7	110.4	111.1	114.0	113.8	111.8	107.0	117.2	115.1	111.3						
April	116.1	105.0	113.7	113.4	111.1	110.7	110.5	112.8	114.9	114.9	113.4	108.0	118.5	115.7	112.2						
May	116.6	106.8	113.3	114.3	112.1	111.8	111.5	113.7	116.0	115.1	114.2	108.9	118.8	116.5	113.0						
June	117.6	105.6	114.8	115.1	112.8	112.2	111.7	114.7	116.1	117.5	115.3	108.8	119.0	118.7	113.7						
June																					
1981-82—	118.7	106.6	116.9	118.4	113.5	113.8	114.0	115.3	116.6	115.1	115.5	109.6	121.1	119.1	114.6						
1981-82—																					
July p	120.0	105.5	117.6	120.3	115.8	115.1	114.6	115.9	119.0	114.0	116.0	110.2	124.7	121.2	116.2						
August p	120.6	110.0	117.6	120.7	115.9	116.2	116.4	116.6	119.4	117.6	117.1	111.8	124.9	122.8	117.5						

(a) Composition and weighting as at reference base year 1979-80; available on request: see paragraphs 9 and 14 of Explanatory notes.

TABLE 5. INDEX NUMBERS FOR SPECIAL COMBINATIONS OF BUILDING MATERIALS—continued
(Base of each index: Year 1979-80 = 100.0)

Value weight(s)	Electrical materials													Mechanical services components				Plumbing materials				
	All groups excluding electrical materials and mechanical services	Conductors			Switch- boards and switch- gear		Lamps and light fittings		All electrical materials		All electrical materials excluding lamps and light fittings		Elevators and escalators		All mechanical services		Hydraulic plumbing		Roof and roof plumbing		All plumbing materials	
		—	20.96%	9.87%	28.92%	40.25%	100.00%	—	72.81%	13.04%	14.15%	100.00%	50.55%	14.52%	34.93%	100.00%						
WEIGHTED AVERAGE OF SIX STATE CAPITAL CITIES																						
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	113.7	105.2	112.5	111.9	109.6	109.7	108.7	110.4	112.7	112.5	111.0	107.2	114.7	114.0	110.7	107.2	114.7	114.0	110.7	110.7	110.7	110.7
1980-81—																						
August	110.4	105.6	110.1	108.6	106.1	107.1	107.8	106.9	109.3	110.4	107.7	106.5	109.0	110.3	108.2	106.5	109.0	110.3	108.2	108.2	108.2	108.2
September	111.3	105.1	111.6	109.5	106.7	107.3	107.6	107.5	110.3	110.0	108.2	106.4	112.1	110.9	108.0	106.4	112.1	110.9	108.0	108.0	108.0	108.0
October	111.8	103.9	111.8	109.7	107.7	107.9	108.0	108.4	110.7	110.8	109.1	106.8	112.2	112.0	109.4	106.8	112.2	112.0	109.4	109.4	109.4	109.4
November	112.0	105.6	112.2	111.1	109.2	109.3	109.3	109.0	111.5	111.2	109.6	107.0	112.5	112.7	109.6	107.0	112.5	112.7	109.6	109.6	109.6	109.6
December	112.4	106.4	112.3	111.4	109.4	109.6	109.8	109.5	111.8	110.6	110.0	106.1	112.6	113.0	109.5	106.1	112.6	113.0	109.5	109.5	109.5	109.5
January	113.7	105.1	111.7	111.9	110.0	109.7	109.5	110.3	112.1	112.2	110.8	106.0	116.1	114.3	110.4	106.0	116.1	114.3	110.4	110.4	110.4	110.4
February	115.1	105.8	112.6	113.1	111.1	110.7	110.4	111.1	114.0	113.8	111.8	107.0	117.2	115.1	111.3	107.0	117.2	115.1	111.3	111.3	111.3	111.3
March	116.1	105.0	113.7	113.4	111.1	110.7	110.5	112.8	114.9	113.4	113.4	108.0	118.5	115.7	112.2	108.0	118.5	115.7	112.2	112.2	112.2	112.2
April	116.6	106.8	113.3	114.3	112.1	111.8	111.5	113.7	116.0	115.1	114.2	108.9	119.0	118.7	113.0	108.9	119.0	118.7	113.0	113.0	113.0	113.0
May	117.6	105.6	114.8	115.1	112.8	112.2	111.7	114.7	116.1	117.5	115.3	108.8	119.0	118.7	113.7	108.8	119.0	118.7	113.7	113.7	113.7	113.7
June	118.7	106.6	116.9	118.4	113.5	113.8	114.0	115.3	116.6	115.1	115.5	109.6	121.1	119.1	114.6	109.6	121.1	119.1	114.6	114.6	114.6	114.6
1981-82—																						
July	120.0	105.5	117.6	120.3	115.8	115.1	114.6	115.9	119.0	114.0	116.0	110.2	124.7	121.2	116.2	110.2	124.7	121.2	116.2	116.2	116.2	116.2
August p	120.6	110.0	117.6	120.7	115.9	116.2	116.4	116.6	119.4	117.6	117.1	111.8	124.9	122.8	117.5	111.8	124.9	122.8	117.5	117.5	117.5	117.5
September p	121.4	110.8	117.8	121.0	116.4	117.9	116.9	118.2	119.5	117.7	118.3	112.5	125.3	123.2	118.1	112.5	125.3	123.2	118.1	118.1	118.1	118.1

(a) Composition and weighting as at reference base year 1979-80: available on request: see paragraphs 9 and 14 of Explanatory notes.

APPENDIX

**PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN
HOUSE BUILDING
TECHNICAL NOTE-SALES TAX INCREASE-EFFECTS ON SEPTEMBER
1981 PUBLISHED INDEX NUMBERS**

This index is designed to provide a general measure of price change for materials used in the construction of buildings other than houses. The pricing basis of the index is 'delivered on site' and prices used in the index include sales tax where payable.

2. The sales tax increases of 2½% announced in the 1981 Budget to take effect from 19 August 1981 affected the following items included in the index :

- Boilers
- Light fittings
- Lamps
- Air conditioning packaged units
- Refrigeration equipment-air conditioning
- Other air conditioning equipment
- Registers and fans used in air conditioning
- Elevators and escalators
- Carpet
- Vinyl sheet and tiles

No other items in the index are affected by the sales tax changes at this time.

3. Under Sales Tax legislation, materials used in the construction of Commonwealth, State and Local Government owned buildings are exempt from sales tax; materials used in most non-government 'health' and 'education' buildings are also exempt. At any particular time when there is a change in the rate of sales tax on any materials included in the index, the movement in the index takes into account the proportion of materials sold subject to sales tax at that time and the proportion of materials sold exempt from sales tax.

4. The index numbers for September 1981 reflect the relative importance of taxable and exempt sales of materials in each State capital city.

5. The ABS is aware that the index numbers in this publication are used widely for adjusting building contract values. Because sales taxes are levied at the point of pricing used in the index, it is possible to calculate the effects of the sales tax changes on the index. The following additional information, therefore, is supplied to assist users. Where adjustments to contract values are determined by the change in price index numbers from one month to the next, users may want to adjust price index numbers for September 1981, and subsequent months, to either reflect fully or exclude entirely the effects of the changes in sales tax. Index numbers published prior to September 1981 do not require adjustment because there has been no other increase in the rates of sales tax for materials included in the index during the period covered by the current series of index numbers.

6. Tables 1 and 2 in this Appendix are provided to assist users who wish to convert published index numbers to obtain continuous series for September 1981 and subsequent months.

(a) Table 1 shows conversion factors to be applied to particular published series to obtain index numbers which *INCLUDE* the full effects of the sales tax increases. Users who wish to calculate index numbers on this basis should check if the index series they use is listed in this table. If so, the index number published for September 1981 for a particular city, or for the weighted average of the six State capital cities, should be *MULTIPLIED* by the relevant conversion factor shown in Table 1.

(b) Table 2 shows conversion factors to be applied to particular published series to obtain index numbers which *EXCLUDE* entirely the effects of the sales tax increases. Users who wish to calculate index numbers on this basis should check if the index series they use is listed in Table 2. If so, the index number published for September 1981 should be *MULTIPLIED* by the relevant conversion factor shown in Table 2.

As an example, the calculations involved in deriving adjusted index series for September 1981 and subsequent months for 'air conditioning' for Sydney are also shown.

7. The conversion factor should be applied to index numbers for all months subsequent to September 1981 to obtain a continuous series.

8. If you have any inquiries about these adjustments, please contact Mr T. L. Harlow by telephoning (062) 52 5542 or our State Offices.

**AUSTRALIAN BUREAU OF STATISTICS
CANNBERRA**

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PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING
TABLE 1. CONVERSION FACTORS TO ADJUST PUBLISHED INDEX NUMBERS TO INCLUDE THE FULL EFFECTS OF SALES TAX CHANGE

Table in which index number published	Published index number affected by sales tax increases in September 1981	Factors						Weighted average of six State capital cities
		Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	
1	All groups	1.001	1.002	1.002	1.001	1.001	1.003	1.001
2	316 Other fabricated metal products							1.001
2	335 Appliances and electrical equipment							1.003
2	336 Industrial machinery and equipment							1.007
2	— Other materials							1.002
3	Vinyl sheet and tiles							1.010
3 & 4	Carpet	1.009	1.009	1.011	1.011	1.009	1.013	1.010
5	All electrical materials	1.003	1.003	1.004	1.004	1.003	1.005	1.003
5	Lamps and light fittings	1.009	1.008	1.010	1.011	1.009	1.013	1.009
5	All mechanical services	1.003	1.004	1.004	1.005	1.003	1.007	1.003
5	— Soundfitting	1.004	1.003	1.004	1.005	1.004	1.008	1.004
5	Lifts and escalators	1.003	1.003	1.004	1.004	1.003	1.005	1.003

Example. To derive an index number for 'Air conditioning' for Sydney for September 1981, including the full effects of the sales tax change:

- | | |
|---|-------|
| 1. Published index number from Table 5 of the publication | 119.1 |
| 2. Factor from Table 1 above | 1.004 |
| 3. Derived index number (1) x (2) | 119.6 |

PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING
TABLE 1. CONVERSION FACTORS TO ADJUST PUBLISHED INDEX NUMBERS TO EXCLUDE ENTIRELY THE EFFECTS OF SALES TAX CHANGE

Table in which index number published	Published index number affected by 1972 tax increases in September 1981	Factors						Weighted average of six State capital cities
		Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	
1	All groups	0.996	0.997	0.999	0.998	0.998	0.999	0.998
2	316 Other fabricated metal products							0.998
2	335 Appliances and electrical equipment							0.995
2	336 Industrial machinery and equipment							0.991
2	— Other materials							0.997
3	Vinyl sheet and tiles							0.985
3 & 4	Carpet	0.985	0.986	0.987	0.987	0.985	0.989	0.986
5	All electrical materials	0.994	0.993	0.995	0.995	0.994	0.995	0.994
5	Lamps and light fittings	0.986	0.984	0.987	0.986	0.985	0.989	0.985
5	All mechanical services	0.994	0.993	0.994	0.995	0.993	0.996	0.994
5	Air conditioning	0.993	0.992	0.993	0.994	0.992	0.996	0.992
5	Elevators and escalators	0.995	0.993	0.994	0.994	0.993	0.995	0.993

Example. To derive an index number for 'Air conditioning' for Sydney for September 1981, excluding the full effects of the sales tax change:

1. Published index number from Table 5 of the publication 119.1
2. Factor from Table 2 above 0.993
3. Derived index number (1) x (2) 118.3

Australian Bureau of Statistics
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