



Australian Bureau of Statistics

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PRICE INDEX OF MATERIALS USED IN HOUSE BUILDING, SIX STATE CAPITAL CITIES AND CANBERRA, APRIL 1990

PHONE INQUIRIES

• *about these statistics and the availability of related unpublished statistics* — contact Kim Tobin on Canberra (06) 252 6198 or any ABS State office.
• *about other statistics and ABS services* — contact Information Services on Canberra (06) 252 6627, 252 5402, 252 6007 or any ABS State office.

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• *write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any ABS State office.*

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MAIN FEATURES

Change between—

	March 90 and April 90	April 89 and April 90
	%	%
Weighted average of six State capital cities	+0.9	+6.7
Sydney	+1.1	+7.2
Melbourne	+0.5	+4.7
Brisbane	+0.7	+7.6
Adelaide	+1.1	+7.0
Perth	+1.2	+8.9
Hobart	+0.3	+6.2
Canberra	+0.5	+7.1

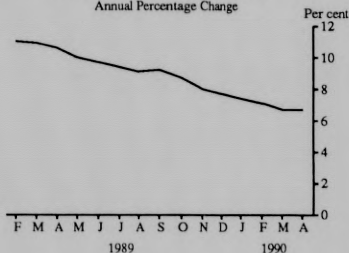
The All groups index (weighted average of the six State capital cities) increased by 0.9% (+1.2 index points) in April 1990, continuing the upward trend since December 1989.

The increase in April reflects increases in a wide range of items, the main increases being for:

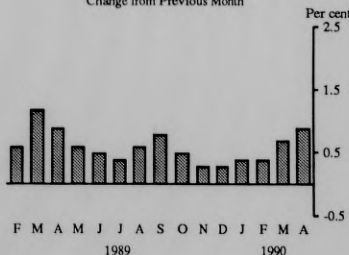
- plaster and plaster products (+0.27 index points) in all cities;
- structural timber (+0.16 index points) in all cities;
- electrical cable (+0.10 index points) in all cities;
- builders hardware (+0.10 index points) in all cities.

The annual rate of increase in the All groups index (weighted average of the six State capital cities) fell again in April 1990, continuing the overall downward trend evident since October 1988.

ALL GROUPS INDEX
Weighted average of six State capital cities
Annual Percentage Change



Change from Previous Month



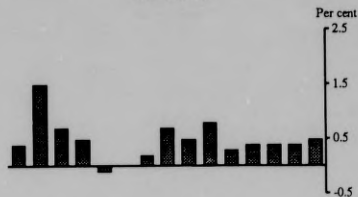
NOTE: Explanatory Notes are published at the back of this publication.

PRICE INDEX OF MATERIALS USED IN HOUSE BUILDING—ALL GROUPS
PERCENTAGE CHANGE FROM PREVIOUS MONTH

SYDNEY



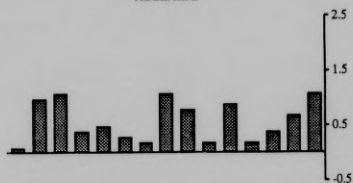
MELBOURNE



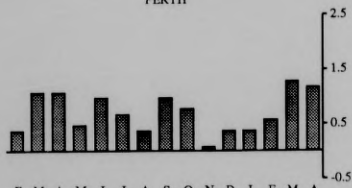
BRISBANE



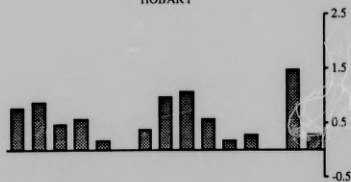
ADELAIDE



PERTH



HOBART



CANBERRA

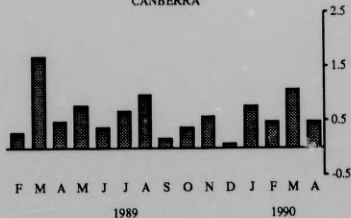


TABLE 1. PRICE INDEX OF MATERIALS USED IN HOUSE BUILDING

	Weighted average of six State capital cities	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra
INDEX NUMBERS								
Base Year: 1985-86=100.0								1986-87=100.0
1986-87	105.8	106.2	105.7	104.6	105.1	106.7	105.0	100.0
1987-88	113.8	114.8	114.3	112.0	110.8	114.2	110.7	109.7
1988-89	126.1	128.4	125.8	123.8	120.9	128.1	120.0	121.0
1988-89—								
February	127.3	129.6	126.8	124.8	121.6	130.2	121.2	121.8
March	128.8	131.6	128.7	125.4	122.8	131.6	122.3	123.9
April	129.9	132.4	129.6	127.1	124.1	133.0	122.9	124.5
May	130.7	133.9	130.2	127.5	124.6	133.7	123.6	125.5
June	131.3	134.3	130.1	128.8	125.2	135.1	123.8	125.8
1989-90—								
July	131.8	135.3	130.1	129.4	125.6	136.1	123.8	126.7
August	132.6	136.8	130.4	130.8	125.8	136.7	124.3	128.0
September	133.7	137.8	131.3	131.6	127.2	138.1	125.5	128.3
October	134.4	138.3	131.9	132.4	128.2	139.2	126.9	128.8
November	134.8	138.0	132.9	133.3	128.5	139.4	127.6	129.6
December	135.2	138.1	133.3	133.9	129.6	140.0	127.8	129.7
January p	135.8	138.7	133.8	134.7	129.9	140.5	128.2	130.7
February p	136.4	139.2	134.4	135.4	130.4	141.3	128.2	131.3
March p	137.4	140.3	135.0	135.9	131.3	143.1	130.1	132.7
April p	138.6	141.9	135.7	136.8	132.8	144.8	130.5	133.3
PERCENTAGE CHANGES								
Change from previous year								
1986-87	+5.8	+6.2	+5.7	+4.6	+5.1	+6.7	+5.0	n.a.
1987-88	+7.6	+8.1	+8.1	+7.1	+5.4	+7.0	+5.4	+9.7
1988-89	+10.8	+11.8	+10.1	+10.5	+9.1	+12.2	+8.4	+10.3
Change from corresponding month of previous year								
1988-89—								
February	+11.0	+12.4	+10.3	+9.6	+8.1	+13.4	+9.3	+9.3
March	+10.9	+12.4	+10.2	+9.5	+8.2	+13.5	+8.9	+9.7
April	+10.6	+10.9	+10.2	+9.5	+8.8	+13.9	+8.7	+9.6
May	+10.0	+11.0	+9.2	+8.2	+8.3	+13.5	+8.1	+9.6
June	+9.7	+10.6	+8.1	+8.8	+7.8	+13.6	+7.3	+9.2
1989-90—								
July	+9.4	+11.0	+7.7	+8.5	+7.1	+13.2	+6.3	+9.7
August	+9.1	+11.4	+7.2	+9.0	+6.9	+11.3	+6.9	+9.9
September	+9.2	+11.3	+7.1	+9.0	+7.8	+11.6	+7.4	+8.8
October	+8.7	+9.6	+6.9	+8.7	+8.4	+11.9	+7.5	+8.1
November	+8.0	+8.2	+6.7	+8.6	+7.5	+10.6	+7.1	+8.3
December	+7.7	+7.7	+6.7	+8.4	+7.8	+10.1	+7.4	+7.6
January p	+7.4	+7.9	+5.9	+8.7	+6.9	+8.3	+6.7	+7.7
February p	+7.1	+7.4	+6.0	+8.5	+7.2	+8.5	+5.8	+7.8
March p	+6.7	+6.6	+4.9	+8.4	+6.9	+8.7	+6.4	+7.1
April p	+6.7	+7.2	+4.7	+7.6	+7.0	+8.9	+6.2	+7.1
Change from previous month								
1988-89—								
February	+0.6	+0.8	+0.4	+0.7	+0.1	+0.4	+0.8	+0.3
March	+1.2	+1.5	+1.5	+0.5	+1.0	+1.1	+0.9	+1.7
April	+0.9	+0.6	+0.7	+1.4	+1.1	+1.1	+0.5	+0.5
May	+0.6	+1.1	+0.5	+0.3	+0.4	+0.5	+0.6	+0.8
June	+0.5	+0.3	-0.1	+1.0	+0.5	+1.0	+0.2	+0.2
1989-90—								
July	+0.4	+0.7	—	+0.5	+0.3	+0.7	—	+0.7
August	+0.6	+1.1	+0.2	+1.1	+0.2	+0.4	+0.4	+1.0
September	+0.8	+0.7	+0.7	+0.6	+0.6	+1.1	+1.0	+0.2
October	+0.5	+0.4	+0.5	+0.6	+0.8	+0.8	+1.1	+0.4
November	+0.3	-0.2	+0.8	+0.7	+0.2	+0.1	+0.6	+0.6
December	+0.3	+0.1	+0.3	+0.5	+0.9	+0.4	+0.2	+0.1
January p	+0.4	+0.4	+0.4	+0.6	+0.2	+0.4	+0.3	+0.8
February p	+0.4	+0.4	+0.4	+0.5	+0.4	+0.6	+0.6	+0.8
March p	+0.7	+0.8	+0.4	+0.4	+0.7	+1.3	+1.5	+1.1
April p	+0.9	+1.1	+0.5	+0.7	+1.1	+1.2	+0.3	+0.5

EXPLANATORY NOTES

Introduction

This publication contains the Price Index of Materials Used in House Building on reference base: Year 1985-86 = 100.0 for the six State capital cities and 1986-87 = 100.0 for Canberra. The Appendix to the October 1986 issue of this publication contains a more detailed description of the index and its relationship with previous indexes.

Scope and composition

2. The index measures changes in prices of selected materials used in the construction of houses in each capital city Statistical Division. A house is defined as a detached building predominantly used for long term residential purposes and consisting of only one dwelling unit. The index does not purport to represent buildings of any kind other than detached houses.

Items and weights

3. The index is a fixed weights index. The items and weights were derived from reported values of each material used in selected representative houses constructed in or about 1985-86. Each capital city has an individual weighting pattern. These reflect the differences in the relative usage of different materials in the various cities and differences in price levels between the cities.

4. The weighting pattern for Canberra was shown in the Appendix to the February 1988 issue of this publication.

Prices

5. Prices used relate to precise standards of each material. The aim of the index is to measure price changes for materials of constant quality.

6. In general the point of pricing is delivered on site, but in some cases it is necessary to use the nearest realistic price available, e.g. that for materials supplied and fixed. Prices are obtained in each capital city from representative suppliers of materials used in house building. In the main the prices are collected at the mid-point of the month to which the index relates.

7. As far as possible, actual transactions prices are used in this index — that is the prices actually paid by building contractors or subcontractors to materials suppliers for materials delivered on building sites. The actual price paid for anything can, of course, be described in various ways. Instead of being described as a single price (as usually happens in retail shops) a price for a building material may be described in terms of the components that make up the price — for instance 'list price plus sales tax', 'suppliers price plus freight', 'basic price less (particular types of) discount' and so on. It is these net prices that buyers pay to sellers in exchange for materials that the ABS aims to use in compiling this price index.

8. The ABS asks respondent businesses to report details of the discounts they offer so that actual transactions

prices can be calculated. However as building materials suppliers offer many different types of discounts to buyers (e.g. trade discounts, settlement discounts, quantity discounts, competitive discounts) the identification of the discounts and the way in which they are applied by sellers pose considerable problems for the ABS. To the extent that discounts are identified and measured their effects are taken into account in calculating the index. Sometimes new discounts, or changes in the way discounts are applied by sellers, are identified only after index numbers for a period have been published. In such cases, or in any other case where it is discovered that incorrect prices have been used in compiling the indexes, revisions to index numbers will occur in subsequent issues of this publication.

9. Sales taxes levied on building materials are included in the prices used to compile the index. Materials used in the construction of Commonwealth, State and Local Government owned houses are exempt from sales tax. At any particular time when there is a change in the rate of sales tax on building materials, the index is calculated to take into account the proportion of materials sold subject to sales tax at that time and the proportion of materials exempt from sales tax.

Index numbers

10. Index numbers for financial years are simple averages of monthly index numbers for each period. All index numbers for the latest month and the three previous months are preliminary and subject to revision. However, it may be necessary from time to time to revise index numbers for earlier periods if incorrect prices for those periods are detected later on.

11. The separate city indexes measure price movements within each capital city individually. They enable comparisons to be drawn between cities as to differences in degree of price movement from period to period. They do not measure differences in price levels between cities.

Percentage changes

12. Table 1 shows price movements expressed in terms of percentage changes. The following example illustrates the method of calculating percentage changes

Weighted average of six State capital cities—

Index number as at January 1990:	135.8
Index number as at December 1989:	135.2

$$\text{Percentage change} = \frac{135.8 - 135.2}{135.2} \times 100 = +0.4\%$$

Interpretation

13. Care should be exercised when interpreting month-to-month movements in the indexes as short term movements do not necessarily indicate changes in trend.

Related publications

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

Price Index of Materials Used in Building Other Than House Building, Eight Capital Cities (6407.0)—issued monthly

Price Indexes of Materials Used in Manufacturing Industries, Australia (6411.0)—issued monthly

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

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

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

Award Rates of Pay Indexes, Australia (6312.0)—issued monthly

Average Weekly Earnings, States and Australia (6302.0)—issued quarterly

16. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Unpublished statistics

17. As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to

the contact in Phone Inquiries box at the front of this publication.

Symbols and other usages

- p preliminary—figures subject to revision
- nil, or rounded to zero
- r figures revised since previous issue

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