

**PRICE INDEXES OF COPPER MATERIALS, AUSTRALIA
JUNE 1997**

Planned changes to this publication

- *As a result of measures in the 1997/98 Federal Budget to reduce ABS running costs, the frequency of the compilation and publication of the producer and international trade price indexes will be reduced from monthly to quarterly, thereby putting the statistics on the same frequency as the Consumer Price Index. The June 1997 issue of this publication will be the last monthly release. Commencing with the September quarter 1997, the publication will be released on a quarterly basis.*
 - *Subscriptions will be automatically extended to compensate for the reduced frequency of publication. This will be reflected on 1998 renewal notices. If you wish to make other arrangements please call our toll free number, 1800 020 608.*
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EXPLANATORY NOTES

Introduction

This publication contains index numbers for copper materials used in the manufacture of three types of electrical equipment (namely *Industrial electric motors*; *Distribution transformers*; and *Power transformers*). Each index is presented on *reference base: Year 1983-84 = 100.0*.

2. A detailed description of these indexes was shown in the Appendix to the June 1984 issue of this publication.

Items and weights

3. These indexes are *fixed weights indexes*. The items included in the indexes were allocated weights in accordance with the estimated average values of copper material used in the manufacture of each type of equipment in 1982-83. The weights do not necessarily reflect the relative values of materials used by particular manufacturers.

Prices

4. The prices used in these indexes relate to the mid-point of each month. Prices are those charged by major manufacturers or distributors of copper materials to electrical equipment manufacturers for materials

delivered into store. The prices used relate to materials of fixed specifications.

5. The index for *Industrial electric motors* is intended to measure price movements of copper materials used in electric motors for industrial applications only. This index does not necessarily reflect the price movements of copper used in the manufacture of other smaller types of electric motors, such as those used as components in white goods or other domestic appliances.

Index numbers

6. Index numbers for financial years are simple averages of the monthly index numbers.

7. Index numbers for the latest month are preliminary and subject to revision. However, it may be necessary to revise index numbers for earlier periods, from time to time, where incorrect prices for those periods are detected later on.

Analysis of index changes

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

INQUIRIES

- *for further information about statistics in this publication and the availability of related unpublished statistics contact Wohoro Ndooho on Canberra (06) 252 6424 or any ABS State office.*
 - *for information about other ABS statistics and services please contact Information Services on Canberra (06) 252 6627, 252 6007 or any ABS State office.*
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9. 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 index points changes and percentage changes between any two periods:

Industrial electric motors index numbers –

June 1997	187.6 (see Table 1)
less June 1996	180.1 (see Table 1)
Change in index points	7.5

$$\text{Percentage change} = 7.5/180.1 \times 100 = 4.2$$

10. In this publication percentage changes are shown in respect of movements between:

- consecutive financial years
- corresponding months of consecutive years
- consecutive months.

Related publications

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

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

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

Price Indexes of Materials Used in Coal Mining, Australia (6415.0)

Price Index of Materials Used in Building Other than House Building, Six State Capital Cities (6407.0)

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

Export Price Index, Australia (6405.0)

12. 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 *Release Advice (1105.0)* which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

Unpublished statistics

13. As well as the statistics included in this and related publications, the ABS has a large range of other relevant unpublished data available. Inquiries should be directed to the contact in the phone inquiries box at the front of this publication.

Symbols and other usages

- p preliminary – figures subject to revision.
- r figure revised since previous issue.
- nil or rounded to zero.

Electronic services

14. A large range of data is available via on-line services, diskette, magnetic tape, tape cartridge and CD ROM. For more details about our electronic data services, contact any ABS office.

W. McLennan
Australian Statistician

TABLE 1. PRICE INDEXES OF COPPER MATERIALS USED IN THE MANUFACTURE
OF ELECTRICAL EQUIPMENT
(Base of each index: Year 1983-84 = 100.0)

<i>Period</i>	<i>Copper materials used in the manufacture of—</i>		
	<i>Industrial electric motors</i>	<i>Distribution transformers</i>	<i>Power transformers</i>
INDEX NUMBERS			
1993-94	166.4	158.7	193.7
1994-95	195.5	186.4	217.3
1995-96	196.7	185.4	218.6
<i>1995-96 —</i>			
April	183.9	172.6	207.7
May	190.5	179.3	213.6
June	180.1	168.9	204.9
<i>1996-97 —</i>			
July	162.8	151.8	190.5
August	166.5	155.9	194.3
September	163.8	153.0	189.7
October	160.9	148.9	187.1
November	164.8	153.1	189.7
December	176.7	165.0	198.2
January	174.2	162.6	196.9
February	180.3	170.4	200.7
March	181.8	169.7	203.8
April	180.1	168.1	201.6
May	181.0	169.5	202.3
June p	187.6	175.7	207.3

**TABLE 1. PRICE INDEXES OF COPPER MATERIALS USED IN THE MANUFACTURE
OF ELECTRICAL EQUIPMENT- continued**
(Base of each index: Year 1983-84 = 100.0)

Period	Copper materials used in the manufacture of —		
	Industrial electric motors	Distribution transformers	Power transformers
PERCENTAGE CHANGES			
Change from previous year			
1993-94	-6.7	-6.8	-3.8
1994-95	7.5	7.6	2.7
1995-96	9.9	8.6	9.8
Change from corresponding month of previous year			
1995-96 —			
April	-10.9	-11.7	-8.7
May	-4.5	-4.9	-2.7
June	-14.0	-14.6	-10.3
1996-97 ..			
July	-24.1	-25.1	-18.1
August	-19.3	-19.9	-13.8
September	-19.5	-20.1	-15.5
October	-19.1	-20.7	-15.5
November	-18.3	-19.4	-14.7
December	-13.8	-15.3	-12.5
January	-12.2	-13.4	-10.8
February	-4.9	-4.5	-5.6
March	-3.5	-4.2	-3.6
April	-2.1	-2.6	-2.9
May	-5.0	-5.5	-5.3
June p	4.2	4.0	1.2
Change from previous month			
1995-96 —			
April	-2.3	-2.6	-1.8
May	3.6	3.9	2.8
June	-5.5	-5.8	-4.1
1996-97 —			
July	-9.6	-10.1	-7.0
August	2.3	2.7	2.0
September	-1.6	-1.9	-2.4
October	-1.8	-2.7	-1.4
November	2.4	2.8	1.4
December	7.2	7.8	4.5
January	-1.4	-1.5	-0.7
February	3.5	4.8	1.9
March	0.8	-0.4	1.5
April	-0.9	-0.9	-1.1
May	0.5	0.8	0.3
June p	3.6	3.7	2.5

