

# **EXPORT PRICE INDEX** AUSTRALIA

EMBARGOED UNTIL 11:30AM THURS 17 OCTOBER 1996

## **AUGUST KEY FIGURES**

|   | <b>% change<br/>Jul 96 to<br/>Aug 96</b> | <b>% change<br/>Aug 95 to<br/>Aug 96</b> |
|---|--|--|
| <b>All groups</b>                         | <b>0.8</b>                               | <b>-5.0</b>                              |
| Live animals, animal products             | 0.2                                      | -12.7                                    |
| Vegetable products                        | -0.6                                     | 22.2                                     |
| Prepared foodstuffs                       | 3.5                                      | 1.5                                      |
| Mineral products                          | 1.3                                      | 0.9                                      |
| Products of chemical or allied industries | -0.2                                     | -0.3                                     |
| Wool and cotton fibres                    | 1.5                                      | -20.4                                    |
| Gold, diamonds and coin                   | 1.5                                      | -6.1                                     |
| Base metals and articles of base metals   | 0.6                                      | -18.8                                    |
| Machinery and mechanical appliances       | -0.3                                     | -4.1                                     |
| Motor vehicles, aircraft and vessels      | -0.1                                     | -4.4                                     |

## **AUGUST KEY POINTS**

### **ALL GROUPS INDEX**

- The Export Price Index rose by 0.8% during August.

### **MAJOR MOVEMENTS**

- Short term fluctuations in supply levels led to price rises for some petroleum products. A decrease in the value of the Australian dollar against the major trading currencies also affected prices for a range of products.

### **All groups**

Base: 1989-90 = 100.0

Index

110

105

100

95

90

85

Aug 1992 Aug 1993 Aug 1994 Aug 1995 Aug 1996

### **All groups**

Monthly % change

%

3

2

1

0

-1

-2

-3

J A O D F A J A  
1995 1996

## **INQUIRIES**

- For further information about these and related statistics, contact Peter Sturgeon on 06 252 5348, or any ABS Office.

## PRICE INDEX NOTES

### FORTHCOMING ISSUES

#### ISSUE

#### RELEASE DATE

September 1996

15 November 1996

October 1996

16 December 1996

November 1996

23 January 1997

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### CHANGES IN THIS ISSUE

There are no changes in this issue.

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W. McLennan

Australian Statistician

# EXPORT PRICE INDEX, All Groups

| <i>Period</i>  | <i>Index numbers<sup>1</sup></i> | <i>% change from<br/>corresponding month<br/>of previous year</i> | <i>% change from<br/>previous period</i> |
|----------------|----------------------------------|---|--|
| <b>1993-94</b> | 91.8                             |   | -1.8                                     |
| <b>1994-95</b> | 94.7                             |   | 3.2                                      |
| <b>1995-96</b> | 96.1                             |   | 1.5                                      |
| <b>1995</b>    |                                  |   |  |
| June           | 100.3                            | 11.7  | 0.4                                      |
| July           | 100.6                            | 11.0  | 0.3                                      |
| August         | 98.6                             | 9.6   | -2.0                                     |
| September      | 96.4                             | 5.9   | -2.2                                     |
| October        | 95.4                             | 2.9   | -1.0                                     |
| November       | 95.8                             | 3.3   | 0.4                                      |
| December       | 96.7                             | 4.7   | 0.9                                      |
| <b>1996</b>    |                                  |   |  |
| January        | 97.4                             | 3.7   | 0.7                                      |
| February       | 96.8                             | 0.7   | -0.6                                     |
| March          | 95.2                             | -2.4  | -1.7                                     |
| April          | 93.8                             | -5.2  | -1.5                                     |
| May            | 93.2                             | -6.7  | -0.6                                     |
| June           | 93.1                             | -7.2  | -0.1                                     |
| July           | 93.0                             | -7.6  | -0.1                                     |
| August         | 93.7                             | -5.0  | 0.8                                      |

<sup>1</sup> Base of each index: 1989-90 = 100.0

EXPORT PRICE INDEX, AHECC and ASIC Contribution to All Groups Index<sup>1</sup>

| Category  | July<br>1996 | August<br>1996 | Change |
|---|--------------|----------------|--------|
| All Groups Index  | 93.0         | 93.7           | 0.7    |
| SELECTED AHECC SECTIONS: Contribution to All Groups Index (index points)    |              |                |        |
| 01 Live animals, animal products  | 7.95         | 7.96           | 0.01   |
| 02 Vegetable products   | 9.88         | 9.81           | -0.07  |
| 04 Prepared foodstuffs  | 4.32         | 4.47           | 0.15   |
| 05 Mineral products   | 26.67        | 27.02          | 0.35   |
| 06 Products of chemical or allied industries                                | 6.62         | 6.60           | -0.02  |
| 11 Wool and cotton fibres   | 8.92         | 9.05           | 0.13   |
| 14 Gold, diamonds and coin  | 6.80         | 6.90           | 0.10   |
| 15 Base metals and articles of base metals                                  | 10.25        | 10.31          | 0.06   |
| 16 Machinery and mechanical appliances                                      | 4.06         | 4.05           | -0.01  |
| 17 Motor vehicles, aircraft and vessels                                     | 2.17         | 2.17           | 0.00   |
| Other exports   | 5.36         | 5.36           | 0.00   |
| SELECTED ASIC SUBDIVISIONS: Contribution to All Groups Index (index points) |              |                |        |
| 01 Agriculture  | 19.52        | 19.59          | 0.07   |
| 11 Metallic minerals  | 9.95         | 10.02          | 0.07   |
| 12 Coal   | 11.27        | 11.22          | -0.05  |
| 21 Food, beverages and tobacco  | 10.83        | 10.99          | 0.16   |
| 27 Chemical, petroleum and coal products                                    | 10.86        | 11.16          | 0.30   |
| 29 Basic metal products   | 10.25        | 10.31          | 0.06   |
| 32 Transport equipment  | 2.17         | 2.17           | 0.00   |
| Other exports   | 18.15        | 18.24          | 0.09   |

<sup>1</sup> For an explanation of this table see paragraph 14 of Explanatory Notes.



# EXPORT PRICE INDEX, By Selected AHECC Section<sup>1</sup>

| Period         | Live animals, animal products (01) | Vegetable products (02) | Prepared foodstuffs (04) | Mineral products (05) | Products of chemical or allied industries (06) | Wool and cotton fibres (11) | Gold, diamonds and coin (14) | Base metals and articles of base metals (15) | Machinery and mechanical appliances (16) | Motor vehicles, aircraft and vessels (17) |
|----------------|------------------------------------|-------------------------|--------------------------|-----------------------|--|-----------------------------|------------------------------|--|--|---|
| <b>1993-94</b> | 110.3                              | 88.6                    | 102.3                    | 100.9                 | 87.5   | 59.0                        | 110.4                        | 76.3   | 97.5                                     | 109.3                                     |
| <b>1994-95</b> | 105.9                              | 82.7                    | 104.6                    | 95.1                  | 84.4   | 80.8                        | 104.0                        | 96.8   | 97.2                                     | 108.2                                     |
| <b>1995-96</b> | 98.8                               | 101.1                   | 101.3                    | 100.9                 | 89.5   | 72.7                        | 102.3                        | 97.0   | 95.8                                     | 107.3                                     |
| <b>1995</b>    |                                    |                         |                          |                       |  |                             |                              |  |  |   |
| June           | 109.2                              | 88.2                    | 107.5                    | 103.1                 | 88.0   | 85.6                        | 108.0                        | 105.4  | 98.9                                     | 111.6                                     |
| July           | 107.1                              | 91.7                    | 104.6                    | 102.1                 | 90.1   | 88.2                        | 106.1                        | 107.2  | 99.3                                     | 111.2                                     |
| August         | 103.3                              | 91.6                    | 100.0                    | 100.7                 | 89.4   | 84.8                        | 104.3                        | 105.4  | 97.0                                     | 109.1                                     |
| September      | 101.2                              | 90.8                    | 100.8                    | 99.3                  | 88.0   | 80.3                        | 101.3                        | 101.5  | 95.6                                     | 108.0                                     |
| October        | 100.6                              | 91.9                    | 102.2                    | 98.6                  | 87.0   | 77.1                        | 100.6                        | 98.3   | 95.6                                     | 107.8                                     |
| November       | 100.7                              | 95.1                    | 102.8                    | 100.3                 | 86.5   | 71.7                        | 102.9                        | 99.7   | 95.3                                     | 108.6                                     |
| December       | 101.7                              | 105.5                   | 103.0                    | 101.8                 | 86.9   | 69.5                        | 103.6                        | 98.2   | 95.5                                     | 108.8                                     |
| <b>1996</b>    |                                    |                         |                          |                       |  |                             |                              |  |  |   |
| January        | 101.7                              | 107.9                   | 102.1                    | 103.8                 | 89.3   | 68.0                        | 107.0                        | 96.3   | 96.1                                     | 107.9                                     |
| February       | 101.2                              | 107.8                   | 102.1                    | 102.2                 | 91.2   | 69.8                        | 106.5                        | 94.0   | 95.9                                     | 107.1                                     |
| March          | 95.7                               | 107.4                   | 101.6                    | 100.4                 | 92.8   | 68.1                        | 101.8                        | 93.2   | 96.0                                     | 105.8                                     |
| April          | 92.2                               | 106.1                   | 98.9                     | 100.4                 | 91.5   | 65.9                        | 99.1                         | 91.4   | 95.3                                     | 104.8                                     |
| May            | 90.1                               | 107.1                   | 98.1                     | 100.3                 | 91.0   | 65.2                        | 97.5                         | 90.5   | 94.8                                     | 104.2                                     |
| June           | 90.4                               | 110.8                   | 99.5                     | 100.6                 | 90.2   | 64.0                        | 96.5                         | 87.8   | 93.5                                     | 104.2                                     |
| July           | 90.0                               | 112.6                   | 98.1                     | 100.3                 | 89.3   | 66.5                        | 96.5                         | 85.1   | 93.3                                     | 104.4                                     |
| August         | 90.2                               | 111.9                   | 101.5                    | 101.6                 | 89.1   | 67.5                        | 97.9                         | 85.6   | 93.0                                     | 104.3                                     |

<sup>1</sup> Base of each index: 1989-90 = 100.0

# EXPORT PRICE INDEX, By Selected SITC Section<sup>1</sup>

| Period         | Food and<br>live<br>animals<br>(0) | Crude<br>materials<br>(2) | Mineral<br>fuels<br>(3) | Chemicals and<br>related<br>products<br>(5) | Manufactured<br>goods by<br>material<br>(6) | Machinery and<br>transport<br>equipment<br>(7) | Miscellaneous<br>manufactured<br>articles<br>(8) |
|----------------|------------------------------------|---------------------------|-------------------------|---|---|--|--|
| <b>1993-94</b> | 100.1                              | 75.9                      | 108.0                   | 86.3  | 79.6  | 101.4  | 111.3  |
| <b>1994-95</b> | 96.3                               | 85.9                      | 101.2                   | 85.1  | 98.0  | 100.8  | 107.8  |
| <b>1995-96</b> | 100.3                              | 83.4                      | 108.0                   | 91.0  | 97.4  | 99.6   | 106.2  |
| <b>1995</b>    |                                    |                           |                         |   |   |  |  |
| June           | 100.5                              | 90.8                      | 110.3                   | 89.8  | 106.5                                       | 103.1  | 110.5  |
| July           | 100.5                              | 91.9                      | 108.9                   | 91.8  | 108.0                                       | 103.2  | 110.6  |
| August         | 98.0                               | 89.6                      | 107.6                   | 91.2  | 106.1                                       | 101.0  | 108.9  |
| September      | 97.0                               | 86.5                      | 106.5                   | 89.5  | 101.9                                       | 99.7   | 107.3  |
| October        | 97.5                               | 84.7                      | 105.8                   | 88.0  | 98.7  | 99.6   | 107.4  |
| November       | 99.0                               | 83.0                      | 107.1                   | 87.4  | 100.0                                       | 99.6   | 108.2  |
| December       | 103.6                              | 82.4                      | 108.7                   | 87.6  | 98.5  | 99.8   | 108.7  |
| <b>1996</b>    |                                    |                           |                         |   |   |  |  |
| January        | 104.4                              | 81.9                      | 111.7                   | 90.7  | 96.7  | 100.0  | 106.9  |
| February       | 104.1                              | 82.0                      | 110.0                   | 92.7  | 94.6  | 99.6   | 106.3  |
| March          | 101.6                              | 80.9                      | 107.1                   | 94.5  | 93.7  | 99.2   | 104.1  |
| April          | 99.1                               | 79.6                      | 107.4                   | 93.5  | 91.8  | 98.4   | 102.5  |
| May            | 98.5                               | 79.3                      | 107.2                   | 93.0  | 90.8  | 97.9   | 101.7  |
| June           | 100.4                              | 78.8                      | 107.8                   | 92.1  | 88.4  | 97.0   | 102.0  |
| July           | 100.2                              | 80.5                      | 107.2                   | 91.1  | 86.1  | 96.9   | 102.8  |
| August         | 100.8                              | 81.2                      | 109.0                   | 90.7  | 86.5  | 96.7   | 103.7  |

<sup>1</sup> Base of each index: 1989-90 = 100.0

EXPORT PRICE INDEX, By Selected ASIC Industry of Origin Division and Subdivision<sup>1</sup>

| Period         | Agriculture,<br>forestry, fishing<br>and hunting<br>(A) | Metallic<br>minerals<br>(11) | Coal<br>(12) | Mining<br>(B) | Food, beverages<br>and tobacco<br>(21) | Chemical,<br>petroleum and<br>coal products<br>(27) | Manufacturing<br>(C) |
|----------------|---|------------------------------|--------------|---------------|--|---|----------------------|
| <b>1993-94</b> | 72.2  | 92.9                         | 106.3        | 101.0         | 103.8                                  | 102.0   | 95.2                 |
| <b>1994-95</b> | 83.4  | 88.6                         | 96.1         | 94.2          | 99.5                                   | 101.4   | 98.6                 |
| <b>1995-96</b> | 85.1  | 93.5                         | 103.5        | 100.0         | 94.3                                   | 107.0   | 98.0                 |
| <b>1995</b>    |   |                              |              |               |  |   |                      |
| June           | 88.9  | 95.4                         | 105.5        | 102.4         | 101.4                                  | 106.7   | 103.0                |
| July           | 91.3  | 94.8                         | 104.7        | 101.5         | 99.5                                   | 107.9   | 103.0                |
| August         | 89.2  | 93.4                         | 104.7        | 100.5         | 95.5                                   | 105.9   | 100.7                |
| September      | 86.2  | 91.6                         | 103.5        | 99.2          | 94.5                                   | 103.6   | 98.5                 |
| October        | 84.6  | 91.0                         | 104.0        | 98.5          | 95.0                                   | 102.3   | 97.5                 |
| November       | 82.0  | 93.4                         | 105.5        | 100.4         | 96.9                                   | 101.8   | 98.5                 |
| December       | 84.5  | 94.8                         | 106.1        | 101.6         | 97.9                                   | 103.4   | 98.6                 |
| <b>1996</b>    |   |                              |              |               |  |   |                      |
| January        | 84.6  | 95.3                         | 105.8        | 102.0         | 97.2                                   | 109.7   | 99.7                 |
| February       | 85.8  | 93.9                         | 103.9        | 100.3         | 96.5                                   | 111.1   | 99.1                 |
| March          | 84.5  | 93.7                         | 100.1        | 98.6          | 92.5                                   | 111.6   | 97.3                 |
| April          | 82.4  | 93.4                         | 101.2        | 99.1          | 89.9                                   | 109.5   | 95.3                 |
| May            | 82.4  | 93.5                         | 101.0        | 99.0          | 88.1                                   | 109.1   | 94.4                 |
| June           | 83.4  | 93.3                         | 102.0        | 99.3          | 88.3                                   | 108.4   | 93.5                 |
| July           | 85.4  | 93.3                         | 103.5        | 99.9          | 87.6                                   | 105.1   | 92.2                 |
| August         | 85.7  | 94.0                         | 103.0        | 100.2         | 88.9                                   | 108.0   | 93.3                 |

<sup>1</sup> Base of each index: 1989-90 = 100.0

## EXPLANATORY NOTES

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### INTRODUCTION

**1** This publication presents index numbers measuring changes in the prices of exports of merchandise from Australia—the Export Price Index. It is calculated on a reference base of 1989–90 = 100.0.

**2** Index numbers for the current month and the previous month are preliminary and subject to revision.

### SCOPE

**3** The Export Price Index includes re-exports of merchandise (that is, goods which are imported into Australia and exported at a later date without physical transformation). The index numbers for each month relate to prices of those exports of merchandise that are physically shipped from Australia during that month.

### CLASSIFICATION

**4** Index numbers for selected sections of the Australian Harmonised Export Commodity Classification (AHECC) are provided in Table 3 while index numbers for selected sections of the Standard International Trade Classification (SITC), Revision 3 are provided in Table 4.

**5** Table 5 contains index numbers for selected Divisions and Subdivisions, on an 'industry of origin' basis, of the Australian Standard Industrial Classification (ASIC). The 'industry of origin' is the industry in which the exported commodity is primarily produced, determined in accordance with the classification rules of the ASIC. It is therefore not necessarily identical with the industry from which the export transactions are actually made. For instance, many exports are made by traders or by marketing authorities, but these exports are classified to the appropriate producing industries, rather than to the wholesale trading industries from which they are actually exported.

### ITEMS AND WEIGHTS

**6** The index is a fixed weights index. The commodities directly represented in the index (the index items), were selected on the basis of their export values in 1988–89. They constituted approximately 95 per cent of the total value of exports of merchandise from Australia in that year. The selected items were allocated weights in accordance with the average value of exports for each item in 1988–89. These weights were then revalued to reflect 1989–90 price levels. Many of the items carry not only their own weight but also the weight of unpriced commodities whose prices are considered to move in a similar manner. The weighting pattern of the Export Price Index, i.e. the percentage contributions for index items and groups, was shown in the September 1990 issue of this publication.

### PRICE MEASUREMENT

**7** In general, prices are obtained from major exporters of the selected items included in the index. The point of pricing for the Export Price Index is the point at which the goods physically leave Australia, i.e. prices are on a 'free on board' basis (f.o.b.) at main Australian ports of export.

**8** As the prices used in the index are expressed in Australian currency, changes in the relative value of the Australian dollar and overseas currencies can have a direct impact on price movements for the many commodities that are sold in currencies other than Australian dollars. Where exports are sold at prices expressed in terms of a foreign currency and forward exchange cover is used, the prices in the index *exclude* forward exchange cover.



PRICE MEASUREMENT

(continued)

**9** The price series used relate to specified standards, grades, types, etc. of each commodity. The aim is to incorporate in the index, price changes for exports of representative goods of constant quality. Wherever possible, prices to predominant export markets are used for each of the specified goods priced, in order to lessen the impact of price variations attributable solely to changes, over time, in market destinations. In most cases prices are combined using fixed weights between markets. Weights between markets are reviewed from time to time and revised where necessary.

INDEX NUMBERS

**10** Index numbers for financial years are simple averages of monthly index numbers.

REVISIONS

**11** Index numbers for the current month and the previous month are preliminary and subject to revision. From time to time index numbers for earlier months may also be revised. This will occur whenever the ABS obtains more complete information or discovers that incorrect prices have been used.

ANALYSIS OF INDEX CHANGES

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

**13** 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:

All groups index numbers —

|                        |                                |               |
|------------------------|--------------------------------|---------------|
| August 1996            | 93.7                           | (see Table 1) |
| less August 1995       | 98.6                           | (see Table 1) |
| Change in index points | -4.9                           |               |
| Percentage change      | $\frac{-4.9}{98.6} \times 100$ | = -5.0        |

**14** Table 2 provides an analysis of the contribution which selected categories of exports make to the All groups index. For example, Mineral products contributed 27.02 index points to the All groups index number of 93.7 for August 1996 and 0.35 index points to the net change of 0.7 index points.

FURTHER INFORMATION

**15** The September 1990 issue of this publication contains a more detailed description of the index.

**16** Further information on the index is presented in the publication *Producer and Foreign Trade Price Indexes: Concepts, Sources and Methods* (6419.0).

**17** A detailed description of previous Export Price Indexes is contained in *Year Book Australia* No. 55, 1969, pages 256-7 and in *Year Book Australia* No. 58, 1972, pages 240-2 and in the July 1979 issue of this publication.

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RELATED PUBLICATIONS

**18** Users may also wish to refer to the following publications which are available from ABS Bookshops:

- *Import Price Index, Australia* (6414.0)
- *Price Indexes of Articles Produced by Manufacturing Industry, Australia* (6412.0)
- *Price Indexes of Materials Used in Manufacturing Industries, Australia* (6411.0)

**19** Other ABS publications that may be of interest include *Balance of Payments, Australia* (5302.0).

**20** 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

**21** 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 Peter Sturgeon on 06 252 5348 or to any ABS office.

SYMBOLS AND OTHER USAGES

|        |   |
|--------|---|
| AHECC  | Australian Harmonised Export Commodity Classification |
| ASIC   | Australian Standard Industrial Classification         |
| SITC   | Standard International Trade Classification           |
| f.o.b. | free on board   |
| r      | figure or series revised since previous issue         |





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ISSN 1031-0290

RRP \$13.00