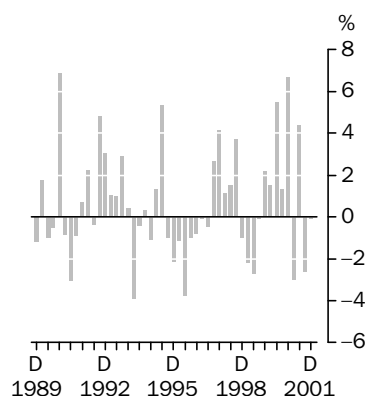


# INTERNATIONAL TRADE PRICE INDEXES

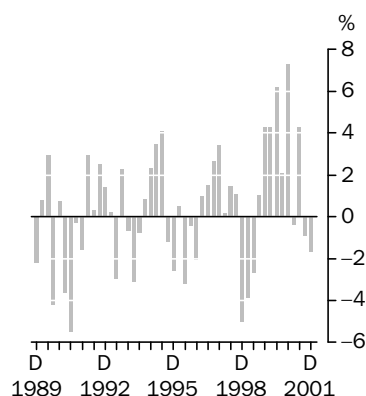
AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) FRI 18 JAN 2002

**Import price index: all groups**  
Quarterly % change



**Export price index: all groups**  
Quarterly % change



## KEY FIGURES

	% change Sep Qtr 2001 to Dec Qtr 2001	% change Dec Qtr 2000 to Dec Qtr 2001
<b>Import Price Index all groups</b>	<b>-0.1</b>	<b>-1.5</b>
Food and live animals	1.3	0.8
Beverages and tobacco	0.8	3.0
Crude materials	-2.3	-15.6
Mineral fuels, etc.	-13.2	-27.7
Animal and vegetable oils, etc.	2.2	-1.7
Chemicals and related products	1.3	5.5
Manufactured goods by material	1.5	2.3
Machinery and transport equipment	0.9	—
Miscellaneous manufactured articles	1.6	4.1
Commodities and transactions n.e.s.	1.8	7.4
<b>Export Price Index all groups</b>	<b>-1.7</b>	<b>1.2</b>
Food and live animals	2.8	12.2
Crude materials	-1.9	3.5
Mineral fuels, etc.	-4.5	-0.2
Chemicals and related products	-2.8	-5.7
Manufactured goods by material	-6.2	-13.6
Machinery and transport equipment	0.6	1.8
Miscellaneous manufactured articles	0.2	0.8

## KEY POINTS

### IMPORT PRICE INDEX

- A large fall in the price of crude oil was offset by small price rises in most other imported commodities for the December quarter, resulting in a -0.1% fall in the Import Price Index.

### EXPORT PRICE INDEX

- Price falls for crude oil and petroleum products, base metals and ores (mostly copper, aluminium and nickel) and wool were the major contributors to the -1.7% fall in the Export Price Index for the December quarter. Price rises for meat and live animals offset these decreases to some extent.

- For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Siddhartha De on Canberra 02 6252 6519.

## NOTES

### FORTHCOMING ISSUES

ISSUE (Quarter)

RELEASE DATE

March 2002

19 April 2002

June 2002

19 July 2002

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### IMPORTANT NOTE

All tables listed on page 3, including those which are not printed within this publication, are now available from the ABS website <[www.abs.gov.au](http://www.abs.gov.au)> for a small charge. To obtain these tables the catalogue number you need to access is 6457.0 and the required table numbers are those as listed on page 3. A concordance between table numbers from the former publications: *Export Price Index, Australia* (Cat. no. 6405.0) and *Import Price Index, Australia* (Cat. no. 6414.0) and this publication is also available from the *International Trade Price Indexes, Australia* (Cat. no. 6457.0) main features page on the ABS website <[www.abs.gov.au](http://www.abs.gov.au)>.

If you have any difficulty accessing data, please contact Stacey Lovell on 1800 155 106.

### RELATED STATISTICS

For more information about statistics in this publication and about other 'ABS data available on request', contact Siddhartha De on (02) 6252 6519, or email <[siddhartha.de@abs.gov.au](mailto:siddhartha.de@abs.gov.au)>.

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### ABBREVIATIONS

ABS	Australian Bureau of Statistics
ADP	Automatic Data Processing
BEC	Broad Economic Category
c.i.f.	cost, insurance and freight
f.o.b.	free on board
HTISC	Harmonised Tariff Item Statistical Classification
n.e.c.	not elsewhere classified
n.e.s.	not elsewhere specified
SITC	Standard International Trade Classification

Dennis Trewin  
Australian Statistician

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## IMPORT PRICE INDEX(a): Index numbers &amp; percentage changes

<i>Period</i>	<i>Index numbers</i>	<i>% change from previous period</i>	<i>% change from corresponding quarter of previous year</i>
<b>1997-98</b>	115.4	6.3	..
<b>1998-99</b>	119.9	3.9	..
<b>1999-2000</b>	120.2	0.3	..
<b>2000-01</b>	134.3	11.7	..
<b>1997</b>			
March	108.4	-0.1	-5.6
June	107.9	-0.5	-2.4
September	110.8	2.7	1.3
December	115.4	4.2	6.4
<b>1998</b>			
March	116.7	1.1	7.7
June	118.5	1.5	9.8
September	122.9	3.7	10.9
December	121.7	-1.0	5.5
<b>1999</b>			
March	119.1	-2.1	2.1
June	115.9	-2.7	-2.2
September	115.8	-0.1	-5.8
December	118.3	2.2	-2.8
<b>2000</b>			
March	120.1	1.5	0.8
June	126.7	5.5	9.3
September	128.4	1.3	10.9
December	137.0	6.7	15.8
<b>2001</b>			
March	132.9	-3.0	10.7
June	138.7	4.4	9.5
September	135.1	-2.6	5.2
December	134.9	-0.1	-1.5

.. not applicable

(a) Reference base of each index: 1989-90 = 100.0.

## IMPORT PRICE INDEX(a): SITC contribution to all groups index

Category		Sep Qtr 2001	Dec Qtr 2001	Change
ALL GROUPS				
All groups		135.1	134.9	-0.2
SITC SECTIONS—Contribution to All Groups (index points)				
0	Food and live animals	4.91	4.98	0.07
1	Beverages and tobacco	1.07	1.08	0.01
2	Crude materials	2.03	1.99	-0.04
3	Mineral fuels, etc.	11.70	10.14	-1.56
4	Animal and vegetable oils, etc.	0.33	0.33	—
5	Chemicals and related products	16.74	16.96	0.22
6	Manufactured goods by material	16.15	16.40	0.25
7	Machinery and transport equipment	61.63	62.20	0.57
8	Miscellaneous manufactured articles	19.90	20.21	0.31
9	Commodities and transactions n.e.s.	0.61	0.62	0.01
SELECTED SITC DIVISIONS—Contribution to All Groups (index points)				
03	Fish, crustaceans and molluscs and preparations thereof	1.27	1.27	—
24	Cork and wood	0.77	0.76	-0.01
33	Petroleum, petroleum products and related materials	11.70	10.14	-1.56
51	Organic chemicals	3.31	3.29	-0.02
52	Inorganic chemicals	1.44	1.51	0.07
59	Chemical materials and products n.e.s.	1.60	1.62	0.02
64	Paper, paperboard and articles made of paper	2.82	2.88	0.06
65	Textile yarn, fabrics and related products	2.93	2.96	0.03
69	Manufactures of metals n.e.s.	3.18	3.21	0.03
71	Power generating machinery and equipment	3.14	3.18	0.04
72	Machinery specialised for particular industries	4.60	4.75	0.15
74	General industrial machinery, equipment and parts	6.74	6.90	0.16
75	Office machines and ADP machines	8.69	8.57	-0.12
76	Telecommunications and sound recording equipment	9.20	9.26	0.06
77	Electrical machinery, etc. and parts thereof	7.67	7.70	0.03
78	Road vehicles	17.36	17.53	0.17
79	Other transport equipment	4.23	4.31	0.08
87	Professional, scientific and controlling instruments and apparatus n.e.s.	3.23	3.29	0.06
89	Miscellaneous manufactured articles n.e.s.	7.56	7.64	0.08

— nil or rounded to zero (including null cells)

(a) Reference base of each index: 1989-90 = 100.0.

## IMPORT PRICE INDEX(a): SITC section

<i>Period</i>	<i>Food and live animals chiefly for food (0)</i>	<i>Beverages and tobacco (1)</i>	<i>Crude materials, inedible, except fuels (2)</i>	<i>Mineral fuels, lubricants and other related materials (3)</i>	<i>Animal and vegetable oils, fats and waxes (4)</i>	<i>Chemicals and related products n.e.s. (5)</i>	<i>Manufactured goods classified chiefly by material (6)</i>	<i>Machinery and transport equipment (7)</i>	<i>Miscellaneous manufactured articles (8)</i>	<i>Commodities and transactions n.e.c. (9)</i>
<b>1997-98</b>	129.0	126.0	119.1	93.4	156.4	112.9	116.7	115.5	120.3	90.5
<b>1998-99</b>	125.1	130.5	119.8	84.9	178.2	114.2	122.6	121.9	127.9	91.9
<b>1999-2000</b>	116.9	127.0	124.9	135.4	138.5	111.0	120.2	119.4	126.1	89.8
<b>2000-01</b>	121.4	128.5	139.9	188.0	122.6	128.1	131.3	129.7	140.0	99.6
<b>1997</b>										
March	112.3	115.7	110.0	103.9	155.6	107.1	109.5	107.9	110.9	90.9
June	115.8	119.2	110.4	95.3	145.4	106.3	109.3	107.6	111.4	89.6
September	125.4	122.0	114.7	94.2	141.7	108.3	111.9	110.8	114.3	87.6
December	129.4	125.0	118.4	104.3	151.8	112.0	116.1	114.9	119.8	89.0
<b>1998</b>										
March	129.8	127.4	120.9	88.4	154.8	113.7	118.3	117.6	122.3	89.3
June	131.5	129.6	122.5	86.5	177.1	117.7	120.3	118.8	124.9	96.1
September	130.6	132.0	127.6	86.1	180.6	120.8	125.6	123.7	130.9	97.1
December	126.3	130.3	119.3	85.1	185.8	116.4	124.9	123.9	129.1	94.9
<b>1999</b>										
March	123.1	130.0	117.2	75.4	179.7	112.2	122.2	122.4	127.5	91.2
June	120.5	129.8	114.9	93.0	166.5	107.4	117.6	117.6	123.9	84.2
September	116.6	126.3	115.8	111.3	148.9	105.7	117.2	116.5	122.9	79.9
December	116.0	126.6	120.2	128.4	147.9	106.6	118.4	118.6	123.9	92.1
<b>2000</b>										
March	116.3	127.7	127.0	143.7	126.8	111.4	119.7	118.4	125.5	92.2
June	118.7	127.5	136.6	158.3	130.3	120.3	125.4	124.2	132.0	95.0
September	117.8	125.1	140.5	184.2	126.6	120.5	125.1	123.8	133.5	96.5
December	121.9	129.2	147.8	216.5	126.1	125.9	132.8	131.3	140.6	101.5
<b>2001</b>										
March	121.4	128.7	137.8	167.5	117.5	128.7	131.3	129.6	139.8	99.4
June	124.3	131.0	133.3	183.9	120.1	137.1	136.1	134.0	146.2	101.1
September	121.3	132.1	127.6	180.4	121.2	131.1	133.8	130.1	144.1	107.1
December	122.9	133.1	124.7	156.5	123.9	132.8	135.8	131.3	146.4	109.0

(a) Reference base of each index: 1989-90 = 100.0.

IMPORT PRICE INDEX(a): **Consumption goods**

BEC END USE CLASS &amp; BROAD BALANCE OF PAYMENTS CATEGORIES . . . . .

<i>Period</i>	<b>Consumption goods total</b>	<i>Food and beverages mainly for consumption</i>	<i>Household electrical items</i>	<i>Non- industrial transport equipment</i>	<i>Textiles, clothing and footwear</i>	<i>Toys, books and leisure goods</i>	<i>Consumption goods n.e.s.</i>
<b>1997-98</b>	<b>123.2</b>	125.9	107.0	145.2	109.5	125.1	118.1
<b>1998-99</b>	<b>129.3</b>	126.8	111.5	151.6	117.6	137.3	124.4
<b>1999-2000</b>	<b>126.9</b>	122.0	109.9	152.9	117.1	136.8	120.4
<b>2000-01</b>	<b>137.3</b>	128.0	119.3	162.3	133.1	142.9	132.1
<b>1997</b>							
March	<b>114.9</b>	114.9	98.8	140.4	99.1	113.9	111.0
June	<b>114.9</b>	116.5	98.3	138.8	100.2	114.5	110.6
September	<b>117.9</b>	120.3	101.7	142.7	103.7	118.3	112.6
December	<b>122.7</b>	125.5	106.4	145.4	108.6	123.1	118.0
<b>1998</b>							
March	<b>124.7</b>	127.5	109.6	144.9	111.2	128.1	119.6
June	<b>127.3</b>	130.1	110.2	147.8	114.3	131.0	122.1
September	<b>131.7</b>	130.5	114.0	151.0	118.8	138.9	127.9
December	<b>130.9</b>	127.4	112.3	153.9	118.4	138.0	126.6
<b>1999</b>							
March	<b>128.8</b>	125.2	111.5	152.0	118.8	137.4	123.3
June	<b>125.8</b>	124.1	108.0	149.5	114.5	134.8	119.6
September	<b>124.5</b>	121.0	107.5	149.4	113.8	134.3	118.1
December	<b>125.9</b>	121.5	108.8	153.2	116.2	137.2	118.1
<b>2000</b>							
March	<b>126.2</b>	121.0	109.1	153.6	114.4	135.9	119.6
June	<b>131.1</b>	124.6	114.0	155.2	124.0	139.9	125.7
September	<b>132.0</b>	123.7	115.0	156.3	124.9	138.6	127.5
December	<b>137.7</b>	127.8	121.0	160.7	133.7	144.4	132.5
<b>2001</b>							
March	<b>137.1</b>	128.9	119.7	162.0	132.9	143.1	131.4
June	<b>142.4</b>	131.4	121.5	170.3	140.8	145.5	137.1
September	<b>139.8</b>	128.8	119.6	170.6	137.8	144.1	133.8
December	<b>141.7</b>	130.7	120.1	172.7	140.1	147.8	135.4

(a) Reference base of each index: 1989-90 = 100.0.

## IMPORT PRICE INDEX(a): Capital goods

## BEC END USE &amp; BROAD BALANCE OF PAYMENTS CATEGORIES

<i>Period</i>	<b>Capital goods total</b>	<i>Machinery and industrial equipment</i>	<i>ADP equipment</i>	<i>Telecommuni- cations equipment</i>	<i>Civil aircraft</i>	<i>Industrial transport equipment n.e.s.</i>	<i>Capital goods n.e.s.</i>
<b>1997-98</b>	<b>113.7</b>	129.3	63.1	74.5	121.9	153.3	128.0
<b>1998-99</b>	<b>119.4</b>	140.8	58.2	71.5	133.5	161.7	135.3
<b>1999-2000</b>	<b>116.9</b>	138.3	50.3	67.0	132.3	163.6	137.3
<b>2000-01</b>	<b>126.9</b>	152.8	51.7	68.1	161.8	173.6	151.9
<b>1997</b>							
March	<b>107.0</b>	117.2	63.2	76.6	109.8	146.1	119.9
June	<b>106.7</b>	118.9	61.5	74.1	110.1	144.7	119.9
September	<b>109.3</b>	122.5	61.8	74.3	113.1	150.5	122.4
December	<b>113.2</b>	128.8	63.1	74.3	120.1	152.5	128.8
<b>1998</b>							
March	<b>115.6</b>	132.2	63.5	75.1	125.2	155.3	129.1
June	<b>116.7</b>	133.8	64.1	74.3	129.1	155.0	131.7
September	<b>121.3</b>	142.1	63.8	72.8	137.0	159.0	138.5
December	<b>121.3</b>	143.0	59.8	70.5	135.2	165.4	136.1
<b>1999</b>							
March	<b>119.9</b>	142.4	56.2	70.9	132.9	165.2	134.4
June	<b>115.2</b>	135.7	52.8	71.7	128.8	157.3	132.0
September	<b>114.2</b>	133.7	51.4	70.0	127.6	157.7	134.3
December	<b>115.8</b>	136.5	50.3	65.2	128.8	165.4	133.7
<b>2000</b>							
March	<b>115.7</b>	137.1	48.5	64.9	130.4	163.3	137.0
June	<b>122.0</b>	145.8	50.9	67.8	142.3	167.8	144.3
September	<b>121.3</b>	145.0	49.9	67.0	145.8	167.4	143.8
December	<b>128.4</b>	154.5	53.2	68.6	162.8	174.9	152.9
<b>2001</b>							
March	<b>126.8</b>	152.8	51.7	67.9	162.7	172.6	151.7
June	<b>131.2</b>	158.7	52.1	68.9	175.7	179.4	159.0
September	<b>127.4</b>	156.2	46.2	67.6	174.7	179.3	155.3
December	<b>129.0</b>	160.9	45.7	68.0	178.0	181.6	158.0

(a) Reference base of each index: 1989-90 = 100.0.

## IMPORT PRICE INDEX(a): Intermediate &amp; other merchandise goods

BEC END USE CLASS &amp; BROAD BALANCE OF PAYMENTS CATEGORIES . . . . .

<i>Period</i>	<i>Intermediate and other merchandise goods total</i>	<i>Intermediate and other merchandise goods total excluding non-monetary gold</i>	<i>Food and beverages, mainly for industry</i>	<i>Primary industrial supplies n.e.s.</i>	<i>Fuels and lubricants</i>	<i>Parts for transport equipment</i>	<i>Parts for ADP equipment</i>	<i>Other parts for capital goods</i>
<b>1997-98</b>	<b>109.1</b>	109.4	179.1	122.4	102.0	123.4	60.4	116.4
<b>1998-99</b>	<b>111.1</b>	111.4	161.0	125.3	91.2	134.7	51.0	122.2
<b>1999-2000</b>	<b>113.4</b>	113.7	123.8	114.4	156.3	135.7	41.7	115.7
<b>2000-01</b>	<b>130.8</b>	131.2	105.5	127.8	219.2	149.1	43.0	127.4
<b>1997</b>								
March	<b>102.6</b>	102.8	127.8	111.5	116.3	114.5	54.0	107.4
June	<b>101.9</b>	102.1	143.8	113.3	105.5	114.5	54.8	106.6
September	<b>104.9</b>	105.2	184.8	118.1	103.5	118.5	58.2	109.1
December	<b>109.4</b>	109.7	182.3	122.6	115.7	122.4	61.1	115.5
<b>1998</b>								
March	<b>110.1</b>	110.4	173.8	125.9	95.8	125.3	63.4	118.9
June	<b>111.8</b>	112.1	175.4	123.1	93.0	127.5	58.9	122.0
September	<b>115.2</b>	115.5	168.8	132.3	91.9	134.0	56.5	127.7
December	<b>112.9</b>	113.2	169.5	125.8	90.9	136.5	53.3	125.7
<b>1999</b>								
March	<b>109.4</b>	109.7	160.1	123.1	79.9	136.4	48.9	121.9
June	<b>106.9</b>	107.2	145.4	119.8	102.2	131.8	45.2	113.5
September	<b>107.5</b>	107.9	132.0	116.3	125.9	131.3	43.2	111.9
December	<b>110.7</b>	111.0	122.7	110.5	148.1	134.7	41.9	114.2
<b>2000</b>								
March	<b>114.0</b>	114.4	123.3	111.0	166.3	135.5	39.5	115.0
June	<b>121.2</b>	121.6	117.3	119.7	184.7	141.2	42.3	121.6
September	<b>124.9</b>	125.3	112.2	120.5	214.9	141.2	41.5	120.8
December	<b>135.6</b>	136.1	113.4	128.2	253.4	151.3	44.2	129.2
<b>2001</b>								
March	<b>128.1</b>	128.4	95.6	128.6	194.6	148.8	43.0	127.6
June	<b>134.7</b>	135.1	100.6	133.7	213.7	154.9	43.4	132.0
September	<b>130.9</b>	131.2	102.4	130.2	209.9	154.6	38.0	125.0
December	<b>128.3</b>	128.5	100.0	122.2	181.0	155.3	37.5	126.0

(a) Reference base of each index: 1989-90 = 100.0.

IMPORT PRICE INDEX(a): Intermediate & other merchandise goods *continued*BEC END USE CLASS & BROAD BALANCE OF PAYMENTS CATEGORIES *cont.* . . . . .

<i>Period</i>	<i>Organic and inorganic chemicals</i>	<i>Paper and paperboard</i>	<i>Textile yarn and fabrics</i>	<i>Iron and steel</i>	<i>Plastics</i>	<i>Processed industrial supplies n.e.s.</i>	<i>Non- monetary gold</i>
<b>1997-98</b>	107.8	101.3	112.3	105.0	116.9	118.7	90.6
<b>1998-99</b>	109.4	109.5	116.0	107.2	115.2	124.5	92.0
<b>1999-2000</b>	107.1	107.7	111.5	105.9	114.6	124.5	89.9
<b>2000-01</b>	124.6	121.4	125.6	116.0	136.6	136.7	99.8
<b>1997</b>							
March	101.3	95.2	103.0	100.2	108.8	111.0	91.0
June	100.1	94.5	103.0	99.0	110.0	111.2	89.7
September	103.4	96.1	107.0	101.7	110.3	114.4	87.7
December	106.1	100.2	112.0	105.2	114.1	118.3	89.1
<b>1998</b>							
March	108.5	103.4	115.0	105.7	119.2	119.7	89.4
June	113.2	105.4	115.0	107.2	123.9	122.5	96.2
September	116.4	111.1	120.0	110.3	123.0	128.4	97.2
December	111.4	109.4	118.0	110.0	115.8	126.3	95.0
<b>1999</b>							
March	106.5	109.7	116.0	106.0	115.1	123.7	91.3
June	103.4	107.7	110.0	102.6	106.9	119.7	84.3
September	100.6	107.2	108.0	101.9	106.1	120.6	80.0
December	102.5	106.0	109.0	102.7	110.8	123.0	92.1
<b>2000</b>							
March	108.2	105.9	111.0	106.1	115.8	125.0	92.3
June	116.9	111.6	118.0	112.9	125.7	129.3	95.1
September	116.8	116.9	113.0	111.7	129.0	130.4	96.6
December	121.9	121.3	130.0	118.3	138.1	137.5	101.6
<b>2001</b>							
March	124.6	121.2	127.0	115.7	136.5	137.9	99.5
June	135.2	126.1	132.3	118.3	142.6	141.0	101.3
September	128.6	122.3	128.2	112.9	140.0	139.5	107.2
December	130.4	125.0	129.2	114.3	140.5	141.7	109.1

(a) Reference base of each index: 1989-90 = 100.0.

## EXPORT PRICE INDEX(a): All groups index numbers &amp; percentage changes

<i>Period</i>	<i>Index numbers</i>	<i>% change from previous period</i>	<i>% change from corresponding quarter of previous year</i>
<b>1997-98</b>	98.9	7.0	..
<b>1998-99</b>	95.7	-3.2	..
<b>1999-2000</b>	98.0	2.4	..
<b>2000-01</b>	114.8	17.1	..
<b>1997</b>			
March	92.0	1.0	-4.7
June	93.4	1.5	—
September	95.9	2.7	3.1
December	99.2	3.4	8.9
<b>1998</b>			
March	99.4	0.2	8.0
June	100.9	1.5	8.0
September	102.0	1.1	6.4
December	96.9	-5.0	-2.3
<b>1999</b>			
March	93.1	-3.9	-6.3
June	90.6	-2.7	-10.2
September	91.5	1.0	-10.3
December	95.4	4.3	-1.5
<b>2000</b>			
March	99.5	4.3	6.9
June	105.7	6.2	16.7
September	107.9	2.1	17.9
December	115.8	7.3	21.4
<b>2001</b>			
March	115.3	-0.4	15.9
June	120.3	4.3	13.8
September	119.2	-0.9	10.5
December	117.2	-1.7	1.2

.. not applicable

— nil or rounded to zero (including null cells)

(a) Reference base of each index: 1989-90 = 100.0.

## EXPORT PRICE INDEX(a): SITC contribution to all groups index

Category		Sep Qtr 2001	Dec Qtr 2001	Change
ALL GROUPS				
All groups		119.2	117.2	-2.0
SELECTED SITC SECTIONS—Contribution to All Groups (index points)				
0	Food and live animals	23.06	23.70	0.64
1	Beverages and tobacco	2.05	2.03	-0.02
2	Crude materials	20.79	20.38	-0.41
3	Mineral fuels, etc.	25.75	24.61	-1.14
5	Chemicals and related products	9.36	9.10	-0.26
6	Manufactured goods by material	14.18	13.29	-0.89
7	Machinery and transport equipment	13.54	13.62	0.08
8	Miscellaneous manufactured articles	3.43	3.44	0.01
SELECTED SITC DIVISIONS—Contribution to All Groups (index points)				
00	Live animals	1.11	1.24	0.13
01	Meat and meat preparations	6.31	6.75	0.44
02	Dairy products and eggs	3.38	3.46	0.08
03	Fish, crustaceans and molluscs and preparations thereof	1.68	1.62	-0.06
04	Cereals and cereal preparations	6.69	6.79	0.10
05	Vegetables and fruit	1.65	1.66	0.01
11	Beverages	2.05	2.03	-0.02
21	Hides, skins and furskins, raw	0.88	0.83	-0.05
26	Textiles	6.87	6.55	-0.32
28	Metalliferous ores and metal scrap	9.81	9.67	-0.14
32	Coal, coke and briquettes	12.41	12.55	0.14
33	Petroleum, petroleum products and related materials	9.69	8.17	-1.52
52	Inorganic chemicals	5.03	4.81	-0.22
54	Medical and pharmaceutical products	1.94	1.94	—
61	Leather, leather manufactures, n.e.s.	0.58	0.59	0.01
67	Iron and steel	2.32	2.34	0.02
68	Non-ferrous metals	9.61	8.81	-0.80
71-75	Power generating machinery and equipment	4.88	4.92	0.04
76-77	Telecommunications and electrical machinery n.e.s.	3.37	3.37	—
78	Road vehicles	3.85	3.86	0.01
79	Other transport equipment	1.45	1.47	0.02
89	Miscellaneous manufactured articles n.e.s.	0.57	0.57	—

— nil or rounded to zero (including null cells)

(a) Reference base of each index: 1989-90 = 100.0.

## EXPORT PRICE INDEX(a): Selected SITC section

<i>Period</i>	<i>Food and live animals (0)</i>	<i>Beverages and tobacco (1)</i>	<i>Crude materials (2)</i>	<i>Mineral fuels (3)</i>	<i>Chemicals and related products (5)</i>	<i>Manufactured goods by material (6)</i>	<i>Machinery and transport equipment (7)</i>	<i>Miscellaneous manufactured articles (8)</i>
<b>1997-98</b>	99.6	120.2	90.3	121.8	96.0	93.7	95.9	108.2
<b>1998-99</b>	96.6	128.3	84.0	119.7	96.2	86.8	97.7	111.7
<b>1999-2000</b>	95.7	131.5	82.6	127.1	102.5	101.0	98.8	112.5
<b>2000-01</b>	109.6	137.8	95.7	162.7	119.9	116.7	104.1	118.4
<b>1997</b>								
March	93.5	113.3	81.8	112.3	86.8	88.3	92.0	103.4
June	94.5	113.8	84.5	112.7	88.5	90.6	92.6	102.9
September	95.2	115.1	89.1	115.1	90.0	95.1	93.5	104.5
December	99.5	119.6	90.3	123.1	95.0	96.2	96.0	108.5
<b>1998</b>								
March	101.4	121.4	90.2	123.4	98.2	92.3	96.5	109.1
June	102.1	124.5	91.4	125.6	100.7	91.2	97.6	110.7
September	102.8	128.4	90.9	128.6	101.0	93.9	99.4	114.1
December	96.9	128.0	84.4	123.8	99.4	87.2	97.7	109.6
<b>1999</b>								
March	95.3	129.2	81.7	113.8	93.8	82.3	97.7	112.7
June	91.3	127.7	79.1	112.5	90.4	83.7	96.1	110.2
September	91.5	129.4	79.2	114.5	93.5	88.6	96.3	110.0
December	94.8	130.8	81.2	121.2	97.2	95.7	98.2	111.5
<b>2000</b>								
March	95.9	131.1	81.8	131.9	105.3	106.6	98.6	112.0
June	100.7	134.7	88.3	140.8	114.1	113.0	102.2	116.6
September	101.4	135.0	89.2	148.3	114.8	111.6	100.8	113.1
December	108.3	137.4	94.7	166.7	122.1	119.5	105.1	120.3
<b>2001</b>								
March	111.3	138.8	96.3	161.1	120.9	116.8	104.7	119.2
June	117.5	140.1	102.4	174.8	121.7	118.8	105.8	121.1
September	118.2	142.8	99.9	174.1	118.4	110.0	106.4	121.0
December	121.5	141.4	98.0	166.3	115.1	103.2	107.0	121.3

(a) Reference base of each index: 1989-90 = 100.0.

## EXPORT PRICE INDEX(a): Rural goods

## BALANCE OF PAYMENTS GROUPS . . . . .

<i>Period</i>	<b>Rural goods total</b>	<i>Meat and meat preparations</i>	<i>Cereal grains and cereal preparations</i>	<i>Wool and sheepskins</i>	<i>Other rural</i>
<b>1997-98</b>	<b>91.3</b>	85.5	95.3	72.3	117.7
<b>1998-99</b>	<b>83.9</b>	89.5	88.8	54.3	116.7
<b>1999-2000</b>	<b>83.8</b>	99.2	82.5	54.6	114.9
<b>2000-01</b>	<b>98.7</b>	115.4	98.6	66.4	133.2
<b>1997</b>					
March	<b>84.8</b>	77.8	92.4	63.3	112.5
June	<b>87.1</b>	80.4	92.3	68.6	112.4
September	<b>89.5</b>	80.2	91.4	75.5	113.2
December	<b>91.9</b>	83.7	94.2	74.1	119.5
<b>1998</b>					
March	<b>92.3</b>	89.8	96.3	72.2	117.9
June	<b>91.5</b>	88.1	99.4	67.4	120.1
September	<b>90.3</b>	91.1	99.0	61.7	121.8
December	<b>83.7</b>	89.2	88.0	52.6	119.3
<b>1999</b>					
March	<b>81.4</b>	88.8	86.0	50.5	115.3
June	<b>80.0</b>	89.0	82.1	52.2	110.3
September	<b>80.4</b>	95.0	79.2	52.8	110.0
December	<b>82.6</b>	95.7	82.7	54.2	112.8
<b>2000</b>					
March	<b>82.8</b>	98.4	81.8	52.4	115.3
June	<b>89.3</b>	107.7	86.4	59.1	121.4
September	<b>91.5</b>	104.8	90.3	61.7	124.8
December	<b>96.9</b>	110.4	97.5	62.6	133.3
<b>2001</b>					
March	<b>100.3</b>	115.9	100.9	67.0	135.7
June	<b>106.2</b>	130.6	105.6	74.1	138.8
September	<b>107.2</b>	129.0	105.1	72.4	143.9
December	<b>108.4</b>	137.9	106.6	66.8	146.0

(a) Reference base of each index: 1989-90 = 100.0.

## EXPORT PRICE INDEX(a): Non-rural goods

## BALANCE OF PAYMENTS GROUPS

<i>Period</i>	<i>Non-rural goods total (excluding non- monetary gold)</i>	<i>Metal ores and minerals</i>	<i>Coal, coke and briquettes</i>	<i>Other minerals</i>	<i>Metals (excluding non- monetary gold)</i>	<i>Machinery</i>	<i>Transport equipment</i>	<i>Other manufactures</i>	<i>Other non- rural</i>	<i>Non- monetary gold</i>
<b>1997-98</b>	<b>104.4</b>	100.3	116.8	133.3	94.1	89.1	109.9	98.5	104.3	90.7
<b>1998-99</b>	<b>103.1</b>	103.5	116.3	127.5	85.6	90.4	112.8	102.6	95.8	92.8
<b>1999-2000</b>	<b>107.5</b>	102.2	102.1	186.1	99.3	91.0	113.1	107.9	84.0	91.1
<b>2000-01</b>	<b>126.2</b>	119.5	117.3	267.1	113.9	94.3	126.9	125.0	88.4	101.2
<b>1997</b>										
March	<b>96.6</b>	90.8	102.9	134.6	88.2	86.7	102.9	94.3	93.2	90.9
June	<b>97.8</b>	92.4	104.2	132.5	90.8	87.0	104.1	93.8	92.8	89.7
September	<b>100.7</b>	95.2	108.0	131.7	96.0	87.6	105.7	95.0	97.9	87.8
December	<b>104.9</b>	98.6	116.9	137.5	96.8	89.8	108.9	99.1	103.9	89.1
<b>1998</b>										
March	<b>104.9</b>	101.1	119.2	132.9	92.7	89.4	111.2	98.4	106.6	89.6
June	<b>107.1</b>	106.2	123.2	130.9	91.0	89.7	113.7	101.3	108.8	96.3
September	<b>109.6</b>	109.6	128.7	128.1	93.3	90.9	116.9	104.7	103.6	97.7
December	<b>105.1</b>	106.2	122.3	127.1	86.1	90.4	112.7	101.7	97.4	95.8
<b>1999</b>										
March	<b>100.2</b>	101.8	110.8	120.7	80.6	91.0	111.5	102.8	97.3	92.4
June	<b>97.6</b>	96.2	103.3	133.9	82.3	89.4	110.1	101.2	84.9	85.2
September	<b>99.5</b>	97.1	99.4	150.1	87.3	89.4	110.4	102.1	83.7	80.8
December	<b>103.4</b>	98.9	100.5	169.8	94.1	90.5	111.4	103.7	84.8	93.2
<b>2000</b>										
March	<b>110.3</b>	103.6	102.4	201.5	105.5	90.8	112.3	106.4	85.3	94.0
June	<b>116.6</b>	109.3	106.0	222.8	110.3	93.2	118.3	119.5	82.0	96.4
September	<b>118.9</b>	112.3	106.9	243.3	109.1	92.3	120.8	120.2	83.8	97.9
December	<b>128.5</b>	121.2	115.6	281.8	116.9	95.3	127.9	126.7	88.4	103.1
<b>2001</b>										
March	<b>126.2</b>	120.0	115.3	265.8	114.0	94.8	127.6	125.3	89.0	100.9
June	<b>131.3</b>	124.4	131.2	277.5	115.7	94.8	131.2	127.6	92.4	102.8
September	<b>128.3</b>	120.3	138.7	262.0	106.7	95.1	132.5	125.5	89.6	108.8
December	<b>124.5</b>	117.5	140.4	236.7	99.7	95.6	133.1	123.8	87.3	110.7

(a) Reference base of each index: 1989-90 = 100.0.

## EXPLANATORY NOTES

### INTRODUCTION

**1** This publication contains indexes measuring changes in the prices of imports of merchandise that are landed in Australia each quarter—the import price index (tables 1–6), and exports of merchandise that are shipped from Australia each quarter—the export price index (tables 7–11).

**2** The indexes are calculated on the reference base 1989–90=100.0.

### SCOPE

**3** The import price index excludes the following items (representing approximately 5% of the value of merchandise imported during the weighting period) because of the inherent difficulties in pricing the items to constant quality (see paragraph 15 below):

- live animals (not for food)
- jewellery and other articles of precious metal n.e.s.
- military equipment
- commodities not classified according to kind
- works of art, collectors' pieces, antiques
- ships of various types.

**4** The export price index includes re-exports of merchandise (i.e. goods which are imported into Australia and exported at a later date without physical transformation).

### CLASSIFICATIONS

**5** Index numbers for selected sections of the Standard International Trade Classification (SITC) are provided in table 3 (import price index) and table 9 (export price index).

**6** The import price index is also presented by End Use Class of the United Nations' Classification by Broad Economic Categories (BEC) in tables 4–6. These have been disaggregated into balance of payments groupings.

**7** The export price index is also presented by balance of payments export groupings in tables 10 and 11.

### ITEMS AND WEIGHTS

**8** The import price index and export price index are annually reweighted chained Laspeyres indexes. This method of weighting was introduced in the September quarter 2000 and replaces the "fixed-base" method of weighting in which the weighting patterns are updated infrequently (generally once every 5 or 10 years).

**9** The annual reweighting and chaining process involves a number of steps in order to provide new weights each year. The current weighting basis for the import price index was derived from the average value of import items during 2000–01. This differs slightly from the export price index which has used the average value of export items during 1999–00 and 2000–01, due to the greater volatility associated with the value of export items. These weights were revalued to reflect link period (June quarter 2001) price levels. Indexes derived by using the new weights for the September quarter 2001 were then linked to the already published June quarter 2001 (link period) levels which were derived using the previous series weights. Using this chain linking methodology, long-term chain linked series can be constructed over time on a consistent reference base for continuity and user convenience, but using annually refreshed weights. The reference base for each index series continues to be 1989–90=100 even though the weights are being updated each year. The current series weighting patterns (in link period prices) are available on request.

**10** The commodities directly represented in each index (the index items) were selected on the basis of the significance of their import and export values in the period 1999–00 for imports and 1998–99 & 1999–00 for exports. All

## EXPLANATORY NOTES *continued*

### ITEMS AND WEIGHTS *continued*

significant commodities were selected for pricing. The weights for minor commodities which are not directly priced are included with those of comparable directly priced items whose prices are likely to move in a similar way.

### PRICE MEASUREMENT

**11** In general, prices of individual shipments are obtained from major importers and exporters of the selected items and relate to the quarter in which the imported goods physically arrive in Australia and the exported goods physically leave Australia.

**12** Imports are priced on a 'free on board' (f.o.b), country of origin basis. Therefore freight and insurance charges involved in shipping goods from foreign to Australian ports are excluded from the prices used in the index, as are Australian import duties and taxes. Similarly, exports are priced on a f.o.b basis at the main Australian ports of export. Exports are exempt from taxes on products.

**13** As the prices used in the indexes 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 bought and sold in currencies other than Australian dollars. Prices reported in a foreign currency are converted to Australian dollars using relevant exchange rates. Where imports or exports are transacted in prices expressed in terms of a foreign currency and forward exchange cover is used, the prices in the indexes exclude the forward exchange cover.

**14** The main pricing methodology used is specification pricing, under which a manageable sample of precisely specified products is selected, in consultation with each reporting business, for repeat pricing. In specifying the products, care is taken to ensure that they are fully defined in terms of all the characteristics which influence their transaction prices. As such, all the relevant technical characteristics need to be described (e.g. make, model, features) along with the unit of sale, type of packaging, conditions of sale (e.g. delivered, payment within 30 days), etc. The goods are also specified by country and market in order to lessen the impact of price variations attributable solely to changes over time in the mix of countries, or markets.

**15** When the quality or specifications of an item being priced change over time, adjustments are made to the reported prices so that the index captures only pure price change. That is, any element of price change attributable to a change in quality is removed. If there is an increase (decrease) in the quality of an item, then the price index is adjusted downwards (upwards) to reflect the 'worth' of the quality change. This technique is known as pricing to constant quality.

**16** Wherever possible, prices from volume selling products being traded with predominant countries, or markets, are obtained to ensure specifications have a good chance of being re-priced over time and index series are representative of overall price movements. Individual product weights and weights between markets and countries are regularly reviewed to keep the indexes up to date.

### INDEX NUMBERS

**17** Index numbers for financial years are simple averages of the relevant quarterly index numbers.

### ANALYSIS OF INDEX CHANGES

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

**19** Movements in indexes from one period to another can be expressed either as changes in 'index points' or as percentage changes. The following example

## EXPLANATORY NOTES *continued*

### ANALYSIS OF INDEX CHANGES *continued*

illustrates the method of calculating index points changes and percentage changes between any two periods:

Import price index, All groups index number:

December quarter 2001	134.9 (see table 1)
less December quarter 2000	137.0 (see table 1)
Change in index points	-2.1
Percentage change	$-2.1/137.0 \times 100 = -1.5$

**20** Tables 2 and 8 provide analyses of the contribution which SITC sections and divisions make to the All groups import price index and export price index, respectively. For example, mineral fuels, etc. contributed 10.14 index points to the All groups import price index number of 134.9 for December quarter 2001 and -1.56 index points to the net change of -0.2 index points between September and December quarters 2001.

### FURTHER INFORMATION

**21** Further information on recent price index developments in the ABS is presented in the following publications:

*An Analytical Framework for Price Indexes in Australia* (Cat.no.6421.0)  
*Producer Price Index Developments* (Cat.no.6422.0)  
*Review of the Import Price Index and Export Price Index, Australia* (Cat.no.6424.0)  
*Price Indexes and The New Tax System* (Cat.no.6425.0)

### RELATED PUBLICATIONS

**22** Users may also wish to refer to the following related publications, which are available from ABS bookshops:

*Producer Price Indexes, Australia* (Cat.no.6427.0)  
*Consumer Price Index, Australia* (Cat.no.6401.0)  
*Wage Cost Index, Australia* (Cat.no.6345.0)  
*Australian National Accounts, Input-Output Tables* (Cat.no.5209.0)  
*Balance of Payments and International Investment Position, Australia* (Cat.no.5302.0)

**23** Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (Cat no.1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (Cat no.1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

### ABS DATA AVAILABLE ON REQUEST

**24** As well as the statistics included in this and related publications, the ABS has other international trade price index series (many at detailed commodity levels) which are available on request. Inquiries should be made to Siddhartha De on 02 6252 6519.



<i>INTERNET</i>	<b>www.abs.gov.au</b> the ABS web site is the best place to start for access to summary data from our latest publications, information about the ABS, advice about upcoming releases, our catalogue, and Australia Now—a statistical profile.
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<i>CPI INFOLINE</i>	For current and historical Consumer Price Index data, call 1902 981 074 (call cost 75c per minute).
<i>DIAL-A-STATISTIC</i>	For the latest figures for National Accounts, Balance of Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400 (call cost 75c per minute).

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