

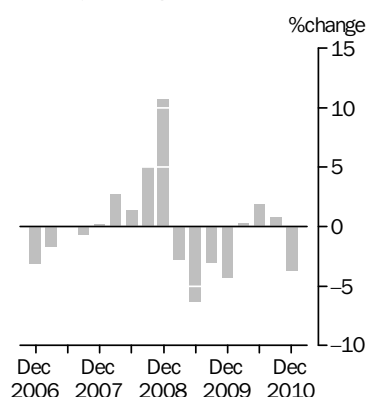
# INTERNATIONAL TRADE PRICE INDEXES

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) FRI 21 JAN 2011

## IMPORT PRICE INDEX: all groups

Quarterly % change



## NOTES

### FORTHCOMING ISSUES

#### ISSUE (Quarter)

#### RELEASE DATE

March 2011	20 April 2011
June 2011	22 July 2011
September 2011	21 October 2011
December 2011	20 January 2012

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### IMPACT OF THE FLOODS

Flooding in Queensland began in late December 2010. It is expected that the first significant economic impact of this and floods in other states will be reflected in the March quarter 2011 release of this publication.

Price collection for the December quarter 2010 was not affected by the floods.

### ROUNDING

Any discrepancies between totals and sums of components are due to rounding.

### DATA REFERENCES

Data referenced in the Key Points and Commentary are available from the tables shown in this publication, or in the corresponding tables of this publication on the ABS website <<http://www.abs.gov.au>>.

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### ABBREVIATIONS

ABS	Australian Bureau of Statistics
ADP	automatic data processing
AHECC	Australian Harmonised Export Commodity Classification
ANZSIC	Australian and New Zealand Standard Industrial Classification
BEC	Classification by Broad Economic Categories
f.o.b.	free on board
HTISC	Harmonized Tariff Item Statistical Classification
IPD	implicit price deflator
n.e.c.	not elsewhere classified
n.e.s.	not elsewhere specified
SITC	Standard International Trade Classification

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## COMMENTARY

### IMPORT PRICE INDEX

The Import Price Index decreased by 3.8% in the December quarter 2010, primarily due to the appreciation of the Australian dollar against all major trading currencies. This decrease was driven mainly by falls in the prices paid for office machines and automatic data-processing machines (–8.4%), telecommunication and sound recording and reproducing apparatus and equipment (–6.1%), miscellaneous manufactured articles, n.e.s. (–7.2%) and general industrial machinery and equipment, n.e.s., and machine parts, n.e.s. (–5.1%). Partly offsetting these falls were rises in the prices paid for gold, non-monetary (excluding gold, ores and concentrates) (+2.1%).

Through the year to December quarter 2010, the Import Price Index decreased by 1.0%. This decrease was driven mainly by falls in the prices paid for telecommunications and sound-recording and reproducing apparatus and equipment (–9.7%), office machines and automatic data-processing machines (–9.2%), organic chemicals (–19.9%) and general industrial machinery and equipment, n.e.s., and machine parts, n.e.s. (–5.5%). Partly offsetting these through the year falls were rises in the prices paid for gold, non-monetary (excluding gold, ores and concentrates) (+15.6%), petroleum, petroleum products and related materials (+3.9%), medicinal and pharmaceutical products (+6.5%) and non-ferrous metals (+14.7%).

### EXPORT PRICE INDEX

The Export Price Index decreased by 8.1% in the December quarter 2010. This decrease was driven mainly by falls in the prices received for metalliferous ores and metal scrap (–14.0%), coal, coke and briquettes (–16.0%), gas, natural and manufactured (–13.1%) and iron and steel (–12.0%). These falls were partly offset by rises in the prices received for cereals and cereal preparations (+9.0%), non-ferrous metals (+3.5%), gold, non-monetary (excluding gold, ores and concentrates) (+2.0%) and sugars, sugar preparations and honey (+16.8%).

Through the year to December quarter 2010, the Export Price Index increased by 19.4%. This increase was driven mainly by rises in the prices received for metalliferous ores and metal scrap (+49.0%), coal, coke and briquettes (+20.7%), gold, non-monetary (excluding gold, ores and concentrates) (+14.6%) and gas, natural and manufactured (+16.2%). Partly offsetting these through the year rises were falls in the prices received for professional, scientific and controlling instruments and apparatus, n.e.s. (–15.1%), power-generating machinery and equipment (–3.6%), beverages (–4.5%) and road vehicles (including air-cushion vehicles) (–3.5%).

## LIST OF TABLES

*page*

### INTERNATIONAL TRADE PRICE INDEXES

<b>1</b>	Import price index: All groups, index numbers and percentage changes . . . . .	5
<b>2</b>	Import price index: SITC contribution to all groups index . . . . .	6
<b>3</b>	Import price index: Selected SITC sections . . . . .	7
<b>4</b>	Import price index: Consumption goods, balance of payments broad economic categories . . . . .	8
<b>5</b>	Import price index: Capital goods, balance of payments broad economic categories . . . . .	9
<b>6</b>	Import price index: Intermediate and other merchandise goods, balance of payments broad economic categories . . . . .	10
<b>7</b>	Export price index: All groups, index numbers and percentage changes . . . . .	12
<b>8</b>	Export price index: SITC contribution to all groups index . . . . .	13
<b>9</b>	Export price index: Selected SITC sections . . . . .	14
<b>10</b>	Export price index: Rural goods, balance of payments classification of exports . . . . .	15
<b>11</b>	Export price index: Non-rural goods, balance of payments classification of exports . . . . .	16

### ADDITIONAL TABLES AVAILABLE ON ABS WEBSITE

<b>12</b>	Import price index, by selected SITC division
<b>13</b>	Import price index, by selected HTISC section
<b>14</b>	Import price index, by selected ANZSIC industry of origin division
<b>15</b>	Import price index, by selected ANZSIC industry of origin subdivision
<b>16</b>	Import price index, by BEC category
<b>17</b>	Export price index, AHECC and ANZSIC contribution to all groups index
<b>18</b>	Export price index, by selected AHECC section
<b>19</b>	Export price index, by selected ANZSIC industry of origin division and subdivision

## IMPORT PRICE INDEX(a): All groups, index numbers and 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>2006–07</b>	115.7	–1.1	. .
<b>2007–08</b>	115.0	–0.6	. .
<b>2008–09</b>	129.7	12.8	. .
<b>2009–10</b>	117.7	–9.3	. .
<b>2006</b>			
March	117.2	1.3	6.2
June	119.9	2.3	6.8
September	119.5	–0.3	3.7
December	115.7	–3.2	0.0
<b>2007</b>			
March	113.7	–1.7	–3.0
June	113.8	0.1	–5.1
September	112.9	–0.8	–5.5
December	113.1	0.2	–2.2
<b>2008</b>			
March	116.2	2.7	2.2
June	117.8	1.4	3.5
September	123.7	5.0	9.6
December	137.0	10.8	21.1
<b>2009</b>			
March	133.2	–2.8	14.6
June	124.7	–6.4	5.9
September	120.9	–3.0	–2.3
December	115.7	–4.3	–15.5
<b>2010</b>			
March	116.0	0.3	–12.9
June	118.2	1.9	–5.2
September	119.1	0.8	–1.5
December	114.6	–3.8	–1.0

. . not applicable

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

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

Category	CONTRIBUTION TO ALL GROUPS (INDEX POINTS)		CHANGE IN POINTS CONTRIBUTION
	Sep Qtr 2010	Dec Qtr 2010	Sep Qtr 2010 to Dec Qtr 2010
ALL GROUPS			
All groups	119.1	114.6	-4.5
SITC SECTIONS			
0 Food and live animals	5.04	4.76	-0.28
1 Beverages and tobacco	1.01	0.99	-0.02
2 Crude materials, inedible, except fuels	1.32	1.31	-0.01
3 Mineral fuels, lubricants and related materials	16.95	16.78	-0.17
4 Animal and vegetable oils, fats and waxes	0.29	0.31	0.02
5 Chemicals and related products, n.e.s.	13.22	12.74	-0.48
6 Manufactured goods classified chiefly by material	13.59	12.98	-0.61
7 Machinery and transport equipment	48.47	46.43	-2.04
8 Miscellaneous manufactured articles	14.67	13.69	-0.98
9 Commodities and transactions, n.e.s.	4.49	4.59	0.10
SELECTED SITC DIVISIONS			
03 Fish, crustaceans, molluscs and aquatic invertebrates and preparations thereof	0.72	0.70	-0.02
24 Cork and wood	0.37	0.37	0.00
33 Petroleum, petroleum products and related materials	15.84	15.70	-0.14
51 Organic chemicals	1.85	1.75	-0.10
52 Inorganic chemicals	0.66	0.64	-0.02
59 Chemical materials and products, n.e.s.	1.18	1.12	-0.06
64 Paper, paperboard and articles of paper pulp, of paper or of paperboard	1.56	1.54	-0.02
65 Textile yarn, fabrics, made-up articles, n.e.s., and related products	1.55	1.45	-0.10
69 Manufactures of metals, n.e.s.	2.86	2.69	-0.17
71 Power generating machinery and equipment	2.63	2.51	-0.12
72 Machinery specialised for particular industries	4.20	4.01	-0.19
74 General industrial machinery and equipment, n.e.s., and machine parts, n.e.s.	6.57	6.24	-0.33
75 Office machines and automatic data-processing machines	5.29	4.84	-0.45
76 Telecommunications and sound-recording and reproducing apparatus and equipment	6.33	5.94	-0.39
77 Electrical machinery, etc. and parts thereof	5.80	5.48	-0.32
78 Road vehicles (including air-cushion vehicles)	14.67	14.67	0.00
79 Other transport equipment	2.62	2.40	-0.22
87 Professional, scientific and controlling instruments and apparatus, n.e.s.	2.68	2.55	-0.13
89 Miscellaneous manufactured articles, n.e.s.	5.05	4.68	-0.37

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

## IMPORT PRICE INDEX(a): SITC sections

<i>Period</i>	<i>Food and live animals (0)</i>	<i>Beverages and tobacco (1)</i>	<i>Crude materials, inedible, except fuels (2)</i>	<i>Mineral fuels, lubricants and 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.s. (9)</i>
<b>2006–07</b>	123.8	122.3	125.6	280.2	167.0	118.8	135.1	92.4	109.3	163.7
<b>2007–08</b>	126.2	122.8	138.8	353.7	197.8	120.7	130.0	85.2	101.1	185.1
<b>2008–09</b>	147.1	131.6	174.1	332.7	245.0	142.4	151.8	95.4	122.5	241.0
<b>2009–10</b>	134.2	132.9	130.3	297.2	178.5	124.7	136.4	87.2	107.6	253.3
<b>2006</b>										
March	126.3	132.8	122.2	289.2	164.2	117.3	127.0	95.3	113.4	151.2
June	126.8	129.8	124.4	323.7	181.7	117.9	132.0	95.2	113.2	169.3
September	125.3	120.6	127.6	320.5	174.5	118.7	136.1	94.4	111.5	164.6
December	124.5	124.8	127.2	266.5	165.7	118.0	136.5	93.2	110.9	161.2
<b>2007</b>										
March	124.7	123.9	123.2	250.8	164.8	117.2	134.9	92.0	109.2	167.0
June	120.6	120.0	124.5	282.9	162.9	121.4	132.7	89.8	105.7	161.9
September	124.6	121.8	131.4	290.6	176.1	120.6	132.0	87.5	104.0	162.2
December	122.0	122.5	131.3	330.9	178.0	119.1	129.0	85.3	100.6	178.6
<b>2008</b>										
March	128.8	123.7	139.9	367.4	209.6	120.4	129.4	85.1	101.3	207.0
June	129.3	123.3	152.6	425.9	227.6	122.8	129.5	82.7	98.6	192.4
September	131.9	126.8	171.3	477.3	228.3	134.7	135.8	83.6	102.0	198.3
December	158.4	128.4	223.0	356.8	260.0	157.5	160.1	98.8	129.7	240.5
<b>2009</b>										
March	151.5	136.6	175.6	241.0	264.8	143.5	163.3	102.6	136.3	278.2
June	146.7	134.5	126.4	255.7	226.9	134.0	147.8	96.6	121.9	247.0
September	137.4	134.4	123.7	294.3	195.4	128.8	141.4	91.0	113.5	234.8
December	128.8	133.7	123.8	292.9	184.5	124.0	132.7	86.0	105.3	247.3
<b>2010</b>										
March	133.7	132.9	129.9	291.4	174.0	121.3	134.5	86.4	105.1	252.2
June	136.7	130.7	143.8	310.3	160.2	124.5	137.0	85.5	106.6	278.9
September	135.1	130.8	139.4	307.9	168.1	126.3	141.6	85.9	107.6	280.2
December	127.6	128.1	139.1	304.8	179.5	121.7	135.2	82.3	100.4	286.0

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

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

## BALANCE OF PAYMENTS BROAD ECONOMIC CATEGORIES

	<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>2006–07</b>	<b>116.5</b>	130.3	75.3	146.0	102.7	114.2	113.0
<b>2007–08</b>	<b>112.6</b>	131.5	65.9	143.8	96.1	103.8	110.0
<b>2008–09</b>	<b>126.9</b>	150.4	72.1	151.1	119.8	124.0	122.4
<b>2009–10</b>	<b>118.0</b>	138.9	63.8	149.8	104.2	108.2	115.2
<b>2006</b>							
March	<b>119.0</b>	135.6	81.5	147.0	105.6	119.6	113.2
June	<b>119.2</b>	136.0	79.9	148.0	105.3	120.3	113.7
September	<b>118.1</b>	132.3	77.7	147.0	106.3	116.9	113.3
December	<b>116.9</b>	131.1	75.5	145.4	104.3	115.2	113.2
<b>2007</b>							
March	<b>116.3</b>	130.9	75.1	146.0	101.6	114.6	112.6
June	<b>114.5</b>	126.7	72.7	145.4	98.5	110.0	113.0
September	<b>113.4</b>	130.2	69.9	142.7	98.5	107.7	112.5
December	<b>112.0</b>	127.8	66.7	142.5	96.4	103.8	110.4
<b>2008</b>							
March	<b>113.1</b>	134.0	64.9	145.6	96.6	104.4	109.0
June	<b>111.8</b>	133.9	62.2	144.4	93.0	99.4	108.2
September	<b>114.1</b>	136.5	65.6	143.9	97.8	103.5	110.2
December	<b>131.4</b>	159.4	74.6	150.1	126.5	132.6	127.5
<b>2009</b>							
March	<b>134.8</b>	155.6	76.3	155.9	134.4	137.4	130.1
June	<b>127.3</b>	150.0	71.8	154.4	120.3	122.6	121.7
September	<b>121.3</b>	142.2	67.5	152.3	110.5	112.7	116.7
December	<b>115.6</b>	134.7	62.8	149.4	100.9	104.6	112.7
<b>2010</b>							
March	<b>117.1</b>	138.2	62.9	150.0	100.8	107.7	114.8
June	<b>117.8</b>	140.4	61.8	147.4	104.4	107.7	116.4
September	<b>117.7</b>	138.3	59.6	145.8	108.1	108.9	117.1
December	<b>112.9</b>	131.7	54.9	145.1	101.2	101.9	112.3

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



## IMPORT PRICE INDEX(a): Capital goods

## BALANCE OF PAYMENTS BROAD ECONOMIC 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>2006–07</b>	<b>90.0</b>	129.2	16.9	35.3	146.0	156.1	115.4
<b>2007–08</b>	<b>83.0</b>	123.8	13.3	30.1	132.2	152.4	108.4
<b>2008–09</b>	<b>95.5</b>	148.6	14.3	32.5	168.4	166.8	122.4
<b>2009–10</b>	<b>85.3</b>	135.5	11.8	27.7	143.4	161.0	112.8
<b>2006</b>							
March	<b>93.5</b>	129.6	19.6	38.2	147.0	158.1	120.9
June	<b>93.4</b>	131.6	18.8	38.2	148.4	157.2	119.5
September	<b>92.1</b>	129.9	18.3	36.5	149.2	159.0	117.8
December	<b>91.1</b>	130.2	17.4	36.0	148.3	156.5	117.8
<b>2007</b>							
March	<b>89.5</b>	128.7	16.6	35.0	146.2	154.8	114.3
June	<b>87.4</b>	127.9	15.4	33.5	140.4	154.2	111.7
September	<b>85.3</b>	125.4	14.6	31.5	137.0	153.6	111.4
December	<b>83.3</b>	124.8	13.4	29.9	131.8	154.2	107.8
<b>2008</b>							
March	<b>82.7</b>	123.1	13.0	30.2	132.4	153.3	107.7
June	<b>80.6</b>	121.8	12.0	28.7	127.6	148.5	106.8
September	<b>81.2</b>	124.6	12.0	28.6	132.1	150.5	101.9
December	<b>100.0</b>	154.5	15.4	35.0	177.5	168.4	128.3
<b>2009</b>							
March	<b>104.1</b>	162.8	15.6	34.8	190.6	177.9	134.9
June	<b>96.5</b>	152.5	14.0	31.7	173.4	170.3	124.5
September	<b>89.8</b>	140.5	12.7	29.3	152.2	168.5	120.8
December	<b>83.9</b>	133.4	11.5	27.3	138.0	158.4	111.8
<b>2010</b>							
March	<b>84.2</b>	135.0	11.5	27.2	140.6	162.1	107.8
June	<b>83.4</b>	133.0	11.4	26.9	142.6	154.9	110.6
September	<b>84.3</b>	135.7	11.4	27.1	143.8	160.1	108.8
December	<b>80.2</b>	129.6	10.3	25.6	132.3	161.3	103.2

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

## IMPORT PRICE INDEX(a): Intermediate and other merchandise goods

## BALANCE OF PAYMENTS BROAD ECONOMIC CATEGORIES

<i>Period</i>	<i>Intermediate and other merchandise goods total</i>	<i>Intermediate and other 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>	<i>Organic and inorganic chemicals</i>
<b>2006-07</b>	<b>129.2</b>	129.2	130.1	125.6	331.8	132.1	13.5	86.5	115.1
<b>2007-08</b>	<b>136.2</b>	135.6	162.1	143.1	420.2	123.7	10.6	80.1	122.8
<b>2008-09</b>	<b>152.2</b>	149.8	207.5	190.2	388.9	143.1	11.5	92.0	161.4
<b>2009-10</b>	<b>136.9</b>	132.5	177.1	133.7	349.7	134.3	9.1	85.2	129.9
<b>2006</b>									
March	<b>128.6</b>	128.5	121.6	122.4	343.0	131.1	15.6	87.7	113.3
June	<b>135.0</b>	134.8	124.7	125.5	384.5	131.9	15.0	87.9	114.5
September	<b>135.6</b>	135.6	124.8	130.1	380.5	133.4	14.6	88.2	115.3
December	<b>128.1</b>	128.0	128.6	129.8	315.1	133.0	13.9	87.3	112.6
<b>2007</b>									
March	<b>124.9</b>	124.8	133.4	121.7	296.3	132.8	13.2	86.4	112.1
June	<b>128.2</b>	128.2	133.7	120.9	335.3	129.1	12.2	84.2	120.3
September	<b>128.5</b>	128.1	145.1	130.4	344.7	126.0	11.6	82.6	120.6
December	<b>131.7</b>	131.2	148.4	133.4	393.7	122.1	10.7	80.1	119.3
<b>2008</b>									
March	<b>138.9</b>	137.5	169.8	144.1	435.6	124.8	10.4	79.6	124.9
June	<b>145.6</b>	145.6	185.2	164.3	506.8	121.7	9.5	77.9	126.3
September	<b>157.7</b>	158.3	191.6	188.9	563.4	124.8	9.6	79.3	153.5
December	<b>163.4</b>	161.9	229.0	250.3	413.5	148.2	12.5	95.7	173.0
<b>2009</b>									
March	<b>148.6</b>	143.7	210.0	188.0	279.8	154.6	12.8	99.4	169.3
June	<b>139.1</b>	135.3	199.2	133.5	299.0	144.8	11.2	93.4	149.8
September	<b>138.8</b>	135.9	181.2	131.8	345.8	137.3	9.9	89.1	146.3
December	<b>134.6</b>	130.4	174.1	127.8	345.2	130.8	8.8	84.3	138.4
<b>2010</b>									
March	<b>134.3</b>	129.7	177.6	131.5	342.8	132.9	8.8	83.6	118.5
June	<b>139.7</b>	133.9	175.5	143.5	364.8	136.2	8.8	83.6	116.3
September	<b>141.1</b>	135.3	185.7	135.1	359.4	136.9	8.8	84.0	123.4
December	<b>136.8</b>	130.5	184.4	137.5	357.1	132.4	8.0	79.9	117.5

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

BALANCE OF PAYMENTS BROAD ECONOMIC CATEGORIES *continued*

<i>Period</i>	<i>Paper and paperboard</i>	<i>Textile yarn and fabric</i>	<i>Iron and steel</i>	<i>Plastics</i>	<i>Processed industrial supplies, n.e.s.</i>	<i>Non- monetary gold</i>
<b>2006-07</b>	95.1	106.2	158.6	132.2	141.9	163.9
<b>2007-08</b>	91.4	102.1	159.6	125.2	136.6	185.2
<b>2008-09</b>	98.2	122.5	201.8	161.8	163.3	241.3
<b>2009-10</b>	88.3	104.6	166.3	145.9	139.0	253.6
<b>2006</b>						
March	93.6	106.9	140.7	131.1	135.4	151.4
June	93.9	107.0	145.7	130.6	141.2	169.5
September	94.4	107.1	152.5	134.2	143.7	164.8
December	95.5	107.4	158.1	134.6	143.7	161.4
<b>2007</b>						
March	96.5	105.0	164.3	130.2	140.5	167.2
June	94.1	105.2	159.6	129.9	139.6	162.0
September	92.6	102.8	165.6	128.1	136.2	162.3
December	92.7	101.3	158.5	123.3	132.8	178.8
<b>2008</b>						
March	90.3	102.4	155.5	124.3	137.6	207.2
June	89.9	101.8	158.7	124.9	139.9	192.6
September	93.3	106.7	178.0	135.9	150.9	198.5
December	97.4	132.3	227.6	180.5	182.1	240.7
<b>2009</b>						
March	102.6	131.9	226.5	173.2	166.5	278.5
June	99.3	119.2	174.9	157.7	153.5	247.3
September	92.6	106.9	175.4	147.3	143.9	235.1
December	88.1	100.4	158.6	141.8	135.7	247.5
<b>2010</b>						
March	87.4	103.1	164.0	142.4	136.4	252.5
June	85.1	108.0	167.1	152.1	139.8	279.1
September	85.7	113.7	183.5	151.2	143.8	280.5
December	84.4	105.6	169.1	133.0	137.3	286.3

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

## EXPORT PRICE INDEX (a): All groups, index numbers and 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>2006–07</b>	146.8	7.9	..
<b>2007–08</b>	149.6	1.9	..
<b>2008–09</b>	196.5	31.4	..
<b>2009–10</b>	157.6	–19.8	..
<b>2006</b>			
March	138.7	5.0	22.7
June	143.7	3.6	16.4
September	146.4	1.9	13.2
December	146.7	0.2	11.1
<b>2007</b>			
March	146.7	0.0	5.8
June	147.2	0.3	2.4
September	142.8	–3.0	–2.5
December	142.0	–0.6	–3.2
<b>2008</b>			
March	146.9	3.5	0.1
June	166.8	13.5	13.3
September	189.8	13.8	32.9
December	219.9	15.9	54.9
<b>2009</b>			
March	209.8	–4.6	42.8
June	166.5	–20.6	–0.2
September	150.5	–9.6	–20.7
December	148.0	–1.7	–32.7
<b>2010</b>			
March	153.6	3.8	–26.8
June	178.3	16.1	7.1
September	192.2	7.8	27.7
December	176.7	–8.1	19.4

.. not applicable

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

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

Category	CONTRIBUTION TO ALL GROUPS (INDEX POINTS)		CHANGE IN POINTS CONTRIBUTION
	Sep Qtr 2010	Dec Qtr 2010	Sep Qtr 2010 to Dec Qtr 2010
ALL GROUPS			
All groups	192.2	176.7	-15.5
SITC SECTIONS			
0 Food and live animals	18.86	19.29	0.43
1 Beverages and tobacco	2.15	2.11	-0.04
2 Crude materials, inedible, except fuels	60.50	52.81	-7.69
3 Mineral fuels, lubricants and related materials	57.41	49.80	-7.61
4 Animal and vegetable oils, fats and waxes	0.49	0.58	0.09
5 Chemicals and related products, n.e.s.	7.37	7.29	-0.08
6 Manufactured goods classified chiefly by material	14.19	14.15	-0.04
7 Machinery and transport equipment	11.23	10.66	-0.57
8 Miscellaneous manufactured articles	4.13	3.96	-0.17
9 Commodities and transactions, n.e.s.	15.90	16.07	0.17
SELECTED SITC DIVISIONS			
00 Live animals other than animals of division 03	0.99	0.98	-0.01
01 Meat and meat preparations	5.80	5.59	-0.21
02 Dairy products and birds' eggs	1.92	1.94	0.02
03 Fish, crustaceans, molluscs and aquatic invertebrates and preparations thereof	0.89	0.87	-0.02
04 Cereals and cereal preparations	4.76	5.19	0.43
05 Vegetables and fruit	1.36	1.42	0.06
11 Beverages	2.05	2.00	-0.05
21 Hides, skins and furskins, raw	0.52	0.57	0.05
26 Textile fibres and their wastes	2.20	2.23	0.03
28 Metalliferous ores and metal scrap	55.06	47.36	-7.70
32 Coal, coke and briquettes	41.41	34.81	-6.60
33 Petroleum, petroleum products and related materials	7.51	7.61	0.10
52 Inorganic chemicals	0.47	0.42	-0.05
54 Medical and pharmaceutical products	3.67	3.62	-0.05
61 Leather, leather manufactures, n.e.s., and dressed furskins	0.21	0.21	—
67 Iron and steel	1.84	1.62	-0.22
68 Non-ferrous metals	9.22	9.55	0.33
71-75 Power generating, general industrial and other specialised machinery and equipment	4.84	4.65	-0.19
76-77 Telecommunications equipment, sound recording apparatus and electrical machinery, n.e.s.	2.26	2.12	-0.14
78 Road vehicles (including air-cushion vehicles)	2.70	2.58	-0.12
79 Other transport equipment	1.43	1.32	-0.11
89 Miscellaneous manufactured articles, n.e.s.	1.76	1.72	-0.04

— nil or rounded to zero (including null cells)

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

## EXPORT PRICE INDEX(a): SITC sections

<i>Period</i>	<i>Food and live animals (0)</i>	<i>Beverages and tobacco (1)</i>	<i>Crude materials, inedible, except fuels (2)</i>	<i>Mineral fuels, lubricants and 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.s. (9)</i>
<b>2006-07</b>	117.3	119.0	147.3	229.5	136.8	125.5	187.0	88.7	94.7	163.8
<b>2007-08</b>	132.5	105.0	148.0	250.1	200.1	115.2	170.1	85.1	87.3	181.7
<b>2008-09</b>	162.6	101.9	178.6	492.3	156.0	128.0	142.2	96.8	96.9	238.0
<b>2009-10</b>	143.2	90.2	144.7	305.0	162.9	120.0	131.9	87.8	87.0	244.7
<b>2006</b>										
March	112.8	127.2	124.2	259.0	112.1	120.7	144.1	90.3	95.1	152.2
June	116.3	119.3	126.3	257.7	105.5	128.6	164.6	90.2	95.7	167.3
September	113.3	119.3	140.8	247.5	106.1	128.9	178.6	88.9	96.0	164.4
December	117.9	119.6	144.4	233.5	137.8	126.2	185.8	89.3	95.5	161.9
<b>2007</b>										
March	120.6	119.6	148.0	222.3	137.9	126.1	186.1	89.1	94.8	166.3
June	117.4	117.4	155.8	214.7	165.4	120.9	197.4	87.5	92.5	162.5
September	117.3	111.9	146.3	216.4	184.8	119.1	179.2	87.3	89.8	161.7
December	121.4	102.0	138.7	230.4	204.2	113.3	167.0	85.1	87.7	174.9
<b>2008</b>										
March	140.0	104.5	139.0	235.6	220.8	111.3	165.2	85.1	87.1	198.9
June	151.3	101.5	168.0	318.1	190.5	117.2	169.0	83.0	84.6	191.4
September	160.4	97.3	179.5	453.0	184.4	122.0	166.3	87.1	90.1	199.1
December	181.0	103.9	205.0	569.3	108.1	134.1	161.3	102.1	102.2	240.1
<b>2009</b>										
March	162.5	105.8	185.1	571.7	136.0	131.4	124.4	102.8	101.3	272.8
June	146.5	100.4	144.9	375.1	195.5	124.5	116.6	95.3	93.8	239.8
September	143.6	91.8	129.8	293.3	164.6	119.5	126.7	90.0	91.4	227.0
December	136.1	89.6	127.9	287.9	168.7	117.8	125.0	86.4	86.4	239.7
<b>2010</b>										
March	144.7	89.6	135.5	295.0	148.8	120.1	134.0	86.8	83.7	242.5
June	148.5	89.7	185.4	343.9	169.3	122.5	141.8	87.8	86.5	269.7
September	150.1	87.6	209.8	389.9	180.0	126.1	140.5	86.9	82.9	272.4
December	153.6	85.8	183.1	338.2	209.8	124.6	140.1	82.5	79.6	275.3

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

## BALANCE OF PAYMENTS CLASSIFICATION OF EXPORTS

<i>Period</i>	<i>Rural goods total</i>	<i>Meat and meat preparations</i>	<i>Cereal grains and cereal preparations</i>	<i>Wool and sheepskins</i>	<i>Other rural</i>
<b>2006–07</b>	<b>102.4</b>	134.2	100.2	72.1	124.5
<b>2007–08</b>	<b>118.2</b>	140.3	142.6	81.9	137.3
<b>2008–09</b>	<b>135.6</b>	178.5	182.3	69.8	149.8
<b>2009–10</b>	<b>120.5</b>	161.5	133.1	74.6	138.4
<b>2006</b>					
March	<b>97.2</b>	133.7	89.9	60.2	121.7
June	<b>98.1</b>	135.7	89.5	66.2	121.0
September	<b>96.3</b>	131.2	86.6	65.6	120.3
December	<b>101.0</b>	137.9	96.9	66.0	123.4
<b>2007</b>					
March	<b>106.2</b>	138.7	108.7	76.3	125.8
June	<b>105.9</b>	129.1	108.7	80.4	128.3
September	<b>106.7</b>	127.8	112.4	80.6	128.9
December	<b>110.1</b>	126.0	125.3	81.2	132.2
<b>2008</b>					
March	<b>124.4</b>	142.0	159.0	85.7	143.2
June	<b>131.5</b>	165.4	173.7	80.1	144.8
September	<b>137.4</b>	186.2	175.9	76.7	149.4
December	<b>149.1</b>	199.7	206.7	72.3	162.8
<b>2009</b>					
March	<b>133.5</b>	171.2	184.5	65.4	149.7
June	<b>122.2</b>	156.7	162.0	64.6	137.4
September	<b>120.2</b>	162.5	143.9	66.7	136.2
December	<b>115.4</b>	151.8	131.8	71.2	132.3
<b>2010</b>					
March	<b>121.2</b>	161.5	128.4	81.2	139.4
June	<b>125.1</b>	170.3	128.4	79.4	145.8
September	<b>128.0</b>	176.9	130.2	79.4	149.1
December	<b>130.0</b>	170.3	141.9	84.7	149.4

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

## BALANCE OF PAYMENTS CLASSIFICATION OF EXPORTS

Period	Non-rural goods total (excl. non-monetary gold)	Metal ores and minerals	Coal, coke and briquettes	Other mineral fuels	Metals (excl. non-monetary gold)	Machinery	Transport equipment	Other manufactures	Other non-rural	Non-monetary gold
<b>2006-07</b>	<b>165.6</b>	196.3	174.7	360.6	211.2	79.8	109.1	109.1	85.2	166.2
<b>2007-08</b>	<b>162.9</b>	188.7	166.5	466.0	189.4	77.7	102.6	105.2	74.9	187.8
<b>2008-09</b>	<b>219.2</b>	231.9	441.3	522.2	151.6	87.7	118.0	112.5	89.2	244.4
<b>2009-10</b>	<b>168.1</b>	182.3	223.0	431.6	140.6	80.2	105.3	103.8	84.6	257.4
<b>2006</b>										
March	<b>156.6</b>	165.1	213.2	356.5	154.4	80.4	112.7	108.5	85.0	153.5
June	<b>162.2</b>	171.5	202.8	383.7	180.8	81.3	110.6	109.8	91.0	172.2
September	<b>167.1</b>	191.1	189.2	386.2	199.2	79.7	109.8	111.1	88.8	167.2
December	<b>166.2</b>	194.8	178.5	364.2	210.2	80.1	110.3	109.1	86.6	163.7
<b>2007</b>										
March	<b>163.9</b>	196.3	171.0	343.7	210.2	80.1	109.6	108.6	84.4	169.6
June	<b>165.2</b>	203.1	160.1	348.2	225.0	79.3	106.5	107.6	81.1	164.4
September	<b>158.5</b>	189.9	155.6	368.0	201.3	79.3	106.0	106.2	75.6	164.6
December	<b>155.0</b>	175.8	146.1	451.2	185.6	77.3	103.4	105.8	71.6	181.3
<b>2008</b>										
March	<b>155.2</b>	173.6	143.3	479.8	182.5	77.7	102.3	105.0	74.2	210.0
June	<b>182.7</b>	215.6	220.9	565.0	188.2	76.3	98.8	103.8	78.2	195.3
September	<b>212.6</b>	232.2	374.9	590.9	184.2	80.8	102.0	108.0	80.7	200.9
December	<b>248.3</b>	268.9	511.7	598.9	172.8	91.9	125.5	119.8	93.6	243.7
<b>2009</b>										
March	<b>235.4</b>	242.1	538.4	514.6	127.3	92.2	127.1	115.3	95.6	282.3
June	<b>180.5</b>	184.5	340.2	384.2	121.9	85.7	117.3	106.7	86.7	250.6
September	<b>159.8</b>	162.6	223.9	393.8	135.4	81.8	109.2	103.7	80.7	238.1
December	<b>156.4</b>	159.1	208.2	412.2	133.1	79.1	103.3	101.5	80.8	253.0
<b>2010</b>										
March	<b>162.6</b>	168.1	204.9	441.3	142.8	79.7	103.2	103.1	88.5	255.4
June	<b>193.7</b>	239.5	254.9	479.0	150.9	80.2	105.3	106.8	88.4	283.0
September	<b>212.0</b>	273.9	299.2	498.7	149.4	79.4	103.3	107.2	85.6	283.9
December	<b>189.9</b>	235.8	251.4	467.3	150.7	75.7	97.5	104.4	86.4	289.8

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



## EXPLANATORY NOTES

### INTRODUCTION

**1** This publication contains indexes measuring changes in the prices paid for imports of merchandise that are landed in Australia each quarter and prices received for exports of merchandise that are shipped from Australia each quarter. The import price indexes are in tables 1–6 and the export price indexes are in 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 less than 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
- railway vehicles
- 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). The SITC (Revision 4) used from the September quarter 2008 onwards is the United Nations' updated version, replacing SITC (Revision 3). SITC (Revision 4) retains the overall structure of SITC (Revision 3) and consists of the same number of sections, divisions and groups. Changes to the classification labels and components were made at levels lower than those used in the Import and Export Prices Indexes. As a result, there has been no material impact on the indexes, which remain comparable across the changes in classification.

**6** The import price index is also presented by Balance of Payments Broad Economic Categories in tables 4–6, which have been disaggregated into balance of payments groupings of consumption goods, capital goods and intermediate and other merchandise goods. From the September quarter 2008 onwards, the previous heading of Classification of Broad Economic Categories (BEC) End Use, has been replaced with Balance of Payments Broad Economic Categories. This is simply a name change, with the series remaining comparable to previously published series.

**7** The export price index is also presented by balance of payments classification of exports 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 2009–10. This differs slightly from the export price index which has used the average value of export items during 2008–09 and 2009–10, due to the greater volatility associated with the value of export items. These weights were revalued to reflect link period (June quarter 2010) price levels. This means, for example, that the weights for the import price index are effectively determined using quantities from 2009–10 and prices from June quarter 2010. Indexes derived by using the new weights for the September quarter 2010 were then linked to the already published June quarter 2010 (link period) levels which were derived using the previous series weights. Using this methodology, long-term chain

## EXPLANATORY NOTES *continued*

### ITEMS AND WEIGHTS *continued*

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.

**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 2009–10 for imports and 2008–09 and 2009–10 for exports. All 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 where 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. As noted, imports are priced on a country of origin basis. Therefore the exchange rates applied are impacted by the differences between the date of transaction (ownership change) and the shipping time from the country of origin to Australia.

**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.

## EXPLANATORY NOTES *continued*

### DIFFERENCES BETWEEN EPI AND EXPORT IPD

**17** There are differences between the export price index (EPI) presented in this publication, and the export implicit price deflator (IPD) presented in *National Income, Expenditure and Product* (cat. no. 5206.0) and *Balance of Payments and International Investment Position* (cat. no. 5302.0). The differences are mainly due to the completeness of the dataset used and the source of the data. Complete data for the third month of the quarter are not available for some components of the EPI due to the timing of its release. Further, the EPI is calculated from predominantly sampled provider data, whereas the export IPD is calculated from predominantly international merchandise trade data supplied by Customs. These differences can result in significant divergences between the measures when prices of commodities, which form a large proportion of exports, are volatile.

### INDEX NUMBERS

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

### ANALYSIS OF INDEX CHANGES

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

**20** 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:

Export price index, All groups index number:

December quarter 2010            176.7 (see table 7)

less December quarter 2009    148.0 (see table 7)

Change in index points            28.7

Percentage change                 $28.7/148.0 \times 100 = 19.4\%$

**21** 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, exports of mineral fuels, lubricants and related materials contributed 49.80 index points to the All groups export price index number of 176.7 for December quarter 2010 and -7.61 index points to the net change of -15.5 index points between September 2010 and December 2010 quarters.

### FURTHER INFORMATION

**22** For further information on price indexes in the ABS refer to the following publications:

*Information Paper: Producer and International Trade Price Indexes; Concepts, Sources and Methods 2006*, (cat. no. 6429.0)

*Information Paper: An Analytical Framework for Price Indexes in Australia*, (cat. no. 6421.0)

*Information Paper: Producer Price Index Developments*, (cat. no. 6422.0)

*Information Paper: Review of the Import Price Index and Export Price Index, Australia*, (cat. no. 6424.0)

*Information Paper: Price Indexes and The New Tax System*, (cat. no. 6425.0)

*Information Paper: Changes to the Weights of the Price Indexes for the Output of the General Construction Industry, Australia*, (cat. no. 6406.0)

*Information Paper: Update on ANZSIC 2006 Implementation for Producer and International Trade Price Indexes, Australia, 2009*, (cat. no. 6427.0.55.002)

### RELATED PUBLICATIONS

**23** Users may also wish to refer to the following related publications, which are

## EXPLANATORY NOTES *continued*

### RELATED PUBLICATIONS

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available from the ABS website:

*Producer Price Indexes, Australia*, (cat. no. 6427.0)

*Consumer Price Index, Australia*, (cat. no. 6401.0)

*Labour Price 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)

**24** Current publications and other products released by the ABS are listed on the ABS website <<http://www.abs.gov.au>>. The ABS also issues a daily *Release Advice* on the website which details products to be released in the week ahead.







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