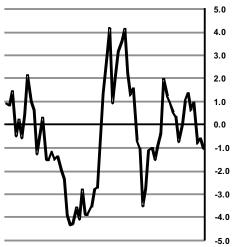


19 July 2011

### **Manufacturing Industries Output Price Index**





Jan 2006 Jan 2007 Jan 2008 Jan 2009 Jan 2010 Jan 2011

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# Wholesale Price Index June 2011

# **Manufacturing Output Price Index**

Price Index (Year '05=100)		% monthly change	% annual change	
April 2011	97.1	-0.7%	-0.8%	
May 2011	98.4	+1.3%	-0.6%	
June 2011	97.6	-0.8%	-1.0%	

# Annual Manufacturing Prices decrease by 1.0% in June

Monthly factory gate prices decreased by 0.8% in June 2011. This compares to a decrease of 0.4% recorded for June 2010. As a result, the annual percentage change showed a decrease of 1.0% in June 2011, compared with a decrease of 0.6% in May 2011. See graph across and Table 1.

In the month, the price index for export sales decreased by 0.6% while the index for home sales decreased by 1.3%. In the year there was a decrease of 2.2% in the price index for export sales (this can be influenced by currency fluctuations) and an increase of 5.0% in respect of the price index for home sales. See Table 2 and graph on page 7.

In the month the most significant changes were increases in Dairy products (+1.1%) and Rubber and plastic products (+0.5%) while there were decreases in Computer, electronic and optical products (-0.9%), Other food products including bread and confectionary (-0.6%) and Basic pharmaceutical products and pharmaceutical preparations (-0.4%). See Table 2 and Table 2A.

Contributing to the annual change were increases in Dairy products (+10.5%), Meat and meat products (+9.1%) and Other Manufacturing including Medical and Dental Instruments and Supplies (+2.9%), while there were decreases in Computer, electronic and optical products (-7.0%), Basic pharmaceutical products and pharmaceutical preparations (-2.9%) and Other food products including bread and confectionary (-2.4%). See Table 2 and Table 2A.

The yearly price index for Mining and quarrying increased by 10.7% while there was a monthly increase of 0.8%. See Table 2.

- Building and Construction All materials prices increased by 2.6% in the year since June 2010. The most notable yearly changes were increases in Copper pipes and fittings (+31.7%), Insulating materials (+11.0%) and Other timber excluding windows and doors (+8.3%) while there were decreases in PVC pipes and fittings (-12.5%), Precast concrete (-8.8%) and Stone (-7.9%). Building and Construction All material prices increased by 0.3% in the month. See Table 3.
- Year on year, the price of Capital Goods decreased by 2.6%, while the monthly price index increased by 0.2%. See Table 4.
- The price of Energy products increased by 3.9% in the year since June 2010, while Petroleum fuels increased by 10.7%. In June 2011, the monthly price index for Energy products increased by 0.7%, while Petroleum fuels increased by 1.8%. See Table 5.

For more information contact Ken Kennedy on 021 453 5447 or Susan Kelleher on 021 453 5779.

Manufacturing Industries Output Price Indices (excluding VAT) Rebased Series 2005=100 Table 1

Base: Year 2005 as 100 Manufacturing Industries

	Manufacturing Industries Out Index			utput Price	Manufacturin Output Price Ir Salo	ndex (Home	Manufacturing Industries Output Price Index (Export Sales)		
	Period	Price Index	% Change on preceding Annual % lex period change Pri		Price Index	% Change on Preceding Period	Price Index	% Change on Preceding Period	
2005	Year	100.0	_	_	100.0	_	100.0		
2006	Year	100.4	0.4	0.4	103.5	3.5	99.8	-0.2	
2007	Year	98.1	-2.3	-2.3	105.8	2.2	96.6	-3.2	
2008	Year	96.8	-1.3	-1.3	112.0	5.9	94.0	-2.7	
2009	Year	97.5	0.7	0.7	108.0	-3.6	95.5	1.6	
2010	Year	97.6	0.1	0.1	109.6	1.5	95.3	-0.2	
2007	Quarter 1	99.0	-1.6	-0.8	103.0	0.2	98.2	-2.0	
	Quarter 2	98.6	-0.4	-1.3	105.1	2.0	97.3	-0.9	
	Quarter 3	98.3	-0.3	-2.8	106.7	1.5	96.7	-0.6	
	Quarter 4	96.5	-1.8	-4.1	108.2	1.4	94.3	-2.5	
2008	Quarter 1	95.4	-1.1	-3.6	109.7	1.4	92.7	-1.7	
	Quarter 2	95.2	-0.2	-3.4	113.2	3.2	91.8	-1.0	
	Quarter 3	97.6	2.5	-0.7	114.6	1.2	94.4	2.8	
	Quarter 4	99.1	1.5	2.7	110.6	-3.5	96.9	2.6	
2009	Quarter 1	98.2	-0.9	2.9	107.2	-3.1	96.5	-0.4	
	Quarter 2	97.6	-0.6	2.5	107.9	0.7	95.6	-0.9	
	Quarter 3	97.6	0.0	0.0	108.8	8.0	95.4	-0.2	
	Quarter 4	96.6	-1.0	-2.5	107.9	-0.8	94.4	-1.0	
2010	Quarter 1	97.1	0.5	-1.1	107.9	0.0	95.0	0.6	
	Quarter 2	98.5	1.4	0.9	110.0	1.9	96.3	1.4	
	Quarter 3	98.1	-0.4	0.5	110.1	0.1	95.9	-0.4	
	Quarter 4	96.7	-1.4	0.1	110.5	0.4	94.1	-1.9	
2011	Quarter 1 Quarter 2	98.0 97.7	1.3 -0.3	0.9 -0.8	112.7 115.5	2.0 2.5	95.2 94.4	1.2 -0.8	
0000									
2009	January February	97.9 98.9	0.6 1.0	2.1 3.1	106.9 107.7	-0.6 0.7	96.2 97.3	0.8 1.1	
	March	97.8	-1.1	3.6	107.1	-0.6	96.1	-1.2	
	April	98.3	0.5	4.1	107.5	0.4	96.5	0.4	
	May	97.1	-1.2	2.2	107.7	0.2	95.0	-1.6	
	June	97.4	0.3	1.2	108.4	0.6	95.4	0.4	
	July	97.1	-0.3	1.6	109.6	1.1	94.7	-0.7	
	August	97.7	0.6	-0.7	108.1	-1.4	95.7	1.1	
	September	97.9	0.2	-1.0	108.7	0.6	95.9	0.2	
	October	96.4	-1.5	-3.5	108.0	-0.6	94.2	-1.8	
	November	97.2	0.8	-2.8	107.9	-0.1	95.2	1.1	
	December	96.2	-1.0	-1.1	107.9	0.0	94.0	-1.3	
2010	January	96.9	0.7	-1.0	107.4	-0.5	94.9	1.0	
	February	97.4	0.5	-1.5	108.4	0.9	95.4	0.5	
	March	96.9	-0.5	-0.9	107.9	-0.5	94.8	-0.6	
	April	97.9	1.0	-0.4	109.7	1.7	95.6	8.0	
	May	99.0	1.1	2.0	110.8	1.0	96.7	1.2	
	June	98.6	-0.4	1.2	109.5	-1.2	96.5	-0.2	
	July	98.0	-0.6	0.9	109.7	0.2	95.8	-0.7	
	August	98.2	0.2	0.5	110.0	0.3	95.9	0.1	
	September	98.2	0.0	0.3	110.6	0.5	95.9	0.0	
	October	95.7	-2.5	-0.7	109.8	-0.7	93.1	-2.9	
	November December	97.2 97.2	1.6 0.0	0.0 1.0	111.1 110.7	1.2 -0.4	94.6 94.7	1.6 0.1	
2011	January	98.2	1.0	1.3	111.6	0.8	95.6	1.0	
	February	98.0	-0.2	0.6	112.7	1.0	95.3	-0.3	
	March	97.8 97.1	-0.2 0.7	0.9	113.8	1.0 1.1	94.8	-0.5	
	April May	97.1 98.4	-0.7 1.3	-0.8 -0.6	115.1 116.5	1.1	93.7 95.0	-1.2 1.4	
	May June	97.6	-0.8	-0.6 -1.0	115.0	-1.3	95.0	-0.6	
	Juile	31.0	-0.0	-1.0	110.0	-1.0	34.4	-0.0	

Table 2 Industrial Producer Price Indices (excluding VAT)

Base: Year 2005 as 100

					Monthly <sup>c</sup>		Annual %
	NACE _	Index			Change		Change
	code <sup>1</sup>	May 2011	June 2011	Apr 2011	May 2011	June 2011	June 2011
		2011	2011	2011	2011	2011	
Food Products	10	120.7	120.4	-0.1	1.0	-0.2	3.1
Meat and meat products	101	129.4	129.0	1.4	3.3	-0.3	9.1
Fish and fish products	102	126.9	127.3	-4.0	0.6	0.3	2.9
Fruit and vegetables	103	102.7	102.6	-0.3	0.2	-0.1	-1.3
Vegetables and animal oils and fats	104	154.3	154.3	0.0	0.0	0.0	52.6
Dairy products	105	123.9	125.3	0.9	0.4	1.1	10.5
Grain milling, starches and animal feeds	106,109	124.2	124.4	0.3	1.1	0.2	9.2
Bakery and farinaceous products	107	127.9	124.3	-0.4	0.1	-2.8	-0.2
Other food products	108	115.0	114.3	-1.0	0.2	-0.6	-2.4
Beverages	11	102.9	102.9	-0.2	0.1	0.0	-0.8
Textiles	13	109.6	109.6	-0.1	0.3	0.0	0.6
Wearing apparel	14	100.9	100.9	-0.2	0.2	0.0	0.4
Leather and leather products (incl. footwear);							
dressing and dyeing of fur	15	93.3	93.2	0.5	0.2	-0.1	0.9
Wood and wood products	16	110.7	110.3	-0.5	0.2	-0.1	-4.5
Pulp, paper and paper products	17	97.9	98.0	-0.3	0.2	0.1	1.0
Printing and reproduction of recorded media	18	99.0	98.6	-0.2 -1.3	0.8	-0.4	0.6
Chemicals and chemical products	20	104.0	103.4	-1.3 -1.2	2.3	-0.4	-3.9
	20	104.0	103.4	-1.2	2.5	-0.0	-3.9
Basic pharmaceutical products and pharmaceutical	04	00.0	00.0	0.7	0.4	0.4	2.0
preparations	21	89.0	88.6	-0.7	0.1	-0.4	-2.9
Rubber and plastic products	22	106.1	106.6	0.2	-1.7	0.5	1.4
Other non-metallic mineral products	23	112.1	112.3	0.3	0.4	0.2	-0.5
Basic metals	24	129.9	128.7	1.1	1.0	-0.9	3.5
Fabricated metal products, except	0.5	400.0	100.7	0.7	2.2	0.4	4.4
machinery and equipment	25	102.8	102.7	-0.7	2.2	-0.1	1.1
Computer, electronic and optical products	26	79.9	79.2	-2.6	3.5	-0.9	-7.0
Electrical equipment	27	142.0	141.6	-0.6	-1.1	-0.3	6.5
Machinery and Equipment n.e.c.	28	102.3	102.3	-1.5	0.7	0.0	-3.5
Motor vehicles, trailers and semi-trailers	29	93.5	93.4	-1.9	0.2	-0.1	-3.3
Furniture	31	101.9	101.8	-0.2	-1.2	-0.1	-1.4
Other Manufacturing	32	110.0	110.0	-0.2	0.2	0.0	2.9
Mining and quarrying	05-09	102.7	103.5	1.5	-1.5	8.0	10.7
Total transportable goods industries		98.4	97.7	-0.7	1.3	-0.7	-0.8
Food products, Beverages and Tobacco Products	10-13	118.4	118.1	-0.3	0.9	-0.3	2.4
Manufacturing industries excluding Food Products		93.8	92.9	-0.9	1.5	-1.0	-2.0
Manufacturing Industries excluding Food Products,		00.0	02.0	0.0	1.0	1.0	2.0
Beverages and Tobacco Products		93.4	92.5	-1.0	1.5	-1.0	-2.1
Intermediate goods industries (except energy)		111.9	111.6	0.0	2.4	-0.3	3.5
Capital goods industries		83.0	82.5	-2.1	1.2	-0.6	-6.6
Durable consumer goods industries		106.7	106.6	-2.1 -0.7	0.4	-0.0 -0.1	-3.0
Non-durable consumer goods industries		100.7	99.7	-0.7 -0.5	0.4	-0.1	-0.9
The second secon				0.0	0.0	0.1	0.0
Manufacturing industries (home sales) <sup>2</sup>		116.5	115.0	1.1	1.2	-1.3	5.0
Manufacturing industries (export sales) <sup>2</sup>		95.0	94.4	-1.2	1.4	-0.6	-2.2
Total manufacturing industries <sup>2</sup>		98.4	97.6	-0.7	1.3	-0.8	-1.0

<sup>&</sup>lt;sup>1</sup> Nace Rev. 2 Statistical classification of economic activities in the European Community.

<sup>&</sup>lt;sup>2</sup> Excludes Mining and quarrying.

Table 2A Contribution to changes in the Manufacturing Output Price Index, June 2011 (Table 2)

Industrial sector	NACE code 1	Contribution to overall % change <sup>2</sup>			
industrial sector		One month	Twelve months		
Food Products	10	-0.06	0.59		
Meat and meat products	101	-0.01	0.42		
Fish and fish products	102	0.00	0.01		
Fruit and vegetables	103	0.00	0.00		
Vegetables and animal oils and fats	104	0.00	0.01		
Dairy products	105	0.04	0.34		
Grain milling, starches and animal feeds	106,109	0.00	0.08		
Bakery and farinaceous products	107	-0.02	0.00		
Other food products	108	-0.06	-0.27		
Beverages	11	0.00	-0.02		
Tobacco Products	12	0.00	0.01		
Textiles	13	0.00	0.00		
Wearing apparel	14	0.00	0.00		
Leather and leather products (incl. footwear);					
dressing and dyeing of fur	15	0.00	0.00		
Wood and wood products	16	0.00	-0.06		
Pulp, paper and paper products	17	0.00	0.01		
Printing and reproduction of recorded media	18	-0.01	0.01		
Coke and refined petroleum products	19	-0.40	0.75		
Chemicals and chemical products	20	-0.01	-0.10		
Basic pharmaceutical products and pharmaceutical					
preparations	21	-0.13	-0.80		
Rubber and plastic products	22	0.01	0.03		
Other non-metallic mineral products	23	0.00	-0.02		
Basic metals	24	-0.01	0.03		
Fabricated metal products, except Machinery and					
equipment	25	0.00	0.02		
Computer, electronic and optical products	26	-0.18	-1.55		
Electrical equipment	27	0.00	0.10		
Machinery and Equipment n.e.c.	28	0.00	-0.10		
Motor vehicles, trailers and semi-trailers	29	0.00	-0.03		
Other transport equipment	30	0.00	-0.01		
Furniture	31	0.00	-0.01		
Other Manufacturing	32	0.00	0.18		
Repair and Installation of machinery and equipment	33	0.00	0.00		
Mining and quarrying	05-09	0.01	0.15		

<sup>&</sup>lt;sup>1</sup> Nace Rev. 2 Statistical classification of economic activities in the European Community.

<sup>&</sup>lt;sup>2</sup> See Background Notes.

Table 3 Detailed Wholesale Price Indices (excluding VAT) for Building and Construction Materials<sup>1</sup>

Base: Year 2005 as 100

	Index			ly % Chan	Annual % Change	
Materials	May	June	Apr	May	June	June
	2011	2011	2011	2011	2011	2011
Stone, sand and gravel	122.9	120.2	-2.3	1.1	-2.2	-6.7
Stone	119.8	116.5	-3.5	1.6	-2.8	-7.9
Sand and gravel	180.3	181.3	3.8	-1.7	0.6	-0.8
Cement	128.6	128.6	0.0	0.0	0.0	0.6
Ready mixed mortar and concrete	101.9	104.0	1.2	-0.8	2.1	-2.3
Concrete blocks and bricks	115.1	115.0	3.5	1.9	-0.1	3.3
Other concrete products	96.6	96.6	0.0	1.3	0.0	-3.5
Precast concrete	99.0	99.0	0.0	4.2	0.0	-8.8
Other concrete products						
(Excluding precast concrete)	95.8	95.8	0.0	0.0	0.0	-1.1
Structural steel and reinforcing metal	116.1	115.6	2.0	-0.3	-0.4	5.3
Structural steel	115.5	115.3	1.6	0.2	-0.2	4.3
Fabricated metal	111.5	111.2	1.6	0.4	-0.3	4.2
Other Structural steel	97.1	97.1	1.3	-1.0	0.0	4.3
Reinforcing metal	117.0	116.1	2.5	-0.8	-0.8	6.8
Other steel products	101.0	101.0	0.0	0.0	0.0	3.8
Rough timber (including plain sawn)	114.6	114.6	0.0	0.4	0.0	5.2
Hardwood	104.3	104.3	0.0	0.0	0.0	0.6
Other	115.9	115.9	0.0	0.3	0.0	5.6
Other timber	107.6	107.6	0.0	3.8	0.0	4.7
Windows and doors	113.7	113.7	0.0	0.1	0.0	1.6
Other	102.6	102.6	0.0	8.3	0.0	8.3
Bituminous macadam, asphalt and						
bituminous emulsions	150.2	145.8	4.6	2.2	-2.9	9.5
Bituminous macadam and asphalt	149.3	144.8	4.6	2.4	-3.0	9.5
Bituminous emulsions	172.5	169.7	1.9	1.6	-1.6	11.1
Electrical fittings	118.6	119.0	-0.1	-0.4	0.3	-0.8
Lighting equipment	132.6	132.4	0.0	0.0	-0.2	2.6
Protection & communication						
equipment	114.3	113.7	0.0	0.0	-0.5	-3.8
All other materials	132.9	133.5	-0.2	0.1	0.5	7.4
Plumbing materials incl. sanitary ware	114.0	114.0	0.0	0.0	0.0	-1.2
HVAC (heating & ventilation	114.0	114.0	0.0	0.0	0.0	-1.2
equipment)	113.1	113.2	0.0	1.6	0.1	-1.3
Insulating materials	135.6	135.6	1.5	0.0	0.0	11.0
Pipes and fittings	181.8	186.7	-1.1	-1.8	2.7	19.3
PVC	95.3	95.3	-4.6	-11.1	0.0	-12.5
Copper	352.7	364.8	0.1	0.9	3.4	31.7
Plaster	124.0	124.0	0.0	0.0	0.0	0.7
Paints, oils and varnishes	98.6	98.3	0.0	2.5	-0.3	4.8
Glass	118.9	118.9	0.0	3.1	0.0	3.1
All other metal fittings	118.7	118.7	0.0	0.6	0.0	1.2
All other products	128.0	127.8	0.0	0.5	-0.2	6.0
All materials	119.1	119.4	0.3	0.3	0.3	2.6

<sup>&</sup>lt;sup>1</sup> The former Table 3 series is available on request: see Wholesale Price Index Introduction of Updated Series to Base 2005 as 100

Table 4 Capital Goods Price Indices (excluding VAT)

Base: Year 2005 as 100

	Index		Monthly % Change			Annual % Change
Capital goods	May	June	Apr	May	June	June
	2011	2011	2011	2011	2011	2011
Transportable capital for use in						
Agriculture	110.8	110.9	0.1	0.1	0.1	1.7
Industry	96.3	96.7	0.2	0.2	0.4	-1.7
of which:						
Private vehicles <sup>1</sup>	103.7	103.7	0.0	0.0	0.0	0.0
Commercial vehicles	96.0	96.9	0.0	0.0	0.9	-2.7
Agriculture and industry	98.5	98.8	0.1	0.2	0.3	-1.2
Other sectors	98.2	98.5	0.1	0.0	0.3	-1.5
Total transportable capital	98.4	98.7	0.2	0.1	0.3	-1.3
Building and construction	111.0	111.1	0.1	0.2	0.1	-2.8
(i.e. materials and wages)						
All capital goods	109.1	109.3	0.1	0.2	0.2	-2.6

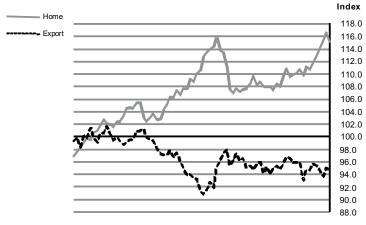
<sup>&</sup>lt;sup>1</sup> Private vehicles are inclusive of VAT which is non-deductible for industry and agriculture.

Table 5 Wholesale Price Indices (excluding VAT) for Energy Products (i.e. Fuels purchased by Manufacturing Industry)

						Base: Year 2005 as 100
	Index		Monthly % Change			Annual % Change
Energy fuels	May	June	Apr	May	June	June
	2011	2011	2011	2011	2011	2011
Petrol	147.5	145.4	1.4	-0.3	-1.4	8.8
Autodiesel	136.5	138.5	0.3	-2.8	1.5	10.2
Gas oil (other than autodiesel)	139.5	142.2	0.9	-3.8	1.9	10.1
Fuel oil	170.2	173.7	2.2	-3.7	2.1	11.2
Electricity	115.2	115.2	0.0	0.0	0.0	0.0
Petroleum fuels <sup>1</sup>	156.2	159.0	1.6	-3.4	1.8	10.7
Energy products	128.0	128.9	0.5	-1.3	0.7	3.9

<sup>&</sup>lt;sup>1</sup> Energy products excluding electricity.

# Manufacturing Industries: Output Price Indices for Home and Export Sale (Base: Year 2005 as 100)



Jan 2005 Jan 2006 Jan 2007 Jan 2008 Jan 2009 Jan 2010 Jan 2011

Central Statistics Office Wholesale Price Index

# **Background Notes**

Wholesale Price The term Industrial Producer Price Index refers to a family of indices that measure the average change over time in the selling prices received by domestic producers of goods and services. The other three wholesale price index series incorporate imported and home produced goods sold by manufacturers and wholesale outlets.

The output price indices for sectors of Manufacturing Industries cover both home sales and export sales. The Indices for Total transportable goods industries; Food, drink and tobacco; Manufacturing industries excluding food; Manufacturing industries excluding food, drink and tobacco; Intermediate goods industries (except energy); Capital goods industries; Durable consumer goods industries; Non-durable consumer goods industries; Manufacturing industries (home sales); Manufacturing industries (export sales) and Total manufacturing industries are all calculated on a net sector basis, i.e. the weights used to combine the sectoral indices (including those for sectors not distinguished in Table 2) exclude sales to other sectors of Manufacturing Industry.

Table 2A gives the percentage contribution of each sector (including those not published on Table 2) to the overall percentage change on Table 2. The percentage contributions on Table 2A may not add up to the Total Manufacturing industries percentage change on Table 2 due to rounding and other adjustments for presentational purposes. In comparing these contributions against these percentage changes in indices presented on Table 2 caution should be exercised as the former is calculated on a net sector basis.

The Building Materials, Capital Goods and Energy Products indices (Tables 3, 4 and 5) cover home production and imports of these commodities. Table 3, the Wholesale Price Index for Building and Construction Materials, provides only a general indication of price trends in that sector. Actual transaction prices are collected for materials purchased by construction and civil engineering firms. The price indices reflect an 'average' over a mixture of products from many companies throughout the country. They also reflect prices for both long-term and short-term contracts and for high and low volume civil engineering works. It should be noted that long-term, high volume fixed contracts for major works might dilute in the short-term the impact of emerging price changes on the index. Furthermore, industry sources have confirmed that price increases notified by companies may not always be achieved in practice following negotiations. Much depends on the prevailing market conditions. Therefore changes over the short-term in the indices derived from these transaction prices will not always coincide with price changes notified by companies.

All indices in the series are based on prices at the 15th of the month. Quarterly and annual indices are simple averages of the corresponding monthly indices.

Prices used in the compilation of the indices are:

excluding delivery charges itemised on the invoice separately after discounts or surcharges are applied before addition of direct subsidies exclusive of VAT (except for private vehicles used in Table 4) inclusive of excise duty

Every effort is made by the Wholesale Prices Section to collect all prices for the relevant month. Where this is not possible late prices are included in the following month's calculations.

# Methodology

This Wholesale Price Index series is compiled to base 2005 as 100. A methodological description of this updated series is given in the Wholesale Price Index Introduction of Updated Series base 2005 as 100.

# Calculating percentage changes in the index

The movement of the output price indices is expressed as percentage change, rather than a change in index points, because index point changes are affected by the level of the index in relation to its base period, whereas percentage changes are not.

Central Statistics Office Wholesale Price Index

The example below illustrates the computation of a percentage change:

Percentage change calculation	
Current index	105.6
Less previous index	102.1
Equals in index points	3.5
Divided by the previous index	102.1
Equals	0.0343
Results multiplied by 100	0.0343 x 100
Equals percentage change	3.4

Alternatively, users may calculate a percentage change by dividing the current index by the previous index , multiplying by 100 and then subtracting 100.