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# Statistical release

## P0142.1

# PRODUCER PRICE INDEX (PPI)

**May 2008**

**Embargoed until:  
26 June 2008  
11:30**

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**Forthcoming issue:**

**June 2008**

**Expected release date**

**31 July 2008**

Statistics South Africa • Mbalo-mbalo dza Afrika Tshipembe • Tinhlayo-tiko ta Afrika-Dzonga • Dipalopalo tsa Aforika Borwa • Ezezibalo zaseNingizimu Afrika  
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## KEY FIGURES AS AT MAY 2008

### Producer Price Index and rates of change according to main components

Base: 2000 = 100

Producer Price Index components	Indices			Percentage change between	
	May 2007	Apr 2008	May 2008	Apr 2008 and May 2008	May 2007 and May 2008
Domestic output	157,0	174,1	182,7	+4,9	+16,4
Exported commodities	158,6	165,5	168,9	+2,1	+6,5
Imported commodities	140,5	169,1	172,8	+2,2	+23,0

### IMPACT OF BASIC IRON AND STEEL PRICES

To minimise the burden on PPI respondents, Stats SA had long established a pattern on data collection. For those series of prices judged to be relatively stable, the reporting requirement was limited to once a quarter. For products for which the prices were more volatile, respondents were required to report once a month. Domestically produced products for which the prices have been collected quarterly to date account for about 30% of the total.

The Key Figures for May 2008, show that the PPI for domestically produced goods increased by 4,9% month on month and by 16,4% year on year. These large increases were mostly caused by increases in the price of basic iron and steel in May 2008. Since prices of basic iron and steel are collected quarterly, their recorded price changes relate to May over February.

Currently price patterns have been changing with an acceleration of price hikes, at the same time as the number of products experiencing a relatively slow change in prices is falling. Accordingly Stats SA has decided to publish, as a supplement for analytical purposes, a table of price changes related to those products that have a major impact on the month to month and year to year variation but for which prices are only reported quarterly. The table below excluding the prices of iron and steel is the first of these. It shows that the exclusion of iron and steel results in a 1,1% movement MoM and a 12,2% YoY as opposed to 4,9% and 16,4% respectively.

Producer Price Index for domestic output excluding basic iron and steel	May 2007	Apr 2008	May 2008	Apr 2008 and May 2008	May 2007 and May 2008
	157,0	174,1	176,2	+1,1	+12,2

### KEY FINDINGS AS AT MAY 2008

The annual percentage change in the PPI is higher at +16,4% at May 2008 (i.e. the PPI at May 2008 compared with that at May 2007).

*The Producer Price Index (PPI) for domestic output shows an annual rate of change of 16,4% at May 2008 (i.e. the PPI at May 2008 compared with that at May 2007). This rate is 4,0 percentage points higher than the corresponding annual rate of 12,4% at April 2008 (i.e. the PPI at April 2008 compared with that at April 2007) (see Table 1 (A)). This higher annual rate at May 2008 compared with that at April 2008 can be explained by increases in the annual rate of change in the Producer Price Indices for:*

- **Basic metals:** the annual rate increased from -2,6% at April 2008 to +36,8% at May 2008 – see Note above.
- **Mining and quarrying:** the annual rate increased from +21,0% at April 2008 to +23,0% at May 2008.
- **Products of petroleum and coal:** the annual rate increased from +33,6% at April 2008 to +33,9% at May 2008.
- **Metal products:** the annual rate increased from +12,3% at April 2008 to +15,1% at May 2008.
- **Non-electrical machinery and equipment:** the annual rate increased from +13,2% at April 2008 to +18,4% at May 2008.
- **Other manufactures:** the annual rate increased from +3,3% at April 2008 to +5,4% at May 2008.

***This increase was partially counteracted by decreases in the annual rate of change for:***

- ***Agricultural products: the annual rate decreased from +9,7% at April 2008 to +5,6% at May 2008.***
- ***Electrical machinery and apparatus: the annual rate decreased from +6,4% at April 2008 to +5,2% at May 2008.***
- ***Forestry: the annual rate decreased from +14,2% at April 2008 to +9,5% at May 2008.***
- ***Food at manufacturing: the annual rate decreased from +19,5% at April 2008 to +19,1% at May 2008.***
- ***Non-metallic mineral products: the annual rate decreased from +13,1% at April 2008 to +6,0% at May 2008.***

***From April 2008 to May 2008 the PPI for domestic output increased by 4,9%.***

The monthly increase of 4,9% in the PPI for domestic output is mainly due to monthly increases in the price indices for basic metals (+3,2 percentage points), all other groups (+0,6 of a percentage point), products of petroleum and coal (+0,5 of a percentage point), mining and quarrying products (+0,3 of a percentage point) and metal products (+0,2 of a percentage point). These increases were partially counteracted by a decrease in the price index for agricultural products (-0,3 of a percentage point) (see table 3, p.11).

**The annual rate of change in the PPI for exported commodities is higher at +6,5% at May 2008 (i.e. the PPI at May 2008 compared with that at May 2007).**

**The PPI for exported commodities shows an annual rate of increase of 6,5% at May 2008 (i.e. the PPI at May 2008 compared with that at May 2007). This rate is 0,5 of a percentage point higher than the corresponding annual rate of 6,0% at April 2008 (i.e. the PPI at April 2008 compared with that at April 2007) (see Table 1(B)).**

The annual increase of 6,5% in the PPI for exported commodities is mainly due to annual increases in the price indices of mining and quarrying products (+6,1 percentage points), all other groups (+1,8 percentage points), products of petroleum and coal (+0,7 of a percentage point), food at manufacturing (+0,2 of a percentage point) and non-electrical machinery and equipment (+0,2 of a percentage point). These increases were partially counteracted by a decrease in the price index for basic metals (-3,0 percentage points) (see Table 4).

**From April 2008 to May 2008 the PPI for exported commodities increased by 2,1%.**

The monthly increase of 2,1% in the PPI for exported commodities is mainly due to monthly increases in the price indices of basic metals (+2,2 percentage points) and mining and quarrying products (+0,1 of a percentage point). These increases were partially counteracted by a decrease in the price index for all other groups (-0,2 of a percentage point) (see Table 5).

**The annual rate of change in the PPI for imported commodities is higher at +23,0% at May 2008 (i.e. the PPI at May 2008 compared with that at May 2007).**

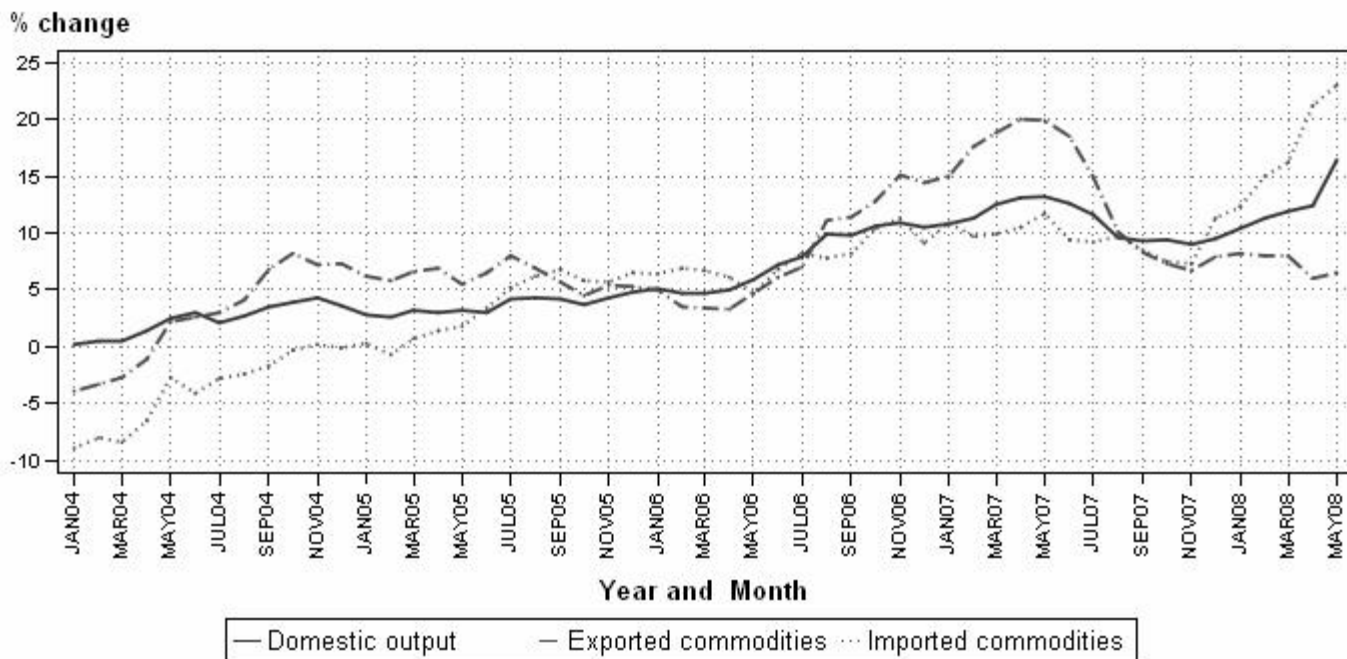
**The PPI for imported commodities shows an annual rate of increase of 23,0% at May 2008 (i.e. the PPI at May 2008 compared with that at May 2007). This rate is 1,8 percentage points higher than the corresponding annual rate of 21,2% at April 2008 (i.e. the PPI at April 2008 compared with that at April 2007) (see Table 1 (C)).**

The annual increase of 23,0% in the PPI for imported commodities is mainly due to annual increases in the price indices for mining and quarrying products (+21,4 percentage points), chemicals and chemical products (+1,4 percentage points), food at manufacturing (+1,2 percentage points), non-electrical machinery and equipment (+0,5 of a percentage point), products of petroleum and coal (+0,3 of a percentage point) and transport equipment (+0,3 of a percentage point). These increases were partially counteracted by decreases in the price indices of office accounting and computing machinery (-0,1 of a percentage point), radio, television and communication equipment and apparatus (-0,1 of a percentage point) and all other groups (-2,5 percentage points) (see Table 6).

**From April 2008 to May 2008 the PPI for imported commodities increased by 2,2%.**

The monthly increase of 2,2% in the PPI for imported commodities is mainly due to monthly increases in the price index for mining and quarrying products (+2,2 percentage points) and food at manufacturing (+0,2 of a percentage point). These increases were partially counteracted by decreases in the price indices of agricultural products (-0,1 of a percentage point) and all other groups (-0,1 of a percentage point) (see Table 7).

**Figure 1 – Annual percentage change in the Producer Price Index:**



**Source: Stats SA**

**Note to users of the Producer Price Index**

**Contribution tables (change from old to new weights in annual tables)**

Tables 2, 4 and 6 provide the subcomponents' contributions to the annual percentage change in the all groups index. Up until the March 2008 PPI release these were estimated using the old weights because their impact heavily outweighed the impact of the new weights in the year-on-year change. Note that the PPI will become strictly comparable on a year-on-year basis only from the February 2009 release (to be published in March 2009). In the May 2008 release the annual contribution tables are estimated using the new weights, but users should be aware that until the February 2009 release they will be an approximation only.

The contributions to the month-on-month changes (Tables 3, 5 and 7) are unaffected (they are calculated using the new weights).

**Consistency of year-on-year rates of change**

In general the annual changes of individual categories are not comparable with the annual changes of their subcomponents, because the PPI will become strictly comparable on a year-on-year basis only from the February 2009 release. This is caused not only by changes in products but also by changes in weights, which cause the year-on-year rates to be hybrid rates of change (February 2007 to January 2008). An example of the inconsistency is the category Electricity, gas and water in the domestic PPI. The annual change lies below the individual annual rates of change for electricity and for water and gas (April and May 2008). This is the result of the higher weight of water and gas (compared with the old weights) and its contribution to driving the overall index forward month by month.

**Information on Product Prices Collected Quarterly**

To guide analysts, Stats SA will provide information on the website on product prices collected on a quarterly basis.

**P J Lehohla**  
**Statistician General: Statistics South Africa**

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**NOTES****Forthcoming issues****Issue**

June 2008  
 July 2008  
 August 2008  
 September 2008  
 October 2008  
 November 2008  
 December 2008

**Expected date of publication**

31 July 2008  
 28 August 2008  
 25 September 2008  
 30 October 2008  
 27 November 2008  
 18 December 2008  
 29 January 2009

**Purpose of the survey**

The surveys of prices of commodities in domestic output (including exports), imported commodities, and exported commodities are monthly surveys covering samples of manufacturers, importers and exporters in the South African economy. The results of the survey are used to compile the Producer Price Index (PPI) which indicates changes in Producer prices of locally produced commodities (including exports), imports and exports. These statistics are used by the private sector for contract price adjustments, and as a deflator in the compilation of national accounts.

**Rebasing**

The base year of the Producer Price Index (PPI) is still 2000 = 100. For historical rebasing see the statistical release P0142.4.

**Special Data Dissemination Standard (SDDS) of the International Monetary Fund (IMF)**

South Africa's data dissemination practices are assessed against the IMF's Special Data Dissemination Standard (SDDS). A detailed description of the SDDS can be found on the IMF's Dissemination Standards Bulletin Board on the internet at <http://dsbb.imf.org>. The SDDS prescribes two to four monitorable elements or good practice that can be observed, or monitored, by users of statistics. These include coverage, periodicity and timeliness, and access to a scheduled release calendar. The SDDS in essence sets standards for the disclosure and transparency of statistics.

South Africa subscribed to the SDDS in 2 August 1996 and posted its metadata as of 27 September 1996. South Africa has met the SDDS specifications for the coverage, periodicity and timeliness of the data, and for the dissemination of advanced release calendars since 18 September 2000.

Stats SA is responsible for compiling and disseminating data on the Producer index, national accounts, government accounts, industry-based statistics, social statistics, the producer price index, consumer price index, labour market and population statistics.

**Reports on Observance of Standards and Codes (ROSC) of the International Monetary Fund (IMF)**

The IMF has worked on producing ROSC as a step to strengthen the international financial system. The objectives of ROSC include the promotion of increased transparency, and the implementation of internationally accepted standards and codes.

The data dissemination module of the ROSC provides a summary of South Africa's practices on the coverage, periodicity and timeliness of the data categories specified in the IMF's SDDS, and on the practices on the provision of advance release calendars for the data. The ROSC is complemented by an assessment of the quality of the Producer Price Index, using the Data Quality Assessment Framework (DQAF) as developed by the IMF's Statistics Department.

The DQAF assess data quality in terms of -

- ♦ Prerequisites of quality;
- ♦ Integrity;
- ♦ Methodological soundness;
- ♦ Accuracy and reliability;
- ♦ Serviceability; and
- ♦ Accessibility

For South Africa's compliance and performance on the quality of data see <http://www.imf.org/external/np/rosc/rosc.asp>.

**Methodological notes**

Stats SA released a new re-weighted PPI in January 2008 using a revised basket of indicator products.

The new basket of indicator products for locally produced commodities, import and export commodities was compiled through use of several information sources. The information sources used to select relevant indicator products in the different industries are indicated in table A.

**Table A – Information sources used to select products in different producer industries**

<b>Main products and industries</b>	<b>Sources</b>
<b>Locally produced items</b>	
Agriculture	Stats SA, Census of Agriculture, 2005
Fishing	Fishing Industry Handbook, 2005
Forestry	Commercial Timber Resources and Roundwood Processing in South Africa, 2005
Mining and quarrying	Department of Minerals and Energy
Manufacturing	Stats SA, Large Sample Survey, 2005
Electricity	Stats SA, Department of Minerals and Energy
Gas	Stats SA, Economic Activity Survey, 2005
Water	Department of Water Affairs and Forestry
<b>Imported items</b>	South African Revenue Services
<b>Exported items</b>	South African Revenue Services

The products were classified according to the relevant Central Product Classification (CPC) and at industry level were classified using Standard Industrial Classification (SIC) subgroups. At industry level, value added was used to determine industry weights. At product level, the products in each subgroup were sorted according to their value of sales. The products contributing to the top 80% of the sales in each subgroup were selected as indicator products. These are the products for which prices will be monitored periodically by Stats SA.

The questionnaire(s) for each subgroup, which are used to collect the relevant price information from respondents, were adjusted to include the newly selected indicator products. Although the products on each questionnaire differ from the other questionnaires, their layout is identical.

For each indicator product a sample of manufacturers, importers and exporters was drawn from all the manufacturers, importers and exporters who manufacture, import or export the specific indicator product. The list of manufacturers, importers and exporters (sampling frame), from which the samples were drawn, are indicated in table B.

**Table B – Sampling frame**

<b>Main products and industries</b>	<b>Sources</b>
<b>Locally produced and sold products</b>	
Agriculture	List of fresh produce markets
Mining and quarrying	List of mines
Forestry	List obtained from Department of Water Affairs and Forestry Old sample of PPI
Fishing	Old sample of PPI List obtained from other sources
Manufacturing	List of manufacturers from Stats SA, Large Sample Survey, 2005 List of manufactures from Stats SA, Business Register List of producers from industry associations
Electricity and gas	List of producers according to Stats SA, Economic Activity Survey
Water	Old sample of PPI List obtained from Department of Water Affairs and Forestry
<b>Imported products</b>	List of importers obtained from South African Revenue Services
<b>Exported products</b>	List of exporters obtained from South African Revenue Services



Table 1 The Producer Price Index (PPI) and the annual percentage change in the PPI on a monthly basis

Base: 2000 = 100

## A) Domestic output

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	
2006	%	+5,1	+4,7	+4,7	+5,0	+5,9	+7,2	+7,9	+9,9	+9,8	+10,6	+10,9	+10,5	+7,6
	Index	134,8	134,9	135,6	136,9	138,7	142,6	145,1	148,3	147,2	148,3	149,5	149,1	142,5
2007	%	+10,8	+11,3	+12,5	+13,1	+13,2	+12,6	+11,6	+9,6	+9,3	+9,4	+9,0	+9,5	+10,9
	Index	149,3	150,2	152,5	154,9	157,0	160,5	161,9	162,5	160,9	162,3	162,9	163,3	158,1
2008	%	+10,4	+11,3	+11,9	+12,4	+16,4	..	..	..	..	..	..	..	..
	Index	164,9	167,2	170,6	174,1	182,7	..	..	..	..	..	..	..	..

## B) Exported commodities

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	
2006	Index	129,3	128,1	129,1	130,1	132,3	135,4	138,4	143,7	145,7	147,2	150,0	148,4	138,1
	%	+5,0	+3,5	+3,4	+3,3	+4,7	+6,1	+7,0	+11,1	+11,4	+12,8	+15,1	+14,4	+8,1
2007	Index	148,7	150,6	153,4	156,1	158,6	160,5	159,0	158,2	157,8	157,9	160,0	160,1	156,7
	%	+15,0	+17,6	+18,8	+20,0	+19,9	+18,5	+14,9	+10,1	+8,3	+7,3	+6,7	+7,9	+13,7
2008	Index	160,9	162,7	165,6	165,5	168,9	..	..	..	..	..	..	..	..
	%	+8,2	+8,0	+8,0	+6,0	+6,5	..	..	..	..	..	..	..	..

## C) Imported commodities

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	
2006	Index	124,1	123,9	124,5	126,2	125,8	129,5	132,3	133,0	135,4	138,0	139,2	135,9	130,6
	%	+6,4	+6,9	+6,7	+6,1	+4,7	+6,8	+8,2	+7,8	+8,2	+10,4	+11,3	+9,1	+7,7
2007	Index	137,6	135,9	136,8	139,5	140,5	141,7	144,5	145,9	146,9	148,3	149,4	151,3	143,1
	%	+10,9	+9,7	+9,9	+10,5	+11,7	+9,4	+9,2	+9,7	+8,5	+7,5	+7,3	+11,3	+9,6
2008	Index	154,5	156,3	159,0	169,1	172,8	..	..	..	..	..	..	..	..
	%	+12,3	+15,0	+16,2	+21,2	+23,0	..	..	..	..	..	..	..	..

**Table 2 Contributions to the annual percentage change in the PPI for domestic output of South African industry groups**

Group	Contribution at Apr 2008	Contribution at May 2008
Agriculture	+0,9	+0,5
Forestry	+0,2	+0,1
Mining and quarrying	+4,6	+5,0
Food at manufacturing	+1,2	+1,1
Beverages	+0,2	+0,2
Tobacco products	+0,1	+0,1
Wood and wood products	+0,2	+0,2
Paper and paper products	+0,4	+0,4
Products of petroleum and coal	+2,3	+2,4
Chemicals and chemical products	+0,7	+0,7
Rubber and plastic products	+0,3	+0,3
Non-metallic mineral products	+0,2	+0,1
Basic metals	-0,2	+3,1
Metal products	+0,4	+0,5
Non-electrical machinery and equipment	+0,3	+0,4
Electrical machinery and apparatus	+0,2	+0,1
Transport	+0,1	+0,1
Other manufactures	+0,1	+0,2
Electricity	+0,5	+0,5
Gas and water	+0,2	+0,2
All other groups	-0,5	+0,2
All groups	+12,4	+16,4

**Table 3 Contributions to the monthly percentage change in the PPI for domestic output of South African industry groups**

Group	Contribution at Apr 2008	Contribution at May 2008
Agriculture	-0,6	-0,3
Forestry	+0,1	0,0
Mining and quarrying	+1,0	+0,3
Food at manufacturing	+0,1	+0,1
Beverages	+0,1	0,0
Paper and paper products	+0,1	0,0
Products of petroleum and coal	+0,4	+0,5
Chemicals and chemical products	+0,3	0,0
Rubber and plastic products	+0,1	0,0
Basic metals	+0,1	+3,2
Metal products	+0,2	+0,2
Non-electrical machinery and equipment	0,0	+0,1
Electrical machinery and apparatus	0,0	+0,1
Other manufactures	0,0	+0,1
Electricity	+0,3	0,0
All other groups	-0,1	+0,6
All groups	+2,1	+4,9

**Table 4 Contributions to the annual percentage change in the PPI for exported commodities according to group**

Group	Contribution at Apr 2008	Contribution at May 2008
Agriculture	+0,1	+0,1
Mining and quarrying	+5,9	+6,1
Food at manufacturing	+0,2	+0,2
Beverages	+0,1	+0,1
Wood and wood products	+0,1	+0,1
Paper and paper products	+0,1	+0,1
Products of petroleum and coal	+0,9	+0,7
Basic metals	-3,5	-3,0
Metal products	+0,1	0,0
Non-electrical machinery and equipment	+0,2	+0,2
Transport	+0,1	+0,1
All other groups	+1,7	+1,8
All groups	+6,0	+6,5

**Table 5 Contributions to the monthly percentage change in the PPI for exported commodities according to group**

Group	Contribution at Apr 2008	Contribution at May 2008
Mining and quarrying	0,0	+0,1
Basic metals	-0,1	+2,2
All other groups	0,0	-0,2
All groups	-0,1	+2,1

**Table 6 Contributions to the annual percentage change in the PPI for imported commodities according to group**

Group	Contribution at Apr 2008	Contribution at May 2008
Agriculture	+0,3	+0,1
Mining and quarrying	+20,0	+21,4
Food at manufacturing	+1,0	+1,2
Paper and paper products	+0,1	+0,1
Products of petroleum and coal	+0,4	+0,3
Chemicals and chemical products	+1,5	+1,4
Non-metallic mineral products	+0,1	+0,1
Basic metals	+0,1	0,0
Metal products	+0,1	+0,1
Non-electrical machinery and equipment	+0,5	+0,5
Office, accounting and computing machinery	-0,1	-0,1
Electrical machinery and apparatus	+0,1	+0,1
Radio, television and communication equipment and apparatus	-0,1	-0,1
Medical appliances, precision and optical instruments, watches and clocks	+0,1	+0,1
Transport	+0,2	+0,3
All other groups	-3,1	-2,5
All groups	+21,2	+23,0

**Table 7 Contributions to the monthly percentage change in the PPI for imported commodities according to group**

Group	Contribution at Apr 2008	Contribution at May 2008
Agriculture	-0,1	-0,1
Mining and quarrying	+6,1	+2,2
Food at manufacturing	+0,2	+0,2
Non-electrical machinery and equipment	+0,1	0,0
Radio, television and communication equipment and apparatus	-0,1	0,0
All other groups	+0,2	-0,1
All groups	+6,4	+2,2

**Table 8 Producer Price Index for domestic output of South African industry groups**  
**Base: 2000 = 100**

Origin/Group	weight	indices			% change between	
		May 2007	Apr 2008	May 2008	Apr 2008 and May 2008	May 2007 and May 2008*
All groups	100,00	157,0	174,1	182,7	+4,9	+16,4
1. Agriculture, forestry, fishing and mining	29,36	166,6	198,4	198,7	+0,2	+19,3
1.1 Agriculture	8,22	169,2	184,2	178,7	-3,0	+5,6
1.1.1 Food	3,89	161,5	173,6	162,6	-6,3	+0,7
Grain	0,87	214,5	250,1	248,3	-0,7	+15,8
Vegetables	1,13	135,0	140,3	126,5	-9,8	-6,3
Fruits and nuts	1,43	103,9	114,9	102,3	-11,0	-1,5
Oil seeds	0,13	251,4	366,0	355,8	-2,8	+41,5
Sugar cane	0,30	154,6	178,8	175,3	-2,0	+13,4
Other food	0,04	152,2	161,7	161,7	0,0	+6,2
1.1.2 Live animals and animal products	3,68	163,8	190,8	194,2	+1,8	+18,6
Live animals	2,91	166,8	193,0	198,1	+2,6	+18,8
Milk	0,25	114,4	156,7	158,0	+0,8	+38,1
Eggs	0,35	182,3	214,7	216,2	+0,7	+18,6
Other raw animal products	0,17	.	194,1	180,8	-6,9	..
1.1.3 Other agricultural products	0,65	295,6	229,2	215,5	-6,0	-27,1
1.2 Forestry	1,48	115,2	127,2	126,1	-0,9	+9,5
1.3 Fishing	0,25	215,8	244,1	244,2	0,0	+13,2
1.4 Mining and quarrying	19,41	174,5	212,2	214,7	+1,2	+23,0
Coal and lignite	4,97	189,7	285,6	285,6	0,0	+50,6
Crude petroleum and natural gas	0,62	.	94,4	94,4	0,0	..
Metal ores	11,48	184,9	200,9	204,6	+1,8	+10,7
Other minerals	2,34	132,5	139,4	140,0	+0,4	+5,7
2. Manufacturing	62,30	157,0	169,5	183,3	+8,1	+16,8
2.1 Food at manufacturing	5,87	159,5	186,8	190,0	+1,7	+19,1
Meat and meat products	0,56	179,4	195,1	199,4	+2,2	+11,1
Prepared and preserved fish	0,18	169,0	170,3	171,9	+0,9	+1,7
Fruits and vegetable products	0,56	137,7	143,6	143,4	-0,1	+4,1
Fats and oils	0,43	159,4	246,9	265,8	+7,7	+66,8
Dairy products	0,98	164,3	197,7	197,5	-0,1	+20,2
Grain mill products and bakery products	0,84	146,2	180,7	187,0	+3,5	+27,9
Sugar	0,44	132,4	136,2	131,1	-3,7	-1,0
Coffee and tea	0,16	138,6	149,5	149,6	+0,1	+7,9
Other food products	1,72	163,6	190,2	193,9	+1,9	+18,5
2.2 Beverages	3,04	166,0	175,9	175,9	0,0	+6,0
Alcoholic beverages	1,73	174,0	185,4	185,4	0,0	+6,6
Non-alcoholic beverages	1,31	144,4	150,4	150,4	0,0	+4,2
2.3 Tobacco products	0,59	184,5	203,2	203,2	0,0	+10,1
2.4 Textile and made-up goods	1,06	127,9	132,4	133,1	+0,5	+4,1
Yarn and thread; woven and tufted textile fabrics (prepared for spinning)	0,35	126,0	134,3	137,5	+2,4	+9,1
Textile articles other than apparel	0,71	131,2	132,8	132,5	-0,2	+1,0
2.5 Wearing Apparel	1,48	123,2	125,4	125,4	0,0	+1,8
Knitted or crocheted fabrics	0,38	130,7	132,5	132,5	0,0	+1,4
Other wearing apparel	1,09	121,3	123,7	123,7	0,0	+2,0
2.6 Leather and leather products	0,32	111,0	109,5	109,1	-0,4	-1,7
2.7 Footwear	0,27	132,6	135,2	135,2	0,0	+2,0
2.8 Wood and wood products	1,40	162,8	184,5	184,9	+0,2	+13,6
2.9 Paper and paper products	4,96	143,9	155,1	156,6	+1,0	+8,8
Pulp, paper and paperboard	3,20	131,8	138,2	140,6	+1,7	+6,7
Printing, publishing and allied industries	1,77	153,0	171,0	170,6	-0,2	+11,5
2.10 Products of petroleum and coal	4,98	224,4	284,3	300,4	+5,7	+33,9

\* Annual rate not comparable with annual rates of subcomponents, because the PPI will become strictly comparable on a year-on-year basis only from the February 2009 release.

**Table 8 - Producer Price Index for Domestic output of South African industry groups (concluded)**  
**Base: 2000 = 100**

Origin/Group	weight	indices			% change between	
		May 2007	Apr 2008	May 2008	Apr 2008 and May 2008	May 2007 and May 2008*
<b>2.11 Chemicals and chemical products</b>	6,74	144,1	159,2	161,4	+1,4	+12,0
<b>2.11.1 Basic Chemicals</b>	3,81	149,7	172,0	176,7	+2,7	+18,0
Basic organic chemicals	0,73	.	244,2	243,0	-0,5	..
Basic inorganic chemicals	1,92	.	132,2	135,9	+2,8	..
Fertilisers and pesticides	0,41	172,2	298,8	300,6	+0,6	+74,6
Other basic chemicals	0,75	144,2	151,0	163,1	+8,0	+13,1
<b>2.11.2 Compound chemical products</b>	2,93	138,9	146,4	145,7	-0,5	+4,9
Paints, vanishers and related products; artists' colours; ink	1,49	.	184,2	181,7	-1,4	..
Pharmaceutical products	0,36	128,6	129,6	129,7	+0,1	+0,9
Soap, cleaning preparations, perfumes and toilet preparations	0,63	.	143,0	143,3	+0,2	..
Other compound chemical products	0,45	141,9	148,6	153,6	+3,4	+8,2
<b>2.12 Rubber and plastic products</b>	2,59	150,4	167,6	169,1	+0,9	+12,4
Rubber products	1,13	183,5	197,4	196,9	-0,3	+7,3
Plastic products	1,46	135,8	154,8	157,6	+1,8	+16,1
<b>2.13 Non-metallic mineral products</b>	1,97	165,3	176,2	175,2	-0,6	+6,0
Glass and glass products	0,04	143,6	143,8	143,8	0,0	+0,1
Other non-metallic minerals products n.e.c.	1,93	172,7	187,0	185,9	-0,6	+7,6
<b>2.14 Basic Metals</b>	6,66	197,7	186,2	270,5	+45,3	+36,8
Basic iron and steel	4,12	191,8	206,1	337,4	+63,7	+75,9
Rolled, drawn and folded products	2,54	.	164,4	173,8	+5,7	..
<b>2.15 Metal products</b>	3,34	159,5	173,7	183,6	+5,7	+15,1
Structural metal products and parts thereof	1,27	169,3	180,1	195,5	+8,6	+15,5
Other fabricated metal products	2,07	153,3	169,4	176,2	+4,0	+14,9
<b>2.16 Non-electrical machinery and equipment</b>	2,35	136,1	152,4	161,2	+5,8	+18,4
General purpose machinery	1,99	127,3	145,2	154,0	+6,1	+21,0
Special purpose machinery	0,24	139,8	145,6	151,1	+3,8	+8,1
Domestic appliances and parts thereof	0,12	132,6	132,9	134,4	+1,1	+1,4
<b>2.17 Office, accounting and computing machinery</b>	0,20	100,1	100,4	100,4	0,0	+0,3
<b>2.18 Electrical machinery and apparatus</b>	1,93	205,5	208,5	216,1	+3,6	+5,2
Electric motors, generators and transformers, and parts thereof	0,07	236,2	241,3	258,9	+7,3	+9,6
Electricity distribution and control apparatus, and parts thereof	0,87	146,5	148,4	150,3	+1,3	+2,6
Insulated wire and cable; optical fibre cables	0,72	292,2	292,4	308,0	+5,3	+5,4
Other electrical machinery and apparatus	0,26	136,9	143,7	145,0	+0,9	+5,9
<b>2.19 Radio, television and communication equipments and parts thereof</b>	0,48	130,2	127,5	127,9	+0,3	-1,8
<b>2.20 Medical appliances, precision and optical instruments, watches and clocks</b>	0,29	136,0	139,9	139,9	0,0	+2,9
<b>2.21 Transport</b>	5,83	132,9	134,0	135,2	+0,9	+1,7
<b>2.21.1 Motor vehicles, parts and accessories thereof</b>	2,12	133,8	135,9	138,7	+2,1	+3,7
Motor vehicles	2,11	131,0	133,0	135,7	+2,0	+3,6
Parts and accessories for motor vehicles	0,01	142,0	158,6	158,6	0,0	+11,7
<b>2.21.2 Bodies (coachwork) for motor vehicles, trailers and semi-trailers; parts</b>	0,09	116,8	120,3	120,3	0,0	+3,0
Bodies for motor vehicles	0,03	.	156,9	156,9	0,0	..
Trailers, semi-trailer and containers	0,04	.	113,9	113,9	0,0	..
Parts for motor vehicles bodies, trailers, semi-trailers and containers	0,01	.	144,5	144,5	0,0	..
<b>2.21.3 Other transport equipment</b>	3,62	106,8	106,1	106,1	0,0	-0,7
<b>2.22 Furniture</b>	1,01	132,6	134,3	135,5	+0,9	+2,2
<b>2.23 Other manufactures</b>	4,95	124,9	128,4	131,6	+2,5	+5,4
<b>3. Electricity, gas, steam and water</b>	8,33	115,6	125,4	125,6	+0,2	+8,7
Electricity	6,86	109,9	119,9	120,2	+0,3	+9,4
Water and gas	1,47	186,9	208,7	208,7	0,0	+11,7

\* Annual rates not comparable with annual rates of subcomponents, because the PPI will become strictly comparable on a year-on-year basis only from the February 2009 release.

**Table 9 Producer Price Index for exported commodities according to group**  
**Base: 2000 = 100**

Origin/Group	weight	indices			% change between	
		May 2007	Apr 2008	May 2008	Apr 2008 and May 2008	May 2007 and May 2008*
All groups	100,00	158,6	165,5	168,9	+2,1	+6,5
1. Agriculture, forestry, fishing and mining	30,34	159,6	190,5	190,8	+0,2	+19,5
1.1 Agriculture	1,62	146,2	153,3	156,1	+1,8	+6,8
1.1.1 Food	1,50	144,0	151,2	154,2	+2,0	+7,1
Grain	0,19	234,1	238,9	238,9	0,0	+2,1
Vegetables	0,31	100,0	100,0	100,0	0,0	0,0
Fruits and nuts	0,95	63,1	65,5	68,5	+4,6	+8,6
Oil seeds	0,03	0,0	100,0	100,0	0,0	..
Sugar cane	0,02	0,0	100,0	100,0	0,0	..
1.1.2 Live animals and animal products	0,04	181,6	190,6	190,6	0,0	+5,0
Live animals	0,01	78,7	100,0	100,0	0,0	+27,1
Other raw animal products	0,03	..	202,4	202,4	0,0	..
1.1.3 Other agricultural products	0,08	174,0	158,8	160,8	+1,3	-7,6
1.2 Forestry	0,09	100,0	100,0	100,0	0,0	0,0
1.3 Fishing	0,06	209,8	232,7	230,5	-0,9	+9,9
1.4 Mining and quarrying	28,57	161,5	195,2	195,5	+0,2	+21,1
Coal and lignite	6,22	216,0	266,4	271,9	+2,1	+25,9
Metal ores	19,82	147,8	181,2	179,9	-0,7	+21,7
Other minerals	2,53	128,6	133,5	134,4	+0,7	+4,5
2. Manufacturing	69,66	158,2	154,2	159,1	+3,2	+0,6
2.1 Food at manufacturing	2,20	130,4	147,2	143,6	-2,4	+10,1
Meat and meat products	0,09	116,2	122,0	122,0	0,0	+5,0
Prepared and preserved fish	0,24	136,4	138,1	138,1	0,0	+1,2
Fruits and vegetable products	0,63	123,4	128,5	128,2	-0,2	+3,9
Fats and oils	0,09	150,3	199,4	199,4	0,0	+32,7
Dairy products	0,03	138,1	143,1	143,1	0,0	+3,6
Grain mill products and bakery products	0,07	137,6	185,8	181,8	-2,2	+32,1
Sugar	0,78	127,9	138,9	133,2	-4,1	+4,1
Other food products	0,27	143,9	163,3	164,3	+0,6	+14,2
2.2 Beverages	1,55	120,5	128,0	128,0	0,0	+6,2
Alcoholic beverages	1,39	121,5	128,9	128,9	0,0	+6,1
Non-alcoholic beverages	0,16	109,1	117,6	117,6	0,0	+7,8
2.3 Tobacco products	0,19	118,4	118,4	118,4	0,0	0,0
2.4 Textile and made-up goods	0,56	167,1	175,3	175,3	0,0	+4,9
Yarn and thread; woven and tufted textile fabrics (prepared for spinning)	0,03	189,5	201,6	201,6	0,0	+6,4
Textile articles other than apparel	0,53	115,1	118,0	118,0	0,0	+2,5
2.5 Wearing Apparel	0,19	108,5	108,5	108,5	0,0	0,0
Knitted or crocheted fabrics	0,14	118,3	118,3	118,3	0,0	0,0
Other wearing apparel	0,06	106,0	106,0	106,0	0,0	0,0
2.6 Leather and leather products	0,29	101,9	98,3	98,3	0,0	-3,5
2.7 Footwear	0,04	158,4	166,7	166,7	0,0	+5,2
2.8 Wood and wood products	0,83	163,0	181,9	181,9	0,0	+11,6
2.9 Paper and paper products	1,80	126,0	134,2	134,2	0,0	+6,5
Pulp, paper and paperboard	1,52	128,3	137,7	137,6	-0,1	+7,2
Printing, publishing and allied industries	0,28	110,9	113,4	113,4	0,0	+2,3
2.10 Products of petroleum and coal	2,37	210,2	257,3	257,3	0,0	+22,4

\* Annual rates not comparable with annual rates of subcomponents, because the PPI will become strictly comparable on a year-on-year basis only from the February 2009 release.

**Table 9 - Producer Price Index for exported commodities according to group (concluded)**  
**Base: 2000 = 100**

	weight	indices			% change between	
		May 2007	Apr 2008	May 2008	Apr 2008 and May 2008	May 2007 and May 2008*
<b>2.11 Chemicals and chemical products</b>	5,14	130,4	131,1	131,6	+0,4	+0,9
<b>2.11.1 Basic Chemicals</b>	3,94	136,4	136,8	136,8	0,0	+0,3
Basic organic chemicals	0,81	.	257,4	257,4	0,0	..
Basic inorganic chemicals	2,10	.	130,7	130,7	0,0	..
Other basic chemicals	1,03	136,3	136,8	136,8	0,0	+0,4
<b>2.11.2 Compound chemical products</b>	1,21	114,9	116,8	118,8	+1,7	+3,4
Paints, vanishers and related products; artists' colours; ink	0,03	.	173,9	173,9	0,0	..
Soap, cleaning preparations, perfumes and toilet preparations	0,76	.	137,7	141,0	+2,4	..
Other compound chemical products	0,41	113,8	114,6	114,6	0,0	+0,7
<b>2.12 Rubber and plastic products</b>	0,90	135,2	142,8	142,8	0,0	+5,6
Rubber products	0,50	166,0	176,0	176,0	0,0	+6,0
Plastic products	0,40	103,4	108,4	108,4	0,0	+4,8
<b>2.13 Non-metallic mineral products</b>	0,67	128,3	135,0	137,8	+2,1	+7,4
<b>2.14 Basic Metals</b>	33,23	208,0	182,9	193,9	+6,0	-6,8
Basic iron and steel	7,33	192,4	217,7	244,2	+12,2	+26,9
Rolled, drawn and folded products	4,32	162,3	106,3	107,3	+0,9	-33,9
Other non-ferrous basic metals and articles	21,58	221,7	168,0	177,8	+5,8	-19,8
<b>2.15 Metal products</b>	1,31	164,3	162,7	165,5	+1,7	+0,7
Structural metal products and parts thereof	0,54	173,9	176,0	180,5	+2,6	+3,8
Other fabricated metal products	0,77	154,3	148,8	150,2	+0,9	-2,7
<b>2.16 Non-electrical machinery and equipment</b>	5,73	130,9	134,3	135,5	+0,9	+3,5
General purpose machinery	2,35	122,4	124,9	125,7	+0,6	+2,7
Special purpose machinery	1,61	137,8	140,4	141,8	+1,0	+2,9
Domestic appliances and parts thereof	1,76	125,9	132,7	134,3	+1,2	+6,7
<b>2.17 Office, accounting and computing machinery</b>	0,23	99,7	99,7	99,7	0,0	0,0
<b>2.18 Electrical machinery and apparatus</b>	0,83	137,3	137,9	140,0	+1,5	+2,0
Electric motors, generators and transformers, and parts thereof	0,10	171,8	169,0	169,0	0,0	-1,6
Electricity distribution and control apparatus, and parts thereof	0,15	138,9	141,4	141,4	0,0	+1,8
Insulated wire and cable; optical fibre cables	0,25	169,7	173,9	176,9	+1,7	+4,2
Other electrical machinery and apparatus	0,34	118,6	118,5	121,6	+2,6	+2,5
<b>2.19 Radio, television and communication equipments and parts thereof</b>	1,14	101,0	100,0	100,0	0,0	-1,0
<b>2.20 Medical appliances, precision and optical instruments, watches and clocks</b>	0,54	138,2	136,9	136,9	0,0	-0,9
<b>2.21 Transport</b>	7,33	116,9	118,5	118,8	+0,3	+1,6
<b>2.21.1 Motor vehicles, parts and accessories thereof</b>	1,63	120,0	122,9	122,9	0,0	+2,4
Motor vehicles	1,28	103,5	104,3	104,3	0,0	+0,8
Parts and accessories for motor vehicles	0,35	146,4	153,0	153,0	0,0	+4,5
<b>2.21.2 Bodies (coachwork) for motor vehicles, trailers and semi-trailers; parts</b>	1,68	101,1	130,9	130,9	0,0	+29,5
Trailers, semi-trailer and containers	0,71	.	101,0	101,0	0,0	..
Parts for motor vehicles bodies, trailers, semi-trailers and containers	0,97	.	150,5	150,5	0,0	..
<b>2.21.3 Other transport equipment</b>	4,03	104,9	105,3	105,7	+0,4	+0,8
<b>2.22 Furniture</b>	1,04	100,6	100,5	100,5	0,0	-0,1
<b>2.23 Other manufactures</b>	1,53	102,5	103,1	104,1	+1,0	+1,6

\* Annual rates not comparable with annual rates of subcomponents, because the PPI will become strictly comparable on a year-on-year basis only from the February 2009 release.



**Table 10 - Producer Price Index for imported commodities according to group**  
**Base: 2000 = 100**

	weight	indices			% change between	
		May 2007	Apr 2008	May 2008	Apr 2008 and May 2008	May 2007 and May 2008*
<b>All groups</b>	100,00	140,5	169,1	172,8	+2,2	+23,0
<b>1. Agriculture, forestry, fishing and mining</b>	16,75	208,9	360,3	380,7	+5,7	+82,2
<b>1.1 Agriculture</b>	0,93	127,4	166,2	149,2	-10,2	+17,1
<b>1.1.1 Food</b>	0,53	135,9	178,9	152,7	-14,6	+12,4
<b>Grain</b>	0,40	135,2	181,1	147,3	-18,7	+8,9
<b>Vegetables</b>	0,01	0,0	103,1	103,1	0,0	..
<b>Fruits and nuts</b>	0,03	145,9	155,9	155,6	-0,2	+6,6
<b>Oil seeds</b>	0,03	0,0	100,0	100,0	0,0	..
<b>Other food</b>	0,06	142,6	206,6	216,1	+4,6	+51,5
<b>1.1.2 Live animals and animal products</b>	0,06	121,8	122,9	122,9	0,0	+0,9
<b>Live animals</b>	0,02	104,2	105,8	105,8	0,0	+1,5
<b>Other raw animal products</b>	0,04	..	175,0	175,0	0,0	..
<b>1.1.3 Other agricultural products</b>	0,33	104,9	126,3	126,7	+0,3	+20,8
<b>1.2 Forestry</b>	0,01	100,0	100,0	100,0	0,0	0,0
<b>1.3 Fishing</b>	0,08	101,3	101,3	101,3	0,0	0,0
<b>1.4 Mining and quarrying</b>	15,73	227,7	395,1	418,9	+6,0	+84,0
<b>Coal and lignite</b>	0,02	100,8	103,2	103,2	0,0	+2,4
<b>Crude petroleum and natural gas</b>	12,84	..	449,0	477,8	+6,4	..
<b>Metal ores</b>	0,76	96,2	96,2	96,2	0,0	0,0
<b>Other minerals</b>	2,11	232,1	321,5	322,0	+0,2	+38,7
<b>2. Manufacturing</b>	83,25	130,1	137,5	137,8	+0,2	+5,9
<b>2.1 Food at manufacturing</b>	3,24	142,1	184,4	192,5	+4,4	+35,5
<b>Meat and meat products</b>	0,70	168,3	176,2	183,1	+3,9	+8,8
<b>Prepared and preserved fish</b>	0,07	120,0	121,1	121,1	0,0	+0,9
<b>Fruits and vegetable products</b>	0,06	133,8	137,5	137,5	0,0	+2,8
<b>Fats and oils</b>	0,96	144,0	231,6	235,2	+1,6	+63,3
<b>Dairy products</b>	0,13	145,5	169,6	169,8	+0,1	+16,7
<b>Grain mill products and bakery products</b>	0,72	143,2	198,1	223,6	+12,9	+56,1
<b>Sugar</b>	0,05	148,5	188,0	192,5	+2,4	+29,6
<b>Coffee and tea</b>	0,02	130,0	139,7	139,7	0,0	+7,5
<b>Other food products</b>	0,52	121,5	131,6	133,3	+1,3	+9,7
<b>2.2 Beverages</b>	0,58	148,8	152,9	152,9	0,0	+2,8
<b>Alcoholic beverages</b>	0,36	150,3	156,0	156,0	0,0	+3,8
<b>Non-alcoholic beverages</b>	0,23	108,1	109,6	109,6	0,0	+1,4
<b>2.3 Tobacco products</b>	0,05	122,3	122,5	122,5	0,0	+0,2
<b>2.4 Textile and made-up goods</b>	1,35	114,7	117,4	117,5	+0,1	+2,4
<b>Yarn and thread; woven and tufted textile fabrics (prepared for spinning)</b>	0,95	108,6	110,5	110,8	+0,3	+2,0
<b>Textile articles other than apparel</b>	0,40	125,0	129,0	128,9	-0,1	+3,1
<b>2.5 Wearing Apparel</b>	0,76	119,1	120,4	120,4	0,0	+1,1
<b>Knitted or crocheted fabrics</b>	0,46	118,7	120,1	120,1	0,0	+1,2
<b>Other wearing apparel</b>	0,30	119,5	120,4	120,4	0,0	+0,8
<b>2.6 Leather and leather products</b>	0,41	124,7	132,2	132,2	0,0	+6,0
<b>2.7 Footwear</b>	0,67	116,6	118,0	118,1	+0,1	+1,3
<b>2.8 Wood and wood products</b>	0,63	135,2	142,7	144,3	+1,1	+6,7
<b>2.9 Paper and paper products</b>	1,87	126,6	131,1	131,9	+0,6	+4,2
<b>Pulp, paper and paperboard</b>	1,32	127,3	133,3	134,3	+0,8	+5,5
<b>Printing, publishing and allied industries</b>	0,55	126,0	126,7	127,3	+0,5	+1,0
<b>2.10 Products of petroleum and coal</b>	2,20	119,0	136,4	136,4	0,0	+14,6

\* Annual rates not comparable with annual rates of subcomponents, because the PPI will become strictly comparable on a year-on-year basis only from the February 2009 release.

**Table 10 - Producer Price Index for imported commodities according to group (concluded)**  
**Base: 2000 = 100**

Origin/Group	weight	indices			% change between	
		May 2007	Apr 2008	May 2008	Apr 2008 and May 2008	May 2007 and May 2008*
<b>2.11 Chemicals and chemical products</b>	10,65	143,8	162,5	162,2	-0,2	+12,8
<b>2.11.1 Basic Chemicals</b>	6,29	159,4	183,1	182,6	-0,3	+14,6
Basic organic chemicals	3,26	.	181,1	180,3	-0,4	..
Basic inorganic chemicals	0,88	.	121,3	121,3	0,0	..
Fertilisers and pesticides	0,82	166,4	209,9	209,9	0,0	+26,1
Other basic chemicals	1,33	158,9	183,6	183,7	+0,1	+15,6
<b>2.11.2 Compound chemical products</b>	4,36	128,5	142,3	142,1	-0,1	+10,6
Paints, vanishers and related products; artists' colours; ink	0,34	.	137,0	134,8	-1,6	..
Pharmaceutical products	0,89	136,2	136,3	136,3	0,0	+0,1
Soap, cleaning preparations, perfumes and toilet preparations	0,53	.	132,2	133,1	+0,7	..
Other compound chemical products	2,60	123,5	145,8	145,8	0,0	+18,1
<b>2.12 Rubber and plastic products</b>	2,44	119,2	120,6	120,8	+0,2	+1,3
Rubber products	0,96	118,4	121,3	121,8	+0,4	+2,9
Plastic products	1,48	119,8	120,1	120,1	0,0	+0,3
<b>2.13 Non-metallic mineral products</b>	1,57	129,9	135,0	136,1	+0,8	+4,8
Glass and glass products	0,03	113,2	116,1	119,9	+3,3	+5,9
Other non-metallic minerals products n.e.c.	1,54	137,1	143,7	144,8	+0,8	+5,6
<b>2.14 Basic Metals**</b>	3,70	187,9	189,2	188,4	-0,4	+0,3
Basic iron and steel	0,77	161,9	160,2	160,2	0,0	-1,1
Rolled, drawn and folded products	1,24	154,6	166,4	167,7	+0,8	+8,5
Other non-ferrous basic metals and articles	1,69	211,3	213,3	210,8	-1,2	-0,2
<b>2.15 Metal products</b>	2,06	131,3	136,9	137,0	+0,1	+4,3
Structural metal products and parts thereof	0,09	109,5	109,4	109,4	0,0	-0,1
Other fabricated metal products	1,97	133,2	139,3	139,4	+0,1	+4,7
<b>2.16 Non-electrical machinery and equipment</b>	14,01	128,1	133,3	133,5	+0,2	+4,2
General purpose machinery	7,98	136,6	143,6	143,8	+0,1	+5,3
Special purpose machinery	4,64	122,0	124,9	125,0	+0,1	+2,5
Domestic appliances and parts thereof	1,40	128,5	137,8	139,1	+0,9	+8,2
<b>2.17 Office, accounting and computing machinery</b>	5,42	75,5	73,9	73,6	-0,4	-2,5
<b>2.18 Electrical machinery and apparatus</b>	2,95	124,5	127,9	128,0	+0,1	+2,8
Electric motors, generators and transformers, and parts thereof	0,58	103,0	103,1	103,1	0,0	+0,1
Electricity distribution and control apparatus, and parts thereof	0,75	126,9	129,3	129,3	0,0	+1,9
Insulated wire and cable; optical fibre cables	0,28	189,7	198,4	200,0	+0,8	+5,4
Other electrical machinery and apparatus	1,34	123,2	128,8	128,8	0,0	+4,5
<b>2.19 Radio, television and communication equipments and parts thereof</b>	9,81	98,9	97,5	98,0	+0,5	-0,9
<b>2.20 Medical appliances, precision and optical instruments, watches and clocks</b>	3,34	120,3	124,5	122,6	-1,5	+1,9
Medical and surgical equipment and orthopaedic appliances	3,16	120,1	124,2	122,1	-1,7	+1,7
Watches and clocks, and parts thereof	0,18	121,5	128,1	130,0	+1,5	+7,0
<b>2.21 Transport</b>	13,45	143,1	146,2	145,9	-0,2	+2,0
<b>2.21.1 Motor vehicles, parts and accessories thereof</b>	2,83	147,1	149,4	147,7	-1,1	+0,4
Motor vehicles	2,73	103,0	103,5	102,2	-1,3	-0,8
Parts and accessories for motor vehicles	0,11	156,0	158,6	158,6	0,0	+1,7
<b>2.21.2 Bodies (coachwork) for motor vehicles, trailers and semi-trailers; parts</b>	1,63	154,6	157,5	157,5	0,0	+1,9
Trailers, semi-trailer and containers	0,70	.	116,7	116,7	0,0	..
Parts for motor vehicles bodies, trailers, semi-trailers and containers	0,93	.	157,7	157,7	0,0	..
<b>2.21.3 Other transport equipment</b>	8,99	112,0	111,6	111,5	-0,1	-0,4
<b>2.22 Furniture</b>	0,64	107,7	107,4	107,4	0,0	-0,3
<b>2.23 Other manufactures</b>	1,44	115,4	118,2	118,4	+0,2	+2,6

\* Annual rates not comparable with annual rates of subcomponents, because the PPI will become strictly comparable on a year-on-year basis only from the February 2009 release.

\*\* Please note that the product mix of imported basic iron and steel products is different from that of Domestic output resulting in different price behaviour. This may apply to other product groups as well.

Table 11 - Producer Price Index for materials used in certain industries

Base 2000=100

Industry		indices			% change between	
		May 2007	Apr 2008	May 2008	Apr 2008 and May 2008	May 2007 and May 2008
Building and construction		178,3	197,7	204,1	+3,2	+14,4
	Building industries	181,0	196,5	202,9	+3,2	+12,0
	Civil engineering	176,4	191,0	199,0	+4,1	+12,8
Electrical engineering		171,6	182,7	187,6	+2,6	+9,3
Mechanical engineering		165,8	175,5	190,0	+8,2	+14,5

Table 12 - Producer Price Index for selected materials

Base : 2000 = 100

Type of materials	indices			% change between		
	May 2007	Apr 2008	May 2008	Apr 2008 and May 2008	May 2007 and May 2008	
Aggregated crushed stone	218,7	231,6	244,6	+5,6	+11,8	
Aluminium	Anodising	136,0	159,2	159,2	0,0	+17,0
	Basic forms	174,5	182,4	182,4	0,0	+4,5
	Extruded products	218,8	247,6	256,7	+3,6	+17,3
	Sheeting	218,4	270,0	283,6	+5,0	+29,8
Aluminium lever furniture	165,6	174,2	174,2	0,0	+5,1	
Angles, mild steel	181,4	194,2	262,2	+35,0	+44,5	
Bead wire	117,7	172,2	172,2	0,0	+46,3	
Bearings, ball and roller	167,2	204,1	215,6	+5,6	+28,9	
Billets, mild steel	214,6	227,1	273,8	+20,5	+27,5	
Bitumen	239,9	341,6	349,7	+2,3	+45,7	
Bitumen and Acrylic Emulsion	144,0	179,3	192,3	+7,2	+33,5	
Boxes, corrugated cardboard	130,7	148,9	148,9	0,0	+13,9	
Bricks - Face	200,0	225,7	222,5	-1,4	+11,2	
Bricks - Stock	223,9	242,9	242,9	0,0	+8,4	
Building boards	137,9	149,3	149,3	0,0	+8,2	
Ceiling materials	193,6	203,4	203,4	0,0	+5,0	
Cement Retail price	190,2	203,8	205,9	+1,0	+8,2	
Cement building blocks	226,4	234,8	236,9	+0,8	+4,6	
Ceramic and encaustic wall and floor tiles and mosaics	111,5	109,6	112,2	+2,3	+0,6	
Civil engineering plant	150,3	161,4	168,3	+4,2	+11,9	
Coal, bituminous	163,4	278,9	278,9	0,0	+70,6	
Coal, bituminous - for local sales		255,6	316,2	318,9	+0,8	+24,7
	Anthracite - for local sales Grade A	100,7	100,7	100,7	0,0	0,0
	Anthracite - for local sales Grade SP	100,9	100,9	100,9	0,0	0,0
	Cobbles, grade A	181,0	277,1	318,6	+14,9	+76,0
	Cobbles, grade B	145,7	222,8	256,2	+14,9	+75,8
	Large nuts, grade A	152,4	152,3	152,3	0,0	-0,0
	Large nuts, grade B	232,9	290,1	285,3	-1,6	+22,4
	Peas, grade A	288,3	422,9	428,3	+1,2	+48,5
	Peas, grade B	284,5	396,7	397,3	+0,1	+39,6
	Small nuts, grade A	248,3	491,4	470,4	-4,2	+89,4
	Small nuts, grade B	352,9	425,6	416,9	-2,0	+18,1
Coast						
	Petrol, 93 octane	257,8	365,4	396,9	+8,6	+53,9
Coated profiled GMS sheeting (roofing)		223,5	223,1	223,1	0,0	-0,1
Concrete pipes		146,5	151,3	160,0	+5,7	+9,2
Concrete roof tiles		174,9	204,1	204,1	0,0	+16,6
Construction machinery (excluding trucks)		122,6	127,0	132,1	+4,0	+7,7
Containers, glass		154,6	156,7	156,7	0,0	+1,3
Copper Piping		294,7	373,5	394,6	+5,6	+33,8
Copper, basic forms		341,7	406,0	415,1	+2,2	+21,4
Coumarone indene resin (imported)		145,7	145,7	145,7	0,0	0,0
Craft paper		136,8	135,3	135,3	0,0	-1,0
Cylinder lock set		183,0	192,2	192,2	0,0	+5,0
Diesel at wholesale level	Coast	242,7	369,5	397,9	+7,6	+63,9
	Witwatersrand	246,1	372,6	400,4	+7,4	+62,6
Diesel oil	Coast and Witwatersrand	240,3	424,9	471,0	+10,8	+96,0
	Retail Metropolitan and other urban areas	324,4	477,8	512,2	+7,1	+57,8
	Retail Metropolitan areas	254,1	381,8	405,2	+6,1	+59,4
		124,1	127,0	126,0	-0,7	+1,5
Drainage		149,7	149,7	149,7	0,0	0,0
Drop in ceiling tiles-gypsum		168,0	173,9	190,3	+9,4	+13,2
Drop-in ceiling tiles - masonite		191,1	194,3	201,0	+3,4	+5,1
Electrical contracting materials		172,4	187,3	187,3	0,0	+8,6
Enamel paints		185,0	181,3	181,3	0,0	-2,0
Extruded aluminium distributor level		218,8	248,0	257,1	+3,6	+17,5
Extruded aluminium section		177,7	197,8	197,8	0,0	+11,3
Fibre cement roof sheet		164,5	176,0	176,0	0,0	+6,9
Fibrous insulation	Batten board	134,7	141,7	141,7	0,0	+5,1
	Ceiling insulation					

Type of materials	indices			% change between		
	May 2007	Apr 2008	May 2008	Apr 2008 and May 2008	May 2007 and May 2008	
	<b>Mattresses</b>	166,2	182,0	182,0	0,0	+9,5
	<b>Preformed pipe sections</b>	149,3	162,8	162,8	0,0	+9,0
<b>Flush doors</b>		195,2	260,6	260,6	0,0	+33,5
<b>Foam insulation materials</b>		211,3	200,6	200,6	0,0	-5,0
	<b>Polyurethane</b>	211,3	200,6	200,6	0,0	-5,0
<b>Glass for the building industry cut to size</b>		200,9	237,3	237,3	0,0	+18,1
<b>Glass, for building industry</b>		101,6	108,9	108,9	0,0	+7,1
<b>Gypsum board</b>		170,3	170,3	170,3	0,0	0,0
<b>Hinges</b>		151,3	155,4	166,2	+6,9	+9,8
<b>Imported Meranti</b>		101,3	122,2	122,2	0,0	+20,6
<b>Insulator, porcelain</b>		146,1	172,0	172,0	0,0	+17,7
<b>Ironmongery</b>		136,3	147,5	154,8	+4,9	+13,5
<b>Joint Sealants</b>		132,9	164,3	164,3	0,0	+23,6
<b>Leather, bovine hide</b>		129,2	142,9	137,3	-3,9	+6,2
<b>Lever locks</b>		173,4	176,9	176,9	0,0	+2,0
<b>Mining machinery</b>		137,3	140,0	155,6	+11,1	+13,3
<b>Modified Bitumen sheeting</b>		148,5	180,6	193,7	+7,2	+30,4
<b>Natural stone, cut and sawn</b>		117,4	127,7	128,9	+0,9	+9,7
<b>Ordinary and extended cement</b>		218,7	239,3	236,9	-1,0	+8,3
<b>PVC Pipes</b>		147,7	147,7	147,7	0,0	0,0
<b>Paints</b>		165,7	185,7	185,6	-0,0	+12,0
<b>Paper, newsprint</b>		165,4	165,4	165,4	0,0	0,0
<b>Partitioning materials</b>		193,6	203,4	203,4	0,0	+5,0
<b>Petro-chemical building materials</b>		161,1	184,6	186,2	+0,8	+15,5
<b>Plastic bottles</b>		161,5	194,8	194,8	0,0	+20,6
<b>Plastic, bulk forms</b>		164,3	191,3	193,7	+1,2	+17,8
<b>Plate, mild steel</b>		223,5	223,1	223,1	0,0	-0,1
<b>Plumbing</b>		143,3	153,7	152,8	-0,5	+6,6
<b>Polybutadiene</b>		210,7	243,0	243,0	0,0	+15,3
<b>Processing oil</b>		116,5	169,2	169,2	0,0	+45,2
<b>Profiled aluminium roofing</b>		190,2	208,8	208,8	0,0	+9,7
<b>Profiled aluminium roofing - distributor level</b>		174,5	171,6	180,5	+5,1	+3,4
<b>Reinforcing steel</b>		227,4	350,1	384,2	+9,7	+68,9
<b>Resilient floor coverings</b>		169,0	189,3	189,0	-0,1	+11,8
<b>Rubber crude</b>		136,1	142,5	150,1	+5,3	+10,2
	<b>Rubber crude Synthetic</b>	171,9	186,1	186,1	0,0	+8,2
	<b>Rubber crude Synthetic Local</b>	171,9	186,1	186,1	0,0	+8,2
<b>Rubber industry's indices</b>		169,3	217,9	217,9	0,0	+28,7
	<b>Carbon black - N660</b>	154,6	197,5	197,5	0,0	+27,7
	<b>Natural rubber imported</b>	218,7	268,8	275,9	+2,6	+26,1
<b>SA Pine, kiln dried</b>		224,5	240,8	240,8	0,0	+7,2
<b>Sand</b>		140,6	145,0	146,0	+0,6	+3,8
<b>Self-Adhesive sheeting</b>		138,6	149,5	149,5	0,0	+7,8
<b>Sementitious paints</b>		184,6	190,4	190,4	0,0	+3,1
<b>Sheet, galvanized</b>		223,5	223,1	223,1	0,0	-0,1
<b>Sheet, uncoated</b>		231,2	231,2	258,9	+11,9	+11,9
<b>Small steel sections</b>		116,0	113,4	172,8	+52,3	+48,9
<b>Stainless steel products, flat rolled</b>		270,0	214,9	219,4	+2,0	-18,7
<b>Steel tubes, pipes and fittings</b>		129,0	120,3	131,0	+8,8	+1,5
<b>Structural steel products</b>		206,1	224,3	283,8	+26,5	+37,7
<b>Structural steel, unworked</b>		226,4	235,8	303,8	+28,8	+34,1
<b>Sulphuric acid</b>		111,2	190,6	190,6	0,0	+71,4
<b>Synthetic rubber</b>	<b>1502</b>	210,0	238,1	238,1	0,0	+13,3
	<b>1712</b>	200,2	222,2	222,2	0,0	+10,9
<b>Tar</b>		185,8	246,1	251,2	+2,0	+35,1
<b>Tile adhesives</b>		165,9	190,4	190,4	0,0	+14,7
<b>Tinplate</b>		162,0	162,0	179,8	+10,9	+10,9
<b>Transformer oil</b>		226,5	244,7	245,3	+0,2	+8,3
<b>Trucks</b>		136,9	141,4	146,4	+3,5	+6,9
<b>Trucks and buses</b>		133,9	137,4	142,2	+3,4	+6,1
<b>Tyres and tubes</b>		183,7	198,8	199,3	+0,2	+8,4
<b>Vinyl sheeting flooring</b>		149,5	164,8	164,8	0,0	+10,2
<b>Vinyl tiles flooring</b>		163,9	173,9	173,9	0,0	+6,1
<b>Wash and basin</b>		145,2	137,0	137,0	0,0	-5,6
<b>Water-closet system (WC's)</b>		130,5	137,2	137,2	0,0	+5,1

Type of materials		indices			% change between	
		May 2007	Apr 2008	May 2008	Apr 2008 and May 2008	May 2007 and May 2008
Waterproofing		162,4	181,0	181,1	+0,0	+11,5
White glazed ceramic tiles		148,0	192,2	209,0	+8,7	+41,2
Witwatersrand	Petrol, 93 octane	257,8	365,4	396,9	+8,6	+53,9
Wood products, excluding mine wood		160,8	178,5	179,2	+0,3	+11,4
Wool, auction prices, 18 types		204,9	240,6	217,3	-9,6	+6,0
Woven needle punch carpeting		169,3	168,6	168,6	0,0	-0,4

## ADDITIONAL INFORMATION

### EXPLANATORY NOTES

- Introduction** 1 This publication contains results of monthly surveys of prices of locally produced commodities (including exports), imported and exported commodities. The price indices are calculated at base 2000=100.
- Scope of the PPI survey** 2 The indices are compiled on a gross industry basis, i.e. each index relates to those articles, which are produced, imported and exported by the designated industries of the South African economy. Selling prices are collected from manufacturers, importers and exporters.
- Classification** 3 The 1993 edition of the Standard Industrial Classification of all Economic Activities (SIC), Fifth edition, Report No. 09-90-02 was used to classify the industries in the survey. The SIC is based on the 1990 International Standard Industrial Classification of all Economic Activities (ISIC) with suitable adaptations for local conditions. The Central Product Classification (CPC) Version 1.1, Series M No 77 was used to classify the products in the survey.
- 4 This publication presents information, which measures changes in prices of products, which are produced, imported or exported by establishments.
- Statistical unit** 5 The statistical unit is the establishment (branch), which is the smallest economic unit that functions as a separate entity. Each statistical unit is classified to an industry according to the classification of the products that the unit manufactures, imports or exports.
- Survey methodology and design** 6 Different phases of sampling take place. Firstly, a sample of products, based on the information collected through the Large Sample Survey of 2005 and 2005 information on imports and exports received from SARS is designed and drawn. An indicator product is selected purposively within each product group. To be selected, a product should be part of the top 80% of products manufactured, imported or exported in that product group. Furthermore, it must be possible to obtain price quotations for the relevant product during the whole year. The sample of indicator products is revised every five years at which stage the weights of the indicator products/groups are also revised.
- This survey is collected by mail from an original sample of approximately 2 325 manufacturers, 2 325 exporters and 2 325 importers. The indices are based on producer prices at the point of Producer in the case of commodities produced in South Africa, and "ex-warehouse", in the case of imported commodities. Prices "delivered" or "free on rail" are accepted if this is the normal basis of quotation.
- Currently, an average of 13 000 price quotations are collected each month from approximately 2 700 outlets by means of 1 500 distinct questionnaires.
- Pricing basis** 7 Price information refers to the first seven days of the relevant month, except in the case of mining and most of the agricultural products, where it refers to the average price for the month. The average price of imported crude petroleum, used in the compilation of the import component of the PPI, is calculated as the value (in Rands) divided by the quantity of imported crude petroleum for the relevant month. **The prices of all items exclude Value Added Tax (VAT).**

**Weighting basis**

- 8 The index is a fixed weight index as the weights are determined in the base period and they do not change until the next base period. The commodities directly represented in the index, were selected on the basis of the values of sales of products –
- produced during 2005 for locally produced commodities;
  - exported during 2005; and
  - imported during 2005.

These commodities constitute approximately 80 per cent of the total value of Producer/imports/exports during the relevant year as indicated above. Weights were allocated to each product in accordance with the value of sales for each item during the 2004/05 financial year. The basis on which the weighting structure of each main PPI component, indicated in the tables published in this statistical release, was calculated, is indicated in table C.

**Table C– Basis on which the weighting structure of each PPI table is based**

<b>Number of table in this statistical release</b>	<b>PPI component</b>	<b>Basis for weighting structure</b>
Table 8	Domestic output of South African industry groups	Sales value of South African Producer (Weighted using the National Accounts value added weights)
Table 9	Exported commodities	Sales value of exported commodities
Table 10	Imported commodities	Sales value of imported commodities
Table 11	Materials used in certain industries	Value of materials used

**Processing of price information**

- 9 The prices that are quoted for the different products are checked. If the price difference between two successive periods is outside the specified range of increase (+5%) or decreases (-5%), the current price levels are confirmed with relevant respondents.

**Calculating product price indices**

- 10 Price relatives are calculated for each product per respondent by dividing the current prices by the previously quoted price. The price relative for each product is calculated by means of the geometric mean of the price relatives for each respondent. This price relative for each product is then applied to the product index for the previous month in order to obtain a product index for the relevant month.

**Calculating group price indices**

- 11 Group price indices are calculated by weighting product indices with the relevant product weight, according to each group's (local, import, export) weighting structure, using the Laspeyres index formula.

**Contributions of specific products to the total PPI**

- 12 The monthly (annual) contribution of a specific product or group of products to the total PPI is calculated by multiplying the weight of this product or group of products with the monthly (annual) change in the index for this product or group of products, divided by the index for 'All groups'.



- Price indices for diesel** 13 The price index for diesel (Coast and Witwatersrand) is based on the refinery prices of diesel.
- The retail price index for diesel (metropolitan and other urban areas) is based on retail prices obtained from a sample of 84 retail outlets throughout the country. The diesel indices for the different areas are weighted according to the diesel volume distribution as obtained from the South African Petroleum Industry Association (SAPIA).
- The retail price index for diesel (metropolitan areas) is based on retail prices obtained from a sample of only 48 outlets in the historical metropolitan areas of the CPI. The diesel indices for the different areas are weighted according to the diesel volume distribution in the relevant areas as obtained from the South African Petroleum Industry Association (SAPIA).
- The price index for diesel at wholesale level (coast and Witwatersrand) is based on the regulated wholesale prices of diesel.
- Reliability of estimates** 14 Inaccuracies may occur because of imperfections in reporting by establishment (branch) and errors made in collection and processing of the data. Inaccuracies of this kind are referred to as non-sampling errors. Every effort is made to reduce non-sampling errors to a minimum by careful designing the questionnaires, editing data and efficient operating procedures.
- Related publications** 15 Users may also wish to refer to the following publications, which are available from Stats SA -
- Bulletin of Statistics; and
  - SA Statistics.
- Unpublished statistics** 16 In some cases, Stats SA can also make available information, which is not published. This information can be made available in one or more of the following ways: computer printout, diskette or CD. Generally a fee is levied for providing unpublished information.
- Symbols and abbreviations** 17
- |          |                                    |
|----------|------------------------------------|
| Stats SA | Statistics South Africa            |
| ..       | not available                      |
| -        | nil or not applicable              |
| *        | revised since previous publication |
| avg      | average                            |

## GLOSSARY

**Annual percentage change**

The annual percentage change is the change in the index of the relevant month of the current year compared with the index of the same month in the previous year expressed as a percentage and is generally accepted as the yardstick of PPI inflation.

**Overall average annual percentage change**

The overall average annual percentage change is the change in the average index of one year compared with the average index of the previous year expressed as a percentage.

**Contribution of specific products to the total PPI**

The monthly (annual) contribution of a specific product or group of products to the total PPI is calculated by multiplying the weight of the index with the monthly annual change of the index divided by the index for "All Items".

**Establishment**

An establishment (branch) is the smallest economic unit that functions as a separate entity.

**Indicator products**

Indicator products are those products whose sale values represent 80% of the total value of sales (turnover) in an industrial subgroup.

**Monthly percentage change  
Weights**

The monthly percentage change is the change in the index of the relevant month compared to the index of the previous month expressed as a percentage.

The weights are the relevant importance of the indicator products in that subgroup. The weight of a product is calculated by dividing the actual value of sales of the relevant indicator product by the total value of sales in that subgroup.

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