

# Production Price Index

## P0142.1

July 2000

Embargo: 11:30

Date: 23 August 2000

Read the following [notice](#) with regard to the eleven official languages

© Copyright,2000

Users may apply or process this data, provided Statistics South Africa is acknowledged as the original source of the data; that it is specified that the application and/or analysis is the result of the user's independent processing of the data; and that neither the basic data nor any reprocessed version or application thereof may be sold or offered for sale in any form whatsoever.

**Dr R Hirschowitz**

**Acting Head: Statistics South Africa**

**A complete set of Stats SA publications is available in the Stats SA Library, and in the following public libraries:**

State Library, Pretoria / South African Library, Cape Town / Natal Society Library, Pietermaritzburg / Library of Parliament, Cape Town / Bloemfontein Public Library / Johannesburg Public Library

### Contents

<b>Notes</b>	
<b>Tables</b>	
Table 1	The Production Price Index (PPI) and the annual percentage change in the PPI on a monthly basis
Table 2	Contributions to the annual percentage change in the PPI for all commodities for consumption in South Africa according to their origin
Table 3	Contributions to the monthly percentage change in the PPI for all commodities for consumption in South Africa according to their origin
Table 4	Contributions to the annual percentage change in the PPI for all commodities for consumption in South Africa according to group
Table 5	Contributions to the monthly percentage change in the PPI for all commodities for consumption in South Africa according to group
Table 6	Contributions to the annual percentage change in the PPI for locally produced commodities for South African consumption according to group
Table 7	Contributions to the monthly percentage change in the PPI for locally produced commodities for South African consumption according to group

Prices - P0142.1

Table 8	Contributions to the annual percentage change in the PPI for imported commodities according to group
Table 9	Contributions to the monthly percentage change in the PPI for imported commodities according to group
Table 10	PPI for consumption in South Africa and percentage change according to origin and group
Table 11	PPI for total output of South African industry groups and percentage change according to destination and group
Table 12	PPI for output of South African industry groups for South African consumption and percentage change according to group
Table 13	PPI for imported commodities and percentage change according to group
Table 14	PPI for exported commodities and percentage change according to group
Table 15	PPI and percentage change for materials used in certain industries
Table 16	PPI and percentage change for selected materials.
Table 17	Seasonally adjusted PPI
<b>Additional information</b>	
	Explanatory notes
	Glossary
<b>For more information</b>	

**ANNUAL PERCENTAGE CHANGE IN THE PPI FOR JULY 2000 LOWER AT 8,6%**

*The Production Price Index (PPI) for all commodities for South African consumption shows an annual rate of increase of 8,6% at July 2000. This rate is 0,2 of a percentage point lower than the corresponding annual rate of 8,8% at June 2000. From June 2000 to July 2000 this index increased by 0,7% and the seasonally adjusted index increased by 0,4%.*

The annual increase of 8,6% in the PPI for all commodities for South African consumption is due to annual increases in the price indices for locally produced commodities (+4,9 percentage points) and imported commodities (+3,7 percentage points) (cf. table 2).

**LOWER ANNUAL PERCENTAGE CHANGE IN THE PPI FOR LOCALLY PRODUCED COMMODITIES FOR CONSUMPTION IN SOUTH AFRICA**

*The annual rate of increase in the PPI for locally produced commodities for consumption in South Africa is 8,6% at July 2000.*

Prices - P0142.1

Africa is 6,6% at July 2000, which is 0,4 of a percentage point lower than the corresponding annual rate of 7,0% at June 2000. From June 2000 to July 2000 this index as well as the seasonally adjusted index increased by 0,5%.

The annual increase of 6,6% in the PPI for locally produced commodities for consumption in South Africa is mainly due to annual increases in the price indices for products of petroleum and coal (+1,8 percentage points, mainly due to annual increases of approximately 64% in the average prices of petrol and diesel), paper, paper products and printing (+0,9 of a percentage point), food at manufacturing (+0,7 of a percentage point), chemicals and chemical products (+0,5 of a percentage point), mining and quarrying products (+0,4 of a percentage point) and transport equipment (+0,4 of a percentage point). These increases were slightly counteracted by an annual decrease in the price index for agricultural products (-0,2 of a percentage point) (cf. table 6).

**ANNUAL RATE OF CHANGE IN THE PPI FOR IMPORTED COMMODITIES REMAINED UNCHANGED**

The PPI for imported commodities shows an annual rate of increase of 14,0% at July 2000, which is the same as the corresponding annual rate at June 2000. From June 2000 to July 2000 this index increased by 0,9% and the seasonally adjusted index increased by 0,3%.

The annual increase of 14,0% in the PPI for imported commodities is mainly due to an annual increase in the price index for mining and quarrying products (+10,6 percentage points, mainly due to an annual increase of 101,4% in the average price of imported crude petroleum), and to a lesser extent due to annual increases in the price indices for chemicals and chemical products (+1,2 percentage points), transport equipment (+0,7 of a percentage point), non-electrical machinery and equipment (+0,5 of percentage point), paper, paper products and printing (+0,3 of a percentage point), medical, precision and optical instruments (+0,3 of a percentage point), food at manufacturing (+0,2 of a percentage point), basic metal (+0,2 of a percentage point) and metal products (+0,2 of a percentage point). These increases were partially counteracted by a monthly decrease in the price index for "all other groups" (including footwear and products of petroleum and coal) (-0,7 of a percentage point) (cf. table 8).

**Table A - Production Price Index according to main components**

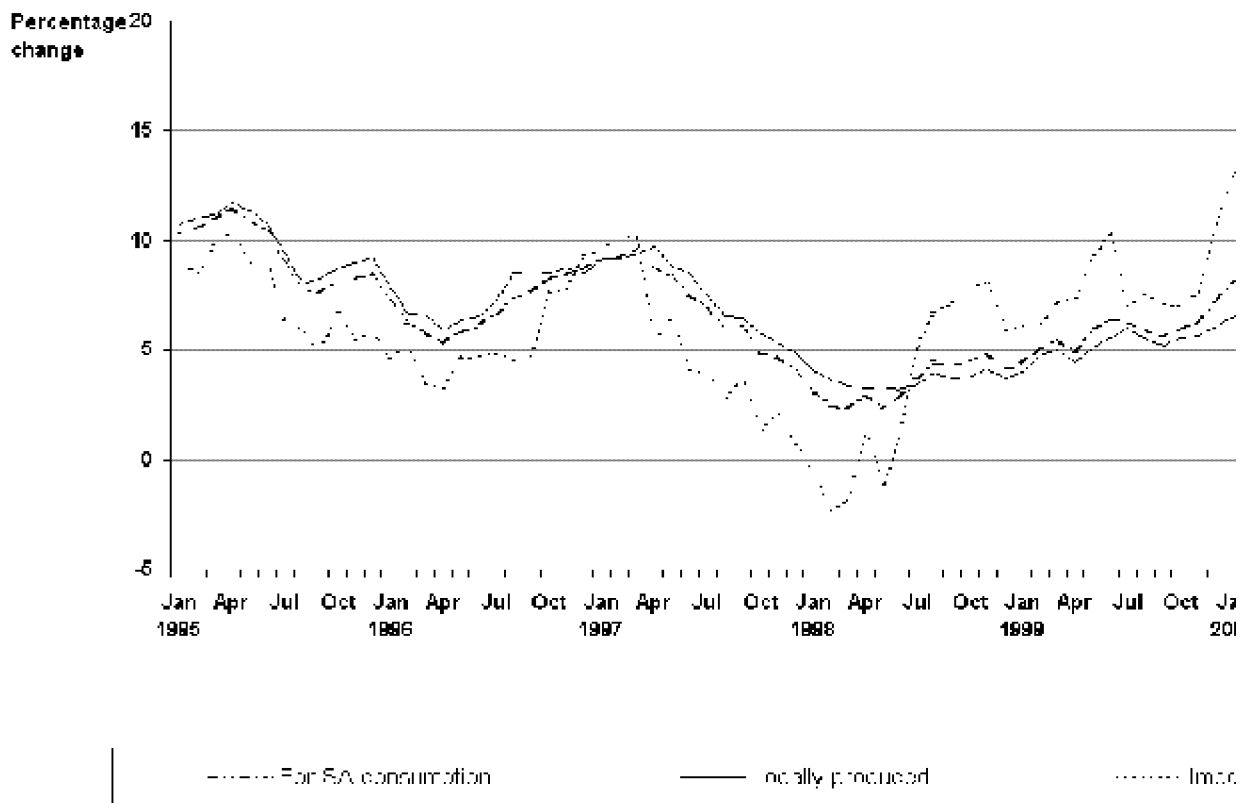
**Base : June 1995 = 100**

Production Price Index components	Indices			Percentage change between		
	Jul 1999	Jun 2000	Jul 2000	Jun 2000 and Jul 2000		Jul 1999 and Jul 2000
				Actual %	Seasonally adjusted %	
All commodities for consumption in South Africa	125,9	135,8	136,7	+0,7	+0,4	+8,6
Locally produced commodities	127,0	134,7	135,4	+0,5	+0,5	+6,6
	122,4	138,3	139,5	+0,9	+0,3	+14,0

Prices - P0142.1

Imported commodities						
Output of South African industry	128,7	136,4	137,1	+0,5	+0,2	+6,5
Total output	127,0	134,7	135,4	+0,5	+0,5	+6,6
For South African consumption						

Figure 1 – Annual percentage change in the Production Price Index:



Source: Stats SA

**Commodities for South African consumption**

**CONTRIBUTIONS TO MONTHLY CHANGES**

PPI for all commodities for South African consumption

The monthly increase of 0,7% in the PPI for all commodities for South African consumption is due to monthly increases in the price indices for locally produced commodities (+0,4 of a percentage point) and

imported commodities (+0,3 of a percentage point) (cf. table 3)

PPI for locally produced commodities for consumption in South Africa

The monthly increase of 0,5% in the PPI for locally produced commodities for consumption in South Africa is due to monthly increases in the price indices for paper, paper products and printing (+0,4 of a percentage point), chemicals and chemical products (+0,1 of a percentage point), products of petroleum and coal (+0,1 of a percentage point) and rubber and plastic products (+0,1 of a percentage point), while monthly decrease was reflected by the price index for agricultural products (-0,2 of a percentage point) (cf. table 7).

PPI for imported commodities

The monthly increase of 0,9% in the PPI for imported commodities is mainly due to monthly increases in the price indices for mining and quarrying products (+0,5 of a percentage point, mainly due to a monthly increase of 2,9% in the average price of imported crude petroleum), chemicals and chemical products (+0,3 of a percentage point) and "all other groups" (+0,2 of a percentage point). These increases were slightly counteracted by monthly decreases in the price indices for transport equipment (-0,1 of a percentage point) and agricultural products (-0,1 of a percentage point) (cf. table 9).

### **MONTHLY CHANGES IN THE PPI FOR ALL COMMODITIES FOR SOUTH AFRICAN CONSUMPTION**

Relatively large monthly increases occurred in the price indices for paper, paper products and printing (+3,3%), gas, steam and water (+3,3%), leather and leather products (+2,6%), rubber and plastic products (+2,1%), chemicals and chemical products (+2,0%), mining and quarrying products (+1,8%), products of petroleum and coal (+1,3%), wood and wood products (+1,0%), footwear (+0,7%), non-metallic mineral products (+0,7%), office, accounting and computing machinery (+0,7%), medical, precision and optical instruments (+0,7%) and radio, television and communication equipment and apparatus (+0,7%). These increases were partially counteracted by monthly decreases in the price indices for agricultural products (-2,0%), transport equipment (-0,2%), fishing products (-0,2%) and electricity (-0,2%) (cf. table 10).

### **MONTHLY CHANGES IN THE PPI FOR IMPORTED COMMODITIES**

Relatively large monthly increases occurred in the price indices for leather and leather products (+3,5%), mining and quarrying products (+2,7%, mainly due to a monthly increase of 2,9% in the average price of imported crude petroleum), chemicals and chemical products (+2,4%), radio, television and communication equipment and apparatus (+1,3%), paper, paper products and printing (+0,8%), office, accounting and computing machinery (+0,7%), medical, precision and optical instruments (+0,7%), footwear (+0,5%), basic metals (+0,5%), food at manufacturing (+0,4%), fishing products (+0,4%), "other" manufactures (+0,4%), metal products (+0,3%) and electrical machinery and apparatus (+0,3%). The monthly increases were slightly counteracted by monthly decreases in the price indices for imported agricultural products (-3,4%), transport equipment (-0,5%) and wearing apparel (-0,4%) (cf. table 13).

### **MONTHLY CHANGES IN THE PPI FOR EXPORTED COMMODITIES**

From June 2000 to July 2000, the PPI for exported commodities increased by 0,5%. Relatively large monthly increases occurred in the price indices for exported products of rubber and plastic products (+4,5%), products of petroleum and coal (+3,9%), tobacco products (+3,2%), wood and wood products (+2,5%), leather and leather products (+1,7%), footwear (+1,7%), paper, paper products and printing (+1,4%), chemicals and chemical products (+1,1%) and mining and quarrying products (+0,8%). These increases were slightly counteracted by monthly decreases in the price indices for agricultural products (-3,7%), food at manufacturing (-0,2%) and fishing products (-0,1%) (cf. table 14).

### **Notes**

Prices - P0142.1

<b>Forthcoming issues</b>	<b>Issue</b>	<b>Expected date of publication</b>
	August 2000	27 September 2000
	September 2000	25 October 2000
	October 2000	22 November 2000
	November 2000	20 December 2000
	December 2000	24 January 2001
<b>Purpose of the survey</b>	<p>The Surveys of Prices of Locally Produced commodities (which are locally sold or exported) and Imported Commodities are monthly surveys covering samples of manufacturers, exporters and importers operating in the South African economy. The results of the survey are used to compile the Production Price Index (PPI), an economic indicator, which indicates the changes in production prices of locally produced commodities (which are locally sold or exported) and imported commodities. These statistics are used by the private sector in the analysis of comparative business and industry performance, as well as for contract price adjustments.</p>	
<b>Methodological notes</b>	<p>According to international best practice, the PPI is reweighted every five years. Stats SA reweighted the PPI as from June 1999 using a new basket of indicator products and their relevant weights.</p>	
	<p>The new baskets of indicator products manufactured and sold locally, exported and imported were compiled through various information sources. The information sources used to select the relevant indicator products in the different production industries are indicated in table C.</p>	
<p><b>Table C – Information sources used to select products in the different production industries</b></p>		
<b>Main products and industries</b>	<b>Sources</b>	
<b>Locally produced and sold items</b>		
Agriculture	Department of Agriculture	
Fishing	Fishing Handbook, 1996	
Forestry	Commercial Timber Resources and Roundwood Processing in South Africa, 1996	
Mining and quarrying	Department of Minerals and Energy Affairs	
Manufacturing	Stats SA, Census of Manufacturing, 1996	
Electricity, gas and steam	Stats SA, Census of Electricity, Gas and	
	Steam, 1995	

Prices - P0142.1

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 Standard Industrial Classification (SIC) subgroups. The products in each subgroup were then 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 D.

**Table D – 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 Agriculture Old sample of PPI
Fishing	Old sample of PPI List obtained from other sources
Manufacturing	List of manufacturers from the Census of Manufacturing, 1996 List of manufactures from trade unions
Electricity, gas and steam	List of producers according to the Census of Electricity, Gas and Steam, 1995
Water	Old sample of PPI.
<b>Imported products</b>	List of importers obtained from South African Revenue Services

Prices - P0142.1

<b>Exported items</b>	List of exporters obtained from South  African Revenue Services
-----------------------	---

**Table A - Production Price Index according to main components**

Base : June 1995 - 100

Production Price Index components	Indices			Percentage change be	
	Jul 1999	Jun 2000	Jul 2000	Jun 2000 and Jul 2000	Seasonally adjusted
	Actual %			%	%
All commodities for consumption in South Africa	125,9	135,8	136,7	+0,7	+0,4
Locally produced commodities	127,0	134,7	135,4	+0,5	+0,5
Imported commodities	122,4	138,3	139,5	+0,9	+0,3
Output of South African industry					
Total output	128,7	136,4	137,1	+0,5	+0,2
For South African consumption	127,0	134,7	135,4	+0,5	+0,5

**Table 1 - The Production Price Index (PPI) and the annual percentage change in the PPI on a monthly**

Base : June 1995 - 100

Year		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Commodities for consumption in South African													
1998	Index	115,9	115,6	115,5	116,6	117,0	117,3	118,5	119,5	120,0	120,4	121,1	120,
	%	+3,2	+2,5	+2,3	+2,9	+2,4	+2,8	+3,7	+4,5	+4,3	+4,5	+4,8	+4,
1999	Index	121,0	121,4	121,8	122,3	124,0	124,8	125,9	126,6	126,8	127,6	128,7	129,
	%	+4,4	+5,0	+5,5	+4,9	+6,0	+6,4	+6,2	+5,9	+5,7	+6,0	+6,3	+7,
2000	Index	130,9	131,6	132,3	134,6	134,8	135,8	136,7	..	..	..	..	..
	%	+8,2	+8,4	+8,6	+10,1	+8,7	+8,8	+8,6	..	..	..	..	..

Locally produced commodities

1998	Index	117,5	117,4	117,3	118,6	119,2	119,3	119,8	120,9	121,0	121,2	121,8	121,
	%	+4,1	+3,6	+3,3	+3,2	+3,3	+3,2	+3,5	+4,0	+3,7	+3,8	+4,1	+3,



Prices - P0142.1

1999	Index	122,2	123,0	123,2	123,9	125,3	125,9	127,0	127,5	127,3	127,9	128,7	129,
	%	+4,0	+4,8	+5,0	+4,5	+5,1	+5,5	+6,0	+5,5	+5,2	+5,5	+5,7	+6,
2000	Index	130,2	131,0	131,5	133,8	134,2	134,7	135,4	..	..	..	..	.
	%	+6,5	+6,5	+6,7	+8,0	+7,1	+7,0	+6,6	..	..	..	..	.

Imported commodities

1998	Index	110,1	109,2	109,0	109,0	109,3	110,0	114,4	114,9	116,7	117,9	119,2	117,
	%	-0,5	-2,3	-1,9	+1,3	-1,1	+0,9	+5,1	+6,7	+7,2	+7,8	+8,1	+5,
1999	Index	116,8	115,9	116,8	117,0	119,5	121,3	122,4	123,6	125,0	126,2	128,3	129,
	%	+6,1	+6,1	+7,2	+7,3	+9,3	+10,3	+7,0	+7,6	+7,1	+7,0	+7,6	+10,
2000	Index	132,1	132,6	133,9	136,0	135,6	138,3	139,5	..	..	..	..	.
	%	+13,1	+14,4	+14,6	+16,2	+13,5	+14,0	+14,0	..	..	..	..	.

Table 2 - Contributions to the annual percentage change in the PPI for all commodities for consumption according to their origin

Origin of contribution	Contribution
Locally produced commodities	+4,9
Imported commodities	+3,7
All groups	+8,6

Table 3 - Contributors to the monthly percentage change in the PPI for all commodities for consumption according to their origin

Origin of contribution	Contribution
Locally produced commodities	+0,4
Imported commodities	+0,3
All groups	+0,7

Table 4 - Contributions to the annual percentage change in the PPI for all commodities for consumption according to group

Group	Contribution
Agriculture	-0,1
Mining and quarrying	+3,1
Food at manufacturing	+0,6
Beverages	+0,2
Tobacco products	+0,2
Textiles and made-up goods	+0,1
Wearing apparel	+0,1
Wood and wood products	+0,1
Paper, paper products and printing	+0,7
Products of petroleum and coal	+1,4
Chemicals and chemical products	+0,6

Prices - P0142.1

Rubber and plastic products	+0,2
Non-metallic mineral products	+0,1
Basic metals	+0,3
Metal products	+0,1
Non-electrical machinery and equipment	+0,2
Electrical machinery and apparatus	+0,1
Medical, precision and optical instruments	+0,1
Transport equipment	+0,5
Electricity	+0,2
All other groups	-0,2
All groups	+8,6

**Table 5 - Contributions to the monthly percentage change in the PPI for all commodities for consu according to group**

Group	Contribution
Agriculture	-0,1
Mining and quarrying	+0,1
Paper, paper products and printing	+0,3
Products of petroleum and coal	+0,1
Chemicals and chemical products	+0,2
Rubber and plastic products	+0,1
All groups	+0,7

**Table 6 - Contributors to the annual percentage change in the PPI for locally produced commodities group**

Group	Contribution
Agriculture	-0,2
Mining and quarrying	+0,4
Food at manufacturing	+0,7
Beverages	+0,2
Tobacco products	+0,3
Textiles and made-up goods	+0,1
Wearing apparel	+0,1
Wood and wood products	+0,1
Paper, paper products and printing	+0,9
Products of petroleum and coal	+1,8
Chemicals and chemical products	+0,5
Rubber and plastic products	+0,2
Non-metallic mineral products	+0,2
Basic metals	+0,3
Metal products	+0,1
Non-electrical machinery and equipment	+0,1
Electrical machinery and apparatus	+0,1
Transport equipment	+0,4
Electricity	+0,3
Gas and water	+0,1
All other groups	-0,1
All groups	+6,6

**Table 7 - Contributors to the monthly percentage change in the PPI for locally produced commodities group**

Group	Contribution
Agriculture	-0,2
Paper, paper products and printing	+0,4

Prices - P0142.1

Products of petroleum and coal		+0,1
Chemicals and chemical products		+0,1
Rubber and plastic products		+0,1
All groups		+0,5

**Table 8 - Contributors to the annual percentage change in the PPI for imported commodities according to group**

Group	Contribution
Agriculture	+0,1
Mining and quarrying	+10,6
Food at manufacturing	+0,2
Textiles and made-up goods	+0,1
Paper, paper products and printing	+0,3
Chemicals and chemical products	+1,2
Basic metals	+0,2
Metal products	+0,2
Non-electrical machinery and equipment	+0,5
Office, accounting and computing machinery	+0,1
Electrical machinery and apparatus	+0,1
Radio, TV, communication equipment and apparatus	+0,1
Medical, precision and optical instruments	+0,3
Transport equipment	+0,7
All other groups	-0,7
All groups	+14,0

**Table 9 - Contributors to the monthly percentage change in the PPI for imported commodities according to group**

Group	Contribution
Agriculture	-0,1
Mining and quarrying	+0,5
Chemicals and chemical products	+0,3
Radio, TV, communication equipment and apparatus	+0,1
Transport equipment	-0,1
All other groups	+0,2
All groups	+0,9

**Table 10 - Production Price Index for consumption in South Africa according to origin and group**

Base : June 1995 - 100

Origin/Group	Weight	Indices		
		Jul 1999	Jun 2000	Jul 2000
All groups	100,00	125,9	135,8	136,7
South African	73,00	127,0	134,7	135,4
Imported	27,00	122,4	138,3	139,5
1. Agriculture, Forestry, Fishing and Mining	15,22	127,4	152,1	152,2
1.1 Agriculture	7,68	123,2	123,6	121,1
1.1.1 Food	7,34	123,4	122,4	120,6
Grain	1,51	135,7	131,1	122,6
Sugar cane	0,38	101,8	112,9	113,4

Prices - P0142.1

	Oil seeds	0,18	97,9	94,6	94,6
	Vegetables and dried beans	0,68	121,7	171,6	168,6
	Fruit	0,68	135,2	81,1	75,9
	Meat	2,37	119,3	126,2	127,9
	Milk and eggs	0,96	124,6	128,5	127,2
	Other	0,58	79,3	75,8	75,8
1.1.2	Other agriculture	0,34	119,5	141,5	139,3
1.2	Forestry	1,97	105,1	105,1	105,1
1.3	Fishing	0,12	139,0	140,2	139,9
1.4	Mining and quarrying	5,45	139,3	206,9	210,6
	Coal	1,59	144,7	162,5	162,6
	Metal ores	0,68	112,5	129,1	128,9
	Other minerals	3,18	142,4	243,8	250,0
2.	Manufacturing	80,28	126,2	133,6	134,7
	South African	56,60	128,2	136,9	138,1
	Imported	23,68	122,5	127,0	127,7
2.1	Food	10,16	132,9	139,9	139,9
	Meat	1,79	117,4	128,8	127,6
	Fresh meat	1,43	115,2	128,0	126,9
	Meat products	0,36	123,2	127,5	127,7
	Fish and fish products	0,19	141,6	149,2	151,1
	Fruit and vegetable products	0,47	137,5	144,9	144,7
	Fats and oils	0,84	131,2	123,2	124,4
	Milk products	1,31	131,7	139,7	139,8
	Grain mill products	1,82	135,3	140,9	140,9
	Sugar	0,35	128,0	134,9	134,9
	Coffee and tea	0,23	136,2	140,0	140,0
	Other	3,16	139,7	148,4	148,9
2.2	Beverages	3,26	133,4	139,9	140,1
	Alcoholic	2,35	132,2	139,1	139,4
	Non-alcoholic	0,91	138,5	144,1	144,1
2.3	Tobacco products	1,15	153,6	177,4	177,4
2.4	Textiles and made-up goods	2,39	116,4	120,2	120,2
	Spinning, weaving and finishing of textiles	1,43	116,5	119,9	120,0
	Other textiles	0,96	116,4	120,8	120,9
2.5	Wearing apparel	1,81	121,8	128,1	128,1
	Knitted and crocheted fabrics and articles	0,42	121,1	124,1	124,1
	Wearing apparel	1,39	122,2	129,5	129,9
	Men's and boys' clothing	0,56	120,5	122,8	122,7
	Women's and girls' clothing	0,78	123,8	134,7	134,7
	Other, including articles of fur	0,05	123,3	129,4	129,4
2.6	Leather and leather products	0,29	122,5	125,8	129,1
2.7	Footwear	0,69	130,8	131,1	132,0
2.8	Wood and wood products	1,26	124,6	129,7	131,0
	Sawmilling and planing of wood	0,44	124,2	127,4	127,7
	Products of wood, cork and plaiting materials	0,82	125,1	131,3	133,0
2.9	Paper, paper products and printing	8,13	131,1	138,0	142,9
	Paper and paper products	3,21	129,6	139,1	141,4
	Publishing and printing	4,92	133,7	138,9	145,0
2.10	Products of petroleum and coal	2,75	148,1	208,1	210,9
2.11	Chemicals and chemical products	8,39	127,6	134,7	137,4
	Basic chemicals	3,54	130,9	140,6	144,9
	Fertilizers	0,45	129,9	129,2	129,1
	Other	3,09	130,3	141,9	146,8
	Other chemical products	4,85	126,1	131,2	132,8
	Pharmaceutical products	1,47	128,6	131,8	134,9
	Other	3,38	123,2	129,1	129,9

Prices - P0142.1

Table 10 - Production Price Index for consumption in South Africa according to origin and group (c

Base : June 1995 - 100

Origin/Group	Weight	Indices		
		Jul 1999	Jun 2000	Jul 2000
2.12 Rubber and plastic products	2,71	130,6	136,0	138,8
Rubber products	0,85	125,1	130,4	134,9
Plastic products	1,86	133,5	139,0	141,0
2.13 Non-metallic mineral products	2,25	128,2	135,0	136,0
Glass and glass products	0,61	110,6	114,9	114,9
Other	1,64	132,5	140,0	141,3
2.14 Basic metals	3,97	122,4	131,5	131,6
Ferrous	1,82	124,8	130,0	130,0
Non-ferrous	2,15	114,4	126,4	126,6
2.15 Metal products	3,18	129,4	133,3	133,4
Structural metal products	1,00	123,1	125,4	125,5
Other	2,18	133,7	138,4	138,5
2.16 Non-electrical machinery and equipment	6,72	116,5	119,8	120,0
General purpose machinery	2,44	107,2	109,8	110,2
Special purpose machinery	3,69	122,3	126,3	126,3
Household appliances	0,59	106,9	109,7	109,7
2.17 Office, accounting and computing machinery	1,41	127,8	128,6	129,5
2.18 Electrical machinery and apparatus	2,48	118,3	121,4	121,5
Electric motors, generators and transformers	0,34	117,4	120,1	120,1
Electricity distribution and control apparatus	0,75	116,5	118,7	118,6
Insulated wire and cable	0,69	113,7	113,9	114,4
Other	0,70	125,6	132,5	132,4
2.19 Radio, television and communication equipment and apparatus	2,70	111,0	112,1	112,5
2.20 Medical, precision and optical instruments	1,18	131,2	137,9	138,5
Medical appliances and instruments for measuring, checking, testing and navigating	0,99	133,3	140,1	141,0
Other, including watches and clocks	0,19	123,4	129,7	131,1
2.21 Transport equipment	11,04	127,8	133,4	133,1
Motor vehicles, parts and accessories	10,50	131,2	137,0	136,7
Motor vehicles	5,43	117,2	123,9	123,5
Bodies, trailers and semi-trailers	0,16	120,8	133,4	133,4
Parts and accessories	4,91	166,5	172,1	171,5
Other transport equipment	0,54	102,6	104,7	104,4
2.22 Furniture	1,01	133,6	136,2	136,2
2.23 Other manufactures	1,35	103,2	105,5	105,6
3. Electricity, Gas Steam and Water	4,50	121,0	128,4	128,6
3.1 Electricity	4,17	115,5	122,3	122,1
3.2 Gas, Steam and water	0,33	153,4	168,2	173,6

Table 11 - Production Price Index for total output of South African industry groups according to c

Base : June 1995 - 100

		Indices	

Prices - P0142.1

Destination/Group	Weight	Jul 1999	Jun 2000	Jul 2000
All Groups	100,00	128,7	136,4	137,1
South African	75,88	128,7	136,4	137,1
Exported	24,12	126,4	133,1	133,7
1. Agriculture, Forestry, Fishing and Mining	19,69	134,8	139,0	138,3
1.1 Agriculture	8,55	122,5	120,5	118,1
1.1.1 Food	8,35	122,9	119,6	117,2
Grain	1,70	132,4	122,2	113,8
Sugar cane	0,40	101,8	112,9	113,4
Oil seeds	0,18	97,9	94,6	94,8
Vegetables and dried beans	0,81	121,5	166,0	163,3
Fruit	1,20	143,2	89,1	83,7
Meat	2,48	118,5	125,7	127,2
Milk and eggs	1,00	124,6	128,5	127,2
Other	0,58	77,9	75,5	75,5
1.1.2 Other agriculture	0,20	115,5	138,1	136,3
1.2 Forestry	2,06	105,5	105,5	105,5
1.3 Fishing	0,16	131,4	133,6	133,3
1.4 Mining and quarrying	8,92	142,7	153,4	154,3
Coal	3,22	139,6	156,2	158,3
Metal ores	3,64	146,8	157,9	158,0
Other minerals	2,06	134,1	135,9	136,1
2. Manufacturing	75,63	126,8	135,2	136,3
South African	58,83	126,8	135,4	136,8
Exported	16,80	121,4	128,5	129,3
2.1 Food	10,77	132,3	139,2	139,1
Meat	1,83	117,0	128,8	127,7
Fresh meat	1,34	114,7	127,5	126,0
Meat products	0,49	124,1	131,4	131,7
Fish and fish products	0,24	134,6	141,0	139,9
Fruit and vegetable products	0,77	135,0	143,4	143,9
Fats and oils	0,61	132,0	117,7	119,0
Milk products	1,35	131,5	139,3	139,3
Grain mill products	1,80	133,8	139,6	139,6
Sugar	0,70	135,1	139,5	139,9
Coffee and tea	0,24	136,2	139,9	139,9
Other	3,23	139,7	148,7	148,7
2.2 Beverages	3,58	134,6	141,3	141,9
Alcoholic	2,61	133,9	141,1	141,4
Non-alcoholic	0,97	137,3	142,7	142,7
2.3 Tobacco products	1,22	154,8	178,3	178,4
2.4 Textiles and made-up goods	2,26	118,8	122,8	122,8
Spinning, weaving and finishing of textiles	1,37	119,0	122,9	122,9
Other textiles	0,89	118,6	122,7	122,7
2.5 Wearing apparel	1,83	122,1	128,0	128,0
Knitted and crocheted fabrics and articles	0,38	121,5	123,9	123,9
Wearing apparel	1,45	122,5	129,4	129,4
Men's and boys' clothing	0,60	119,9	122,1	122,1
Women's and girls' clothing	0,80	124,9	135,4	135,4
Other, including articles of fur	0,05	124,8	131,0	131,0
2.6 Leather and leather products	0,33	117,0	119,2	121,4
2.7 Footwear	0,55	132,5	134,0	135,0
2.8 Wood and wood products	1,20	122,9	127,3	128,9
Sawmilling and planing of wood	0,36	126,9	130,1	131,9
Products of wood, cork and plaiting materials	0,84	119,1	124,1	125,8

Prices - P0142.1

2.9	Paper, paper products and printing	8,36	128,7	135,6	140,2
	Paper and paper products	3,60	129,8	139,3	141,6
	Publishing and printing	4,76	134,2	139,6	146,1
2.10	Products of petroleum and coal	3,27	150,7	209,3	213,3
2.11	Chemicals and chemical products	7,41	124,7	130,1	132,1
	Basic chemicals	3,53	121,4	127,4	130,1
	Fertilizers	0,59	127,0	126,7	126,9
	Other	2,94	123,0	130,4	133,6
	Other chemical products	3,88	130,2	135,4	136,8
	Pharmaceutical products	0,88	136,7	142,3	143,5
	Other	3,00	125,4	130,3	131,7

Table 11 - Production Price Index for total output of South African industry groups according to c

Base : June 1995 - 100

Destination/Group	Weight	Indices		
		Jul 1999	Jun 2000	Jul 2000
2.12 Rubber and plastic products	2,48	129,9	136,7	140,5
Rubber products	0,75	122,4	129,9	136,7
Plastic products	1,73	133,5	140,1	142,5
2.13 Non-metallic mineral products	2,11	129,4	136,9	137,9
Glass and glass products	0,56	111,5	116,3	116,3
Other	1,55	133,6	141,9	143,2
2.14 Basic metals	8,68	121,8	132,0	132,1
Ferrous	4,04	124,0	133,1	133,4
Non-ferrous	4,64	114,7	125,5	125,5
2.15 Metal products	3,23	119,0	122,2	122,2
Structural metal products	1,24	125,3	128,7	128,7
Other	1,99	114,4	117,4	117,4
2.16 Non-electrical machinery and equipment	3,57	115,8	119,0	119,1
General purpose machinery	1,26	118,0	120,6	120,6
Special purpose machinery	1,96	116,1	119,7	119,7
Household appliances	0,35	109,3	112,4	112,4
2.17 Office, accounting and computing machinery	0,14	100,1	100,2	100,2
2.18 Electrical machinery and apparatus	1,90	123,7	126,8	126,8
Electric motors, generators and transformers	0,19	122,8	128,1	128,1
Electricity distribution and control apparatus	0,45	129,0	133,1	133,1
Insulated wire and cable	0,69	114,2	112,6	112,6
Other	0,57	133,2	140,5	140,5
2.19 Radio, television and communication equipment and apparatus	1,34	114,0	116,4	116,4
2.20 Medical, precision and optical instruments	0,32	135,7	138,2	139,0
Medical appliances and instruments for measuring, checking, testing and navigating	0,28	134,2	136,2	136,9
Other, including watches and clocks	0,04	141,9	147,8	149,3
2.21 Transport equipment	8,32	119,0	124,0	124,0
Motor vehicles, parts and accessories	8,07	120,0	125,1	125,1
Motor vehicles	5,31	121,4	128,3	128,3
Bodies, trailers and semi-trailers	0,33	122,2	128,5	128,5
Parts and accessories	2,43	114,0	115,1	115,1
Other transport equipment	0,25	106,5	107,4	107,4
2.22 Furniture	1,39	133,5	135,4	135,4
2.23 Other manufactures	1,37	111,9	115,6	115,6

Prices - P0142.1

3. Electricity, Gas, Steam and Water	4,68	120,6	128,0	128,2
3.1 Electricity	4,35	115,2	122,0	121,8
3.2 Gas, Steam and water	0,33	153,4	168,1	173,7

Table 12 - Production Price Index for output of South African industry groups for South African cc

Base : June 1995 - 100

Group	Weight	Indices		
		Jul 1999	Jun 2000	Jul 2000
All groups	100,00	127,0	134,7	135,4
South African	100,00	127,0	134,7	135,4
Exported	-	-	-	-
1. Agriculture, Forestry, Fishing and Mining	16,29	124,8	127,9	126,5
1.1 Agriculture	9,67	124,4	123,9	121,8
1.1.1 Food	9,44	124,2	122,5	120,2
Grain	1,59	138,5	128,5	119,8
Sugar cane	0,52	101,8	112,9	113,4
Oil seeds	0,24	97,9	94,6	94,8
Vegetables and dried beans	0,93	121,9	171,9	168,9
Fruit	0,91	135,8	80,9	75,2
Meat	3,23	119,3	126,0	127,4
Milk and eggs	1,32	124,6	128,5	127,2
Other	0,70	77,5	75,1	75,1
1.1.2 Other agriculture	0,23	127,9	154,1	152,1
1.2 Forestry	2,67	105,6	105,6	105,6
1.3 Fishing	0,16	142,3	143,5	143,2
1.4 Mining and quarrying	3,79	132,4	147,0	147,1
Coal	2,09	145,4	163,8	163,9
Metal ores	0,88	113,4	131,2	130,5
Other minerals	0,82	127,0	129,8	130,7
2. Manufacturing	77,54	128,2	136,9	138,1
South African	77,54	128,2	136,9	138,1
Exported	-	-	-	-
2.1 Food	12,44	132,8	139,9	139,8
Meat	2,20	117,5	129,2	128,0
Fresh meat	1,85	115,3	128,6	127,1
Meat products	0,35	124,0	126,9	127,3
Fish and fish products	0,10	137,2	140,7	141,4
Fruit and vegetable products	0,57	137,9	145,6	145,7
Fats and oils	0,72	134,5	119,5	120,8
Milk products	1,72	131,5	139,3	139,4
Grain mill products	2,25	133,9	139,8	139,8
Sugar	0,48	128,8	135,7	135,7
Coffee and tea	0,31	136,5	140,2	140,2
Other	4,09	140,0	149,2	149,2
2.2 Beverages	4,21	134,8	141,6	141,7
Alcoholic	2,98	133,8	141,1	141,4
Non-alcoholic	1,23	138,6	144,2	144,2
2.3 Tobacco products	1,55	154,7	178,8	178,8
2.4 Textiles and made-up goods	2,52	119,6	123,1	123,1
Spinning, weaving and finishing of textiles	1,49	119,9	122,7	122,7
Other textiles	1,03	119,2	123,7	123,7



Prices - P0142.1

2.5	Wearing apparel	2,19	122,8	129,2	129,2
	Knitted and crocheted fabrics and articles	0,46	121,7	124,1	124,1
	Wearing apparel	1,73	123,1	130,5	130,5
	Men's and boys' clothing	0,67	120,2	122,6	122,6
	Women's and girls' clothing	1,00	125,7	136,6	136,6
	Other, including articles of fur	0,06	125,1	132,1	132,1
2.6	Leather and leather products	0,21	120,2	124,1	126,4
2.7	Footwear	0,68	132,6	134,1	135,1
2.8	Wood and wood products	1,46	124,6	129,6	131,0
	Sawmilling and planing of wood	0,46	127,6	131,7	132,2
	Products of wood, cork and plaiting materials	1,00	121,4	126,6	128,5
2.9	Paper, paper products and printing	9,82	133,0	139,9	144,5
	Paper and paper products	3,70	132,0	141,3	143,6
	Publishing and printing	6,12	134,5	139,9	146,6
2.10	Products of petroleum and coal	3,29	151,1	218,7	221,8
2.11	Chemicals and chemical products	6,76	126,6	132,8	135,0
	Basic chemicals	2,52	125,3	132,1	136,7
	Fertilizers	0,49	129,7	128,3	128,1
	Other	2,03	124,5	133,7	139,7
	Other chemical products	4,24	129,6	135,5	136,4
	Pharmaceutical products	1,05	137,7	143,1	143,8
	Other	3,19	125,0	131,0	131,5

Table 12 - Production Price Index for output of South African industry groups for South African cor (concluded)

Base : June 1995 - 100

Group	Weight	Indices		
		Jul 1999	Jun 2000	Jul 2000
2.12 Rubber and plastic products	2,95	130,6	137,4	141,0
Rubber products	0,83	122,3	129,4	135,5
Plastic products	2,12	134,4	141,1	143,6
2.13 Non-metallic mineral products	2,50	130,7	138,7	139,8
Glass and glass products	0,66	113,1	117,9	117,5
Other	1,84	134,4	143,3	144,8
2.14 Basic metals	4,20	125,0	134,9	134,5
Ferrous	1,90	127,5	133,3	133,3
Non-ferrous	2,30	117,0	129,8	129,8
2.15 Metal products	3,58	119,5	122,6	122,6
Structural metal products	1,31	124,2	126,6	126,6
Other	2,27	115,6	119,1	119,1
2.16 Non-electrical machinery and equipment	2,94	115,6	119,3	119,3
General purpose machinery	0,94	118,2	120,7	120,7
Special purpose machinery	1,60	115,9	120,6	120,6
Household appliances	0,40	109,3	111,7	111,7
2.17 Office, accounting and computing machinery	0,02	100,5	101,2	101,2
2.18 Electrical machinery and apparatus	2,15	124,6	128,0	128,0
Electric motors, generators and transformers	0,20	123,3	129,1	129,1
Electricity distribution and control apparatus	0,52	132,9	137,5	137,5
Insulated wire and cable	0,86	114,7	112,8	112,8
Other	0,57	134,4	143,6	143,6
2.19 Radio, television and communication equipment and apparatus	1,58	113,8	116,5	116,5

Prices - P0142.1

2.20	Medical, precision and optical instruments	0,25	146,8	149,9	151,2
	Medical appliances and instruments for measuring, checking, testing and navigating	0,22	145,5	147,6	148,8
	Other, including watches and clocks	0,03	151,8	162,3	164,2
2.21	Transport equipment	9,60	118,8	124,3	124,3
	Motor vehicles, parts and accessories	9,55	119,9	125,4	125,4
	Motor vehicles	6,62	121,3	128,7	128,7
	Bodies, trailers and semi-trailers	0,17	122,2	137,6	137,6
	Parts and accessories	2,76	114,1	114,7	114,7
	Other transport equipment	0,05	103,3	104,3	104,3
2.22	Furniture	1,27	133,6	136,2	136,2
2.23	Other manufactures	1,37	113,7	115,3	115,3
3.	Electricity, Gas, Steam and Water	6,17	121,1	128,5	128,8
3.1	Electricity	5,72	115,5	122,3	122,1
3.2	Gas, Steam and water	0,45	153,4	168,1	173,7

Table 13 - Production Price Index for imported commodities according to group

Base : June 1995 - 100

Group	Weight	Indices		
		Jul 1999	Jun 2000	Jul 2000
All groups	100,00	122,4	138,3	139,5
1. Agriculture, Forestry, Fishing and Mining	12,27	139,6	242,0	247,4
1.1 Agriculture	2,27	97,3	108,1	104,4
1.1.1 Food	1,66	98,2	108,5	104,2
Grain	1,30	97,7	111,5	105,9
Sugar cane	-	-	-	-
Oil seeds	-	-	-	-
Vegetables and dried beans	-	-	-	-
Fruit	0,06	100,0	97,6	99,3
Meat	0,05	100,0	128,1	130,1
Milk and eggs	-	-	-	-
Other	0,25	100,0	91,3	91,3
1.1.2 Other agriculture	0,61	95,7	108,1	105,6
1.2 Forestry	0,05	100,4	100,4	100,4
1.3 Fishing	0,01	102,1	101,7	102,1
1.4 Mining and quarrying	9,94	148,9	272,3	279,7
Coal	0,26	100,0	100,2	100,2
Metal ores	0,12	108,0	104,9	104,9
Other minerals	9,56	152,8	282,6	290,4
2. Manufacturing	87,73	122,5	127,0	127,7
2.1 Food	3,96	136,7	142,7	143,3
Meat	0,67	99,8	106,4	105,9
Fresh meat	0,46	101,9	106,7	106,9
Meat products	0,21	84,4	94,1	93,1
Fish and fish products	0,44	155,2	165,8	168,8
Fruit and vegetable products	0,18	116,7	121,0	116,8
Fats and oils	1,16	103,5	110,4	110,9
Milk products	0,21	149,0	162,3	165,7
Grain mill products	0,65	162,1	165,0	165,0
Sugar	0,01	100,0	117,8	124,8
Coffee and tea	0,03	97,0	102,8	101,1

Prices - P0142.1

Other	0,61	123,7	121,9	123,0
2.2 Beverages	0,66	104,8	106,8	106,8
Alcoholic	0,64	105,6	107,7	107,7
Non-alcoholic	0,02	86,0	85,8	85,8
2.3 Tobacco products	0,04	111,1	113,0	113,0
2.4 Textiles and made-up goods	2,03	107,3	112,3	112,9
Spinning, weaving and finishing of textiles	1,28	104,2	109,5	109,8
Other textiles	0,75	110,1	114,3	114,9
2.5 Wearing apparel	0,78	101,3	106,3	105,9
Knitted and crocheted fabrics and articles	0,30	99,6	104,2	104,1
Wearing apparel	0,48	102,0	107,2	106,8
Men's and boys' clothing	0,24	105,4	106,6	105,4
Women's and girls' clothing	0,20	98,3	108,8	108,9
Other, including articles of fur	0,04	99,9	101,6	101,6
2.6 Leather and leather products	0,51	127,3	129,9	134,9
2.7 Footwear	0,73	114,6	111,8	112,4
2.8 Wood and wood products	0,71	124,8	131,3	131,9
Sawmilling and planing of wood	0,38	102,6	102,6	102,8
Products of wood, cork and plaiting materials	0,33	163,5	180,0	180,8
2.9 Paper, paper products and printing	3,57	119,9	127,5	128,9
Paper and paper products	1,88	113,2	124,1	126,0
Publishing and printing	1,69	129,5	133,8	133,9
2.10 Products of petroleum and coal	1,32	100,2	100,1	100,1
2.11 Chemicals and chemical products	12,81	129,9	138,4	141,7
Basic chemicals	6,30	142,2	156,3	160,1
Fertilizers	0,32	131,4	134,5	134,3
Other	5,98	142,8	157,5	161,7
Other chemical products	6,51	119,9	123,6	126,9
Pharmaceutical products	2,60	121,2	122,4	127,9
Other	3,91	112,0	117,4	118,0
2.12 Rubber and plastic products	2,07	131,3	131,6	131,7
Rubber products	0,92	135,3	135,9	136,0
Plastic products	1,15	127,7	127,9	127,9

Table 13 - Production Price Index for imported commodities according to group (concluded)

Base : June 1995 = 100

Group	Weight	Indices		
		Jul 1999	Jun 2000	Jul 2000
2.13 Non-metallic mineral products	1,57	101,4	102,4	102,9
Glass and glass products	0,47	100,0	102,5	102,8
Other	1,10	101,9	102,2	102,4
2.14 Basic metals	3,35	101,3	107,1	107,8
Ferrous	1,60	100,6	102,8	103,0
Non-ferrous	1,75	101,5	110,5	111,4
2.15 Metal products	2,09	195,4	204,2	204,9
Structural metal products	0,18	100,7	101,3	101,8
Other	1,91	210,8	220,9	221,7
2.16 Non-electrical machinery and equipment	17,02	117,5	120,8	121,1
General purpose machinery	6,50	102,1	104,7	105,3
Special purpose machinery	9,36	133,2	136,9	137,0
Household appliances	1,16	99,6	102,6	102,8

Prices - P0142.1

2.17 Office, accounting and computing machinery	5,18	127,9	128,7	129,6
2.18 Electrical machinery and apparatus	3,41	103,5	106,0	106,3
Electric motors, generators and transformers	0,73	101,8	101,8	101,8
Electricity distribution and control apparatus	1,23	100,8	100,4	100,1
Insulated wire and cable	0,22	100,1	123,9	129,8
Other	1,23	108,3	111,7	111,6
2.19 Radio, television and communication equipment and apparatus	5,73	106,2	106,1	107,9
2.20 Medical, precision and optical instruments	3,67	128,9	136,3	137,2
Medical appliances and instruments for measuring, checking, testing and navigating	3,05	132,5	140,4	141,2
Other, including watches and clocks	0,62	117,7	123,5	124,7
2.21 Transport equipment	14,93	146,6	152,6	151,9
Motor vehicles, parts and accessories	13,08	157,8	164,5	163,8
Motor vehicles	2,22	100,0	102,2	101,9
Bodies, trailers and semi-trailers	0,15	100,0	101,9	101,9
Parts and accessories	10,71	284,0	296,7	295,2
Other transport equipment	1,85	101,4	103,5	103,2
2.22 Furniture	0,31	100,0	101,2	101,2
2.23 Other manufactures	1,28	100,6	105,2	105,6
3. Electricity, Gas, Steam and Water	-	-	-	-
3.1 Electricity	-	-	-	-
3.2 Gas, Steam and water	-	-	-	-

Table 14 - Production Price Index for exported commodities according to group

Base : June 1995 - 100

Group	Weight	Indices		
		Jul 1999	Jun 2000	Jul 2000
All groups	100,00	126,4	133,1	133,7
1. Agriculture, Forestry, Fishing and Mining	30,30	137,9	143,5	144,0
1.1 Agriculture	5,00	92,6	81,7	78,7
1.1.1 Food	4,89	91,9	79,1	76,0
Grain	2,03	100,6	91,5	85,2
Sugar cane	-	-	-	-
Oil seeds	-	-	-	-
Vegetables and dried beans	0,44	100,0	100,0	100,0
Fruit	2,08	81,2	58,3	56,8
Meat	0,11	100,0	161,8	177,9
Milk and eggs	0,01	100,0	100,0	100,0
Other	0,22	-	-	-
1.1.2 Other agriculture	0,11	102,9	118,3	116,4
1.2 Forestry	0,11	100,0	100,0	100,0
1.3 Fishing	0,18	125,8	131,0	130,9
1.4 Mining and quarrying	25,01	147,2	156,1	157,3
Coal	6,79	127,3	141,2	145,1
Metal ores	12,26	155,9	165,6	165,9
Other minerals	5,96	151,9	153,4	153,3
2. Manufacturing	69,70	121,4	128,5	129,3

Prices - P0142.1

2.1	Food	5,40	119,8	125,7	125,4
	Meat	0,62	100,5	111,7	111,7
	Fresh meat	0,20	99,7	98,6	98,6
	Meat products	0,42	100,9	119,1	119,1
	Fish and fish products	0,69	110,6	117,3	115,9
	Fruit and vegetable products	1,41	125,0	133,9	134,1
	Fats and oils	0,24	122,1	114,9	114,9
	Milk products	0,19	121,1	127,1	127,2
	Grain mill products	0,36	124,8	124,8	124,8
	Sugar	1,38	127,3	127,2	127,2
	Coffee and tea	0,03	149,8	151,1	151,1
	Other	0,48	130,3	133,9	133,9
2.2	Beverages	1,57	160,8	168,4	168,4
	Alcoholic	1,44	166,1	174,4	174,4
	Non-alcoholic	0,13	100,8	100,8	100,8
2.3	Tobacco products	0,16	133,0	133,4	137,7
2.4	Textiles and made-up goods	1,38	114,2	120,9	120,9
	Spinning, weaving and finishing of textiles	0,96	115,8	125,3	125,3
	Other textiles	0,42	110,4	110,9	110,9
2.5	Wearing apparel	0,65	107,7	108,5	108,5
	Knitted and crocheted fabrics and articles	0,13	107,5	108,7	108,7
	Wearing apparel	0,52	107,8	108,4	108,4
	Men's and boys' clothing	0,33	110,0	110,5	110,5
	Women's and girls' clothing	0,16	99,8	100,5	100,5
	Other, including articles of fur	0,03	134,1	135,5	135,5
2.6	Leather and leather products	0,69	100,9	101,4	103,1
2.7	Footwear	0,12	119,2	119,1	121,1
2.8	Wood and wood products	0,84	101,2	102,3	104,9
	Sawmilling and planing of wood	0,53	101,1	101,4	105,1
	Products of wood, cork and plaiting materials	0,31	101,3	104,0	104,9
2.9	Paper, paper products and printing	3,70	109,2	117,5	119,2
	Paper and paper products	3,24	107,6	116,6	118,6
	Publishing and printing	0,46	120,2	123,8	123,9
2.10	Products of petroleum and coal	3,20	131,2	155,3	161,3
2.11	Chemicals and chemical products	9,41	126,9	131,0	132,9
	Basic chemicals	6,68	119,9	124,9	125,3
	Fertilizers	0,91	103,4	105,3	106,0
	Other	5,77	122,5	128,0	128,4
	Other chemical products	2,73	144,2	146,1	150,1
	Pharmaceutical products	0,36	128,2	135,5	141,9
	Other	2,37	143,0	147,8	151,4
2.12	Rubber and plastic products	1,02	119,2	126,8	132,9
	Rubber products	0,51	130,9	140,7	151,3
	Plastic products	0,51	107,4	112,9	113,7

Table 14 - Production Price Index for exported commodities according to group (concluded)

Base : June 1995 - 100

Group	Weight	Indices		
		Jul 1999	Jun 2000	Jul 2000
2.13 Non-metallic mineral products	0,87	106,9	108,9	108,9
Glass and glass products	0,23	97,4	102,0	102,0
Other	0,64	110,3	111,3	111,3
2.14 Basic metals	22,75	125,2	136,0	136,3

Prices - P0142.1

Ferrous	10,75	137,5	149,5	150,1
Non-ferrous	12,00	114,3	123,9	123,9
2.15 Metal products	2,09	121,4	125,2	125,2
Structural metal products	1,02	130,6	138,3	138,3
Other	1,07	112,7	112,7	112,7
2.16 Non-electrical machinery and equipment	5,61	113,2	115,5	115,5
General purpose machinery	2,25	117,2	119,9	119,9
Special purpose machinery	3,09	110,6	112,1	112,1
Household appliances	0,27	111,0	117,1	117,1
2.17 Office, accounting and computing machinery	0,52	100,0	100,0	100,0
2.18 Electrical machinery and apparatus	1,13	111,0	112,1	112,1
Electric motors, generators and transformers	0,17	110,5	113,6	113,6
Electricity distribution and control apparatus	0,23	106,3	106,6	106,6
Insulated wire and cable	0,15	101,1	105,2	105,2
Other	0,58	115,5	115,6	115,6
2.19 Radio, television and communication equipment and apparatus	0,64	118,3	118,4	118,4
2.20 Medical, precision and optical instruments	0,54	118,5	120,2	120,3
Medical appliances and instruments for measuring, checking, testing and navigating	0,46	120,7	122,6	122,7
Other, including watches and clocks	0,08	106,2	106,2	106,9
2.21 Transport equipment	4,26	123,3	124,8	124,8
Motor vehicles, parts and accessories	3,40	124,7	126,3	126,3
Motor vehicles	1,16	117,5	117,1	117,1
Bodies, trailers and semi-trailers	0,86	116,6	116,6	116,6
Parts and accessories	1,38	136,3	140,9	140,9
Other transport equipment	0,86	117,7	118,7	118,7
2.22 Furniture	1,78	100,0	99,8	99,8
2.23 Other manufactures	1,37	110,5	120,4	120,4
3. Electricity, Gas, Steam and Water	-	-	-	-
3.1 Electricity	-	-	-	-
3.2 Gas, Steam and water	-	-	-	-

Table 15 - Production Price Index for materials used in certain industries

Base : June 1995 - 100

Industry	Indices			% -char Jun 2000 and Jul 2000
	Jul 1999	Jun 2000	Jul 2000	
Building and construction	130,8	138,9	140,0	+0,8
Building industries	128,4	133,6	134,4	+0,8
Civil engineering	134,6	140,8	142,8	+1,4
Mechanical engineering	123,2	130,5	131,3	+0,8
Electrical engineering	119,3	129,5	129,9	+0,3

Table 16 - Production Price Index for selected materials

Base : June 1995 - 100

Type of materials	Indices			% -char
	Jul 1999	Jun 2000	Jul 2000	

Prices - P0142.1

	Jul 1999	Jun 2000	Jul 2000	Jun 2000 and Jul 2000
Wool, auction prices, 18 types	90,0	119,7	119,7	0,0
Coal, bituminous	145,4	164,0	164,1	+0,1
Coal, bituminous - for local sales	145,5	155,2	158,2	+1,9
- Cobbles, grade A	137,0	145,5	155,1	+6,6
- Cobbles, grade B	118,2	130,3	147,6	+13,3
- Large nuts, grade A	150,8	156,2	155,1	-0,7
- Large nuts, grade B	130,6	146,3	144,5	-1,2
- Small nuts, grade A	148,6	152,9	157,4	+2,9
- Small nuts, grade B	109,0	126,6	128,0	+1,1
- Peas, grade A	124,4	129,2	129,4	+0,2
- Peas, grade B	145,4	155,9	162,2	+4,0
Anthracite - for local sales				
- Grade SP	149,7	147,3	157,5	+6,9
- Grade A	153,3	150,9	161,3	+6,9
Wood products, excluding minewood	123,9	127,4	128,4	+0,8
SA Pine, kiln dried	138,1	148,1	148,1	0,0
Paper, newsprint	125,1	114,8	115,1	+0,3
Kraft paper	130,1	140,9	150,1	+6,5
Boxes, corrugated cardboard	132,4	153,1	153,1	0,0
Leather, bovine hide	135,4	141,5	148,0	+4,6
Rubber crude	105,1	108,1	108,4	+0,3
- Natural	100,0	100,0	100,0	0,0
- Synthetic	110,2	116,2	116,7	+0,4
- Synthetic - Local	110,2	116,2	116,7	+0,4
Tyres and tubes	122,8	129,2	135,1	+4,6
Plastic bottles	117,6	125,7	128,3	+2,1
Plastic, bulk forms	115,0	128,1	133,1	+3,9
Sulphuric acid	102,1	113,5	112,5	-0,9
Glycerine	107,5	107,5	107,5	0,0
Paints	130,8	137,9	139,1	+0,9
Foam insulation materials	145,6	145,6	145,6	0,0
- Polyurethane	145,6	145,6	145,6	0,0
Petro-chemical building materials	131,7	139,7	144,9	+3,7
Waterproofing	125,1	129,9	132,9	+2,3
Resilient floor coverings	154,3	167,9	171,8	+2,3
Petrol, 93 octane - Coast	148,0	229,4	236,3	+3,0
- Witwatersrand	148,0	229,4	236,3	+3,0
Diesel oil - Coast	138,8	221,7	228,0	+2,8
- Witwatersrand	138,8	221,7	228,0	+2,8
Transformer oil	134,5	172,2	175,7	+2,0
Bitumen	118,4	148,2	153,5	+3,6
Tar	149,6	190,3	193,3	+1,6
Bricks - Stock	121,6	126,4	126,4	0,0
- Face	150,4	152,5	152,5	0,0
Sand	130,1	130,1	130,1	0,0
Aggregated crushed stone	134,9	146,6	146,6	0,0
Cement	148,7	159,5	167,4	+5,0
Ordinary and extended cement	136,4	151,1	158,2	+4,7
Natural stone, cut and sawn	112,7	136,3	135,3	-0,7
Glass, for building industry	132,3	133,7	133,7	0,0

Table 16 - Production Price Index for selected materials (concluded)

Base : June 1995 - 100

Type of materials	Indices			%-char
	Jul 1999	Jun 2000	Jul 2000	Jun 2000 and Jul 2000
Ironmongery	111,2	115,6	115,9	+0,3
Drainage	136,1	147,2	147,6	+0,3
Plumbing	111,1	114,2	114,6	+0,4
Ceramic and encaustic wall and floor tiles and mosaics	120,6	124,1	124,1	0,0

Prices - P0142.1

Ceiling materials	117,8	124,6	124,6	0,0
Partitioning materials	117,8	124,6	124,6	0,0
Fibrous insulation - Preformed pipe sections	118,2	118,2	118,2	0,0
- Batten board	117,8	128,3	128,3	0,0
- Mattresses	117,8	128,3	128,3	0,0
- Ceiling insulation	127,3	127,3	127,3	0,0
Insulator, porcelain	100,0	100,0	100,0	0,0
Containers, glass	109,3	110,2	110,2	0,0
Billets, mild steel	123,3	123,3	123,3	0,0
Angles, mild steel	122,6	122,6	122,6	0,0
Structural steel, unworked	119,9	119,9	119,9	0,0
Reinforcing steel	138,1	141,8	141,8	0,0
Plate, mild steel	133,8	133,8	133,8	0,0
Sheet, uncoated	119,6	119,6	119,6	0,0
Sheet, galvanized	133,8	133,8	133,8	0,0
Tinplate	123,1	123,1	123,1	0,0
Steel tubes, pipes and fittings	126,7	127,3	127,3	0,0
Copper, basic forms	107,2	111,4	111,4	0,0
Aluminium - Anodising	111,7	111,7	111,7	0,0
- Basic forms	108,3	122,9	122,9	0,0
- Extruded products	158,0	175,4*	175,4	0,0
- Sheeting	98,8	112,1	116,6	+4,0
Bearings, ball and roller	135,7	142,2	144,7	+1,8
Electrical contracting materials	127,7	130,9	131,3	+0,3
Construction machinery (excluding trucks)	130,2	136,6	136,6	0,0
Trucks	121,8	133,5	133,5	0,0
Civil engineering plant	147,0	154,4	155,2	+0,5
Mining machinery	120,7	127,8	127,8	0,0
Rubber industry's indices:				
Natural rubber (imported)	62,5	62,5	62,5	0,0
SBR tyres 1500 (local)	168,3	168,3	168,3	0,0
Acrylonitrile butadiene rubber KRYNOC 805	100,0	100,0	100,0	0,0
Polychloroprene rubber WRT type (imported)	97,8	97,8	97,8	0,0
Carbon black - N774 (local)	118,3	118,3	118,3	0,0
- N660	131,0	131,0	131,0	0,0
Accelerator ORAC NS (local)	93,4	93,4	93,4	0,0
Anti-oxidant OROX - HR (local)	119,9	119,9	119,9	0,0
- Q	105,1	105,1	105,1	0,0
Anti-ozonant ORFLEX PP (local)	113,6	113,6	113,6	0,0
Bulk yarn - Nylon	116,0	106,2	106,2	0,0
- Cotton	121,4	109,6	109,6	0,0
Stearic acid (local)	100,0	100,0	100,0	0,0
Plasticiser DODP (local)	61,4	61,4	61,4	0,0
Coumarone indene resin (imported)	150,0	150,0	150,0	0,0
Chlorobutyl rubber (imported)	110,0	110,0	110,0	0,0
EPDM Vistalon 5600 (imported)	105,0	105,0	105,0	0,0
Zinc oxide	118,1	118,1	118,1	0,0
Synthetic rubber - 1502	111,5	136,3	162,9	+19,5
- 1712	104,5	127,9	158,9	+24,2
Polybutadiene	106,0	113,0	132,5	+17,3
Processing oil	105,4	105,4	105,4	0,0
Bead wire	95,8	95,8	95,8	0,0
Steel cord wire	118,5	118,5	118,5	0,0
Nylon fabric - 940 X 2	131,6	131,6	131,6	0,0
- 1400 X 2	133,1	133,1	133,1	0,0
Rayon fabric - 1840 X 2	104,9	104,9	104,9	0,0

Revised figures for Aluminium - Extruded products  
May 2000  
175,4

Table 17 - Seasonally adjusted PPI

Description	Mar 2000	Apr 2000	May 2000	Jun 2000	Jul 2000
All commodities for consumption in South Africa	133,1	134,8	134,8	135,8	136,4
Locally produced commodities	132,3	133,6	133,9	134,6	135,3



## Prices - P0142.1

Imported commodities	135,1	137,9	137,1	138,7	139,1
Output of South African industry					
Total output	134,0	135,0	135,6	136,2	136,5
For South African consumption	132,3	133,6	133,9	134,6	135,3
Agriculture, Forestry and Fishing	123,6	125,2	123,8	122,3	120,7
Tobacco and Beverages	144,4	145,8	147,2	147,9	148,1
Textiles, Clothing and Footwear	128,0	128,2	128,5	128,8	129,2
Machinery and Transport equipment	121,2	121,6	122,7	123,4	123,9
Mining, Electricity, Gas and Water	128,9	131,1	132,2	135,5	134,7
Basic metals and Metal products	126,8	127,2	128,4	129,4	129,9
Food	138,5	140,0	139,7	140,2	140,3
Total Manufacturing	134,4	135,7	136,3	136,8	138,0

### Additional information

#### Explanatory Notes

<b>Introduction</b>	<b>1</b>	This publication contains results of the monthly Surveys of Prices of Locally Produced Commodities (which are locally sold or exported) and Imported Commodities. These indices for commodities are classified to designated industries of the South African economy. They are calculated on the base June 1995=100.
<b>Scope of the PPI survey</b>	<b>2</b>	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.
<b>Classification</b>	<b>3</b>	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 statistical units 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. Statistics in this publication are presented at SIC subdivision level.
	<b>4</b>	This publication presents information which measures changes in prices of products, that are produced, imported or exported by establishments (branches). It excludes semi-processed products, which have been produced by the establishment within the manufacturing division and carried over to other establishments within the manufacturing division for further processing.
<b>Statistical unit</b>	<b>5</b>	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 manufacturers, imports or exports.
<b>Survey methodology</b>	<b>6</b>	This survey is collected by mail from a sample of approximately 3 500 manufacturers, 3 500 exporters and 3 500 importers. The indices are based on

Prices - P0142.1

<b>and design</b>		producer prices at the point of production in the case of commodities produced in South Africa, and wholesale prices "ex-warehouse", in the case of imported commodities. Prices "delivered" or "free on rail" are accepted if this is the normal basis of quotation.
<b>Pricing basis</b>	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. <b>The prices of all items exclude Value Added Tax (VAT).</b>
<b>Weighting basis</b>	8	<p>The index is a fixed weights 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 –</p> <ul style="list-style-type: none"> <li>▪ produced during the 1995-96 financial year for locally produced commodities;</li> <li>▪ exported during 1996; and</li> <li>▪ imported during 1996.</li> </ul> <p>These commodities constitute approximately 80 per cent of the total value of production/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 1995/96 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 F.</p>

Table F – 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 10	Commodities for South African consumption	Sales value of South African production minus exports, plus imports
Table 11	Total output of South African industry groups	Sales value of South African production
Table 12	Output of South African industry groups for South African consumption	Sales value of South African production minus exports
Table 13	Imported commodities	Sales value of imported commodities

Prices - P0142.1

Table 14	Exported commodities	Sales value of exported commodities
Table 15	Materials used in certain industries	Value of materials used

<b>Processing of price information</b>	9	The prices that are quoted for the different products are edited to ensure that they are comparable with the prices received for the same products in the previous month. If the price difference between successive periods are outside the specified range, the current price levels are confirmed with the relevant respondents through a telephone inquiry.
<b>Calculating product price indices</b>	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.
<b>Calculating group price indices</b>	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.
<b>Contributions of specific products to the total PPI</b>	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'.
<b>Seasonal adjustment</b>	13	Seasonal fluctuations in a time series are those fluctuations which usually tend to occur at about the same time and with the same magnitude each year. This may be the result of climatic influences or other social and commercial habits (e.g. the price of bread, which was previously revised in October of each year). In the analysis of time series, Stats SA makes use of the X-11 technique, which was developed by the American Bureau of Census. The seasonally adjusted indices for the latest month are calculated with seasonal factors, which are based on a time series analysis of information up to and including the previous month. Therefore, historical seasonally adjusted indices are revised annually in January of each year.
<b>Reliability of estimates</b>	14	Inaccuracies may occur because of imperfections in reporting by enterprises 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.
<b>Related publications</b>	15	Users may also wish to refer to the following publications, which are available from Stats SA - <ul style="list-style-type: none"> <li>• Bulletin of Statistics; and</li> </ul>

Prices - P0142.1

		<ul style="list-style-type: none"> <li>SA Statistics.</li> </ul>
<b>Unpublished statistics</b>	16	In some cases, Stats SA can also make available formation, 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.
<b>Symbols and abbreviations</b>	17	<p>Stats SA Statistics South Africa</p> <p>.. not available</p> <p>- nil or not applicable</p> <p>* revised since previous publication</p> <p>avg average</p>

**GLOSSARY**

<b>Annual percentage change</b>	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.
<b>Average annual percentage change</b>	The 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.
<b>Contribution of specific products to the total PPI</b>	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".
<b>Establishment</b>	An establishment (branch) is the smallest economic unit that functions as a separate entity.
<b>Indicator products</b>	Indicator products are those products whose sale value represent 80% of the total value of sales (turnover) in an industrial subgroup.
<b>Monthly percentage change</b>	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.
<b>Weights</b>	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.
<b>For more information</b>	
Stats SA publishes approximately 400 different releases each year. It is not economically viable to produce them in more than one of South Africa's eleven official languages. Since the releases are used extensively, not only locally but also by international economic and social-scientific communities, Stats SA releases are published in English only.	

Stats SA has copyright on this publication. Users may apply the information as they wish, provided that they acknowledge Stats SA as the source of the basic data wherever they process, apply, utilise, publish or distribute the data: and also that they specify that the relevant application and analysis (where applicable) result from their own processing of data.

#### Advance release calendar

An advance release calendar is disseminated on <http://www.statssa.gov.za>

#### Stats SA products

A complete set of Stats SA publications is available at the Stats SA Library and the following libraries -

National Library of South Africa, Pretoria Division  
National Library of South Africa, Cape Town Division  
Natal Society Library, Pietermaritzburg  
Library of Parliament, Cape Town  
Bloemfontein Public Library  
Johannesburg Public Library  
Eastern Cape Library Services, King William's Town  
Central Regional Library, Pietersburg  
Central Reference Library, Nelspruit  
Central Reference Collection, Kimberley  
Central Reference Library, Mmabatho

Stats SA also provides a subscription service.

#### Electronic services

A large range of data are available via on-line services, diskette and computer printouts. For more details about our electronic data services, contact (012) 310 8095.

You can visit us on the Internet at: <http://www.statssa.gov.za>

#### Enquiries

Telephone number: (012) 310 8095/390/351/040 (user enquiries)  
(012) 310 8421/170/077 (technical enquiries)  
(012) 310 8161 (publishing)  
Fax number: (012) 328 3932  
e-mail: [ppi@statssa.pwv.gov.za](mailto:ppi@statssa.pwv.gov.za)  
Postal address: Private Bag x44, Pretoria, 0001