

Producer Price Index - Agriculture

4th Quarter 2004

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(October – December 2004)

1. Introduction

The Producer Price Index-Agriculture (PPI-A) gives a measure of the average change in the selling prices which producers receive for their agricultural products. The bulk of the products in agriculture, with the exception of forestry, fishing and agricultural services, is taken into account in the producer price index. Thus, almost 90% of the total value of agricultural production is covered.

This issue of the Economic and Social Indicators presents monthly PPI-A indices for the months of October, November and December 2004 as well as figures for preceding months updated in the light of additional information that have now become available.

A technical note on the construction of the PPI-A is annexed.

2. Producer Price Index – Agriculture: 4th Quarter 2004

2.1 Structure of the PPI-A (Base period: 1997=100)

The PPI-A covers two sub-groups, namely "Crop Products" and "Animals and Animal Products". "Crop Products" is further subdivided into "Sugar Cane" and "Other Crop Products". Sugar cane heavily influences both the "overall" index and that of the sub-group "Crop Products", of which it constitutes 69.6% and 82.2% respectively.

2.2 Changes in the monthly index

The PPI-A which stood at 126.4 at the end of September 2004, registered an increase of 0.6% in October followed by two consecutive drops of 0.8% in November and 0.6% in December to reach 125.3. Compared to September 2004, the index for December 2004 fell by 0.9% (Table 1).

(a) Crop Products

The index for the sub-group "Crop Products", which carries 84.6% of the total weight, rose by 1.2% in October and then declined by 1.1% and 0.9% in November and December respectively.

The price of sugar cane becomes available in final form only at the end of the crop year (July to June) and this price is assumed to have prevailed during the whole of the crop year. Thus the Producer Price Index for "Sugar cane" does not show any change during the period under review.

The index for the sub-group "Other Crop Products" went up by 6.8% to reach 128.7 in October 2004, being the combined effect of price increases of 10.2% in fruits, 10.1% in fresh vegetables and 4.5% in "flowers, ornamental plants" and a fall of 1.6% in the prices of root crops. In November, a drop of 12.3% in prices of fresh vegetables and another one of 3.3% in "flowers, ornamental plants", combined with an increase of 4.0% in prices of fruits, caused the index to decline by 6.1% to reach 120.9. The index went down further by 5.5% to attain 114.2 in December as a result of the combined effect of a substantial decrease of 16.9% in the prices of fresh vegetables and increases of 11.8% in the prices of fruits, 2.2% in the prices of "flowers, ornamental plants" and 2.0% in those of root crops.

(b) Animals and Animal Products

The index for the sub-group "Animals and Animal Products" registered a drop of 3.1% in October to reach 121.9 due mainly to decreases of 7.5% in the prices of eggs and 1.2% in those of poultry. However, the index registered two consecutive increases: 1.1% in November to reach 123.2 and 1.4% in December to attain 124.9 consequent to increases of 3.4% and 4.2% in the prices of eggs respectively.

More details of changes on a month-to-month basis are given in Table 2 and changes over the corresponding month of the previous year in Table 3.

2.3 Changes in the quarterly index

Table 4 gives the evolution of the Producer Price Index - Agriculture on a quarterly basis. The overall index for the fourth quarter of 2004 stood at 126.3, showing a fall of 0.9% over the previous quarter and a rise of 0.6% over the corresponding quarter of 2003.

Percentage changes on a quarterly basis and the net contributions of commodity groups and products are presented in Table 5.

2.4 Changes in the annual index

Average prices producers received from the sale of agricultural products in the year 2004 were 3.6% higher compared to the previous year. The annual indices for the years 2002, 2003 and 2004, annual changes and the net contributions of commodity groups and products to the change are presented in Table 6.

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Monthly Producer Price Index -Agriculture (PPI-A)
(Base period:Year 1997=100)

Table 1: Monthly indices by commodity groups and products, January 2002 - December 2004

Commodity Group	Weight	2004											
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Crop Products	846.2	134.3	132.9	136.8	137.4	132.4	130.8	128.5	127.8	126.5	128.0	126.6	125.4
Sugar cane	695.9	127.8 ¹											
Other crop products	150.3	164.4	156.6	178.2	182.0	153.8	144.8	131.7	127.8	120.5	128.7	120.9	114.2
Root Crops	13.2	164.0	123.7	135.2	137.0	143.9	166.0	183.8	182.9	183.5	180.6	180.6	184.3
Fruits	18.7	213.0	166.7	123.2	122.1	119.0	125.3	143.8	131.8	144.4	159.1	165.5	185.0
Fresh vegetables	89.4	163.0	166.2	209.9	215.9	168.4	148.7	120.5	116.2	100.8	111.0	97.3	80.9
Flowers, Ornamental plants	14.2	132.1	128.7	129.6	129.3	127.3	127.9	126.1 ²	128.5 ²	130.8 ²	136.7 ¹	132.2 ¹	135.1 ¹
Tea ¹	8.8	141.7	141.7	141.7	141.7	141.7	141.7	141.7	141.7	141.7	141.7	141.7	141.7
Tobacco ¹	6.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0
Animals & Animal Products	153.8	117.5	122.4	124.0	126.7	126.7	127.1	127.7	127.4	125.8	121.9	123.2	124.9
Cattle	4.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
Pigs	6.2	96.9	96.9	96.9	94.4	94.4	94.4	76.0 ²	71.5 ²	71.5 ²	71.5	71.5	71.5
Goat	1.4	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
Deer	6.2	135.8	135.8	135.8	135.8	135.8	135.0	135.0	135.0	135.0	135.8	135.8	135.8
Poultry	86.2	110.3	114.4	116.4	120.6	120.6	120.7	121.6	121.6	121.6	120.2	120.2	120.2
Eggs	43.2	137.3	146.7	148.2	150.0	149.8	151.3	154.1	153.9 ²	148.1 ²	137.0	141.6	147.6
Milk	6.4	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6
Overall Index	1,000.0	131.7	131.3	134.8	135.8	131.5	130.2	128.4	127.7	126.4	127.1	126.1	125.3

¹ Provisional

² Revised

Monthly Producer Price Index -Agriculture (PPI-A)

(Base period:Year 1997=100)

Table 1 (cont'd) : Monthly indices by commodity groups and products, January 2002 - December 2004

Commodity Group	Weight	2003											
		January	February	March	April	May	June	July	August	September	October	November	December
Crop Products	846.2	118.1	123.7	129.1	128.2	130.1	127.1	130.1	128.3	126.5	126.5	128.6	128.5
Sugar cane	695.9	118.0	118.0	118.0	118.0	118.0	118.0	127.8	127.8	127.8	127.8	127.8	127.8
Other crop products	150.3	118.3	149.9	180.5	175.7	186.2	169.1	140.7	130.5	120.7	120.7	132.5	131.6
Root Crops	13.2	146.9	153.5	141.5	164.5	157.3	149.2	157.0	157.8	157.4	171.2	172.3	174.2
Fruits	18.7	157.3	137.8	122.6	110.2	101.4	102.7	102.5	113.2	136.1	189.0	206.6	201.2
Fresh vegetables	89.4	102.3	158.9	215.8	207.1	227.1	199.5	149.8	130.2	107.9	94.6	111.7	111.0
Flowers, ornamental plants	14.2	115.4	113.0	109.3	107.9	111.7	110.8	115.8	116.3	123.2	124.7	117.3	120.8
Tea	8.8	141.7	141.7	141.7	141.7	141.7	141.7	141.7 ¹					
Tobacco	6.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0
Animals & Animal Products	153.8	109.6	110.8	111.8	112.5	115.9	119.6	120.0	117.2	115.9	110.4	111.7	115.2
Cattle	4.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
Pigs	6.2	129.8	129.8	129.8	126.3	126.3	126.3	107.7	107.7	102.4	99.7	99.7	99.7
Goat	1.4	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
Deer	6.2	133.2	133.2	133.2	133.2	133.2	135.0	135.0	135.0	135.8	135.8	135.8	135.8
Poultry	86.2	108.1	108.1	108.1	108.1	108.3	108.3	110.1	110.3	110.3	110.1	110.1	110.1
Eggs	43.2	110.2	114.4	117.2	120.1	131.8	144.7	145.1	134.7	130.9	112.1	116.7	129.2
Milk	6.4	100.0	100.0	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6
Overall Index	1,000.0	116.8	121.7	126.4	125.8	127.9	125.9	128.5	126.6	124.9	124.0	126.0	126.5

¹ Provisional

Monthly Producer Price Index -Agriculture (PPI-A)

(Base period:Year 1997=100)

Table 1 (cont'd) : Monthly indices by commodity groups and products, January 2002 - December 2004

Commodity Group	Weight	2002											
		January	February	March	April	May	June	July	August	September	October	November	December
Crop Products	846.2	116.8	124.6	127.8	116.8	111.3	113.1	118.6	119.4	120.8	120.7	119.7	121.9
Sugar cane	695.9	107.8	107.8	107.8	107.8	107.8	107.8	118.0	118.0	118.0	118.0	118.0	118.0
Other crop products	150.3	158.2	202.5	220.4	158.4	127.8	137.9	121.3	125.7	133.7	133.3	127.5	140.2
Root Crops	13.2	139.7	164.2	179.2	142.2	170.2	160.0	157.3	155.9	157.7	156.2	154.5	157.0
Fruits	18.7	156.8	137.1	125.5	135.9	134.5	138.1	146.0	153.2	143.9	122.1	220.3	280.5
Fresh vegetables	89.4	171.3	246.3	277.8	177.4	121.7	139.2	109.6	115.4	130.4	133.9	106.2	113.4
Flowers, ornamental plants	14.2	114.2	113.9	106.4	102.5	105.4	106.8	109.9	111.1	112.5	116.0	101.9	109.2
Tea	8.8	141.4	141.4	141.4	141.4	141.4	141.4	141.7	141.7	141.7	141.7	141.7	141.7
Tobacco	6.0	137.2	137.2	137.2	137.2	137.2	137.2	137.2	137.2	137.2	137.2	137.2	137.2
Animals & Animal Products	153.8	109.7	112.2	112.3	113.2	115.2	115.9	116.7	116.5	113.7	108.6	106.4	108.7
Cattle	4.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
Pigs	6.2	106.8	117.3	117.3	117.3	117.3	129.8	129.8	129.8	129.8	129.8	129.8	129.8
Goat	1.4	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
Deer	6.2	128.9	128.9	128.9	128.9	128.9	130.3	130.3	130.3	130.3	132.9	133.2	133.2
Poultry	86.2	106.5	106.7	106.7	106.7	106.7	106.3	106.3	106.3	106.3	106.3	106.3	106.3
Eggs	43.2	117.5	124.5	125.0	128.0	135.1	136.6	139.3	138.8	128.5	110.3	102.1	110.3
Milk	6.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Overall Index	1,000.0	115.7	122.7	125.4	116.2	111.9	113.5	118.3	119.0	119.7	118.8	117.7	119.9

Monthly Producer Price Index -Agriculture (PPI-A)
(Base period:Year 1997=100)

Table 2 : Percentage changes from previous month by commodity groups and products , January 2004 - December 2004

Commodity Group	Weight	Percentage changes from											
		Dec 03 to Jan 04	Jan 04 to Feb 04	Feb 04 to Mar 04	Mar 04 to Apr 04	Apr 04 to May 04	May 04 to June 04	Jun 04 to July 04	July 04 to Aug 04	Aug 04 to Sep 04	Sep 04 to Oct 04	Oct 04 to Nov 04	Nov 04 to Dec 04
Crop Products	846.2	4.5	-1.0	2.9	0.4	-3.6	-1.2	-1.8	-0.5	-1.0	1.2	-1.1	-0.9
Sugar cane	695.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other crop products	150.3	24.9	-4.7	13.8	2.0	-15.5	-5.9	-9.0	-3.0	-5.7	6.8	-6.1	-5.5
Root Crops	13.2	-5.9	-24.6	9.3	1.3	5.0	15.4	10.7	-0.5	0.3	-1.6	0.0	2.0
Fruits	18.7	5.9	-21.7	-26.1	-0.9	-2.5	5.3	14.8	-8.3	9.6	10.2	4.0	11.8
Fresh vegetables	89.4	46.8	2.0	26.3	2.9	-22.0	-11.7	-19.0	-3.6	-13.3	10.1	-12.3	-16.9
Flowers,Ornamental plants	14.2	9.4	-2.6	0.7	-0.2	-1.5	0.5	-1.4	1.9	1.8	4.5	-3.3	2.2
Tea	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tobacco	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Animals & Animal Products	153.8	2.0	4.2	1.3	2.2	0.0	0.3	0.5	-0.2	-1.3	-3.1	1.1	1.4
Cattle	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pigs	6.2	-2.8	0.0	0.0	-2.6	0.0	0.0	-19.5	-5.9	0.0	0.0	0.0	0.0
Goat	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Deer	6.2	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0	0.6	0.0	0.0
Poultry	86.2	0.2	3.7	1.7	3.6	0.0	0.1	0.7	0.0	0.0	-1.2	0.0	0.0
Eggs	43.2	6.3	6.8	1.0	1.2	-0.1	1.0	1.9	-0.1	-3.8	-7.5	3.4	4.2
Milk	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overall Change	1,000.0	4.1	-0.3	2.7	0.7	-3.2	-1.0	-1.4	-0.5	-1.0	0.6	-0.8	-0.6

Monthly Producer Price Index -Agriculture (PPI-A)

(Base period:Year 1997=100)

Table 3: Percentage changes from corresponding month of previous year by commodity groups and products, January 2004-December 2004

Commodity Group	Weight	Percentage changes from											
		Jan 03 to Jan 04	Feb 03 to Feb 04	Mar 03 to Mar 04	Apr 03 to Apr 04	May 03 to May 04	Jun 03 to Jun 04	Jul 03 to Jul 04	Aug 03 to Aug 04	Sept 03 to Sept 04	Oct 03 to Oct 04	Nov 03 to Nov 04	Dec 03 to Dec 04
Crop Products	846.2	13.7	7.4	6.0	7.2	1.8	2.9	-1.2	-0.4	0.0	1.2	-1.6	-2.4
Sugar cane	695.9	8.3	8.3	8.3	8.3	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0
Other crop products	150.3	39.0	4.5	-1.2	3.6	-17.4	-14.4	-6.4	-2.1	-0.2	6.6	-8.8	-13.2
Root Crops	13.2	11.6	-19.4	-4.5	-16.7	-8.5	11.3	17.1	15.9	16.6	5.5	4.8	5.8
Fruits	18.7	35.4	21.0	0.5	10.8	17.4	22.0	40.3	16.4	6.1	-15.8	-19.9	-8.1
Fresh vegetables	89.4	59.3	4.6	-2.7	4.2	-25.8	-25.5	-19.6	-10.8	-6.6	17.3	-12.9	-27.1
Flowers,Ornamental plants	14.2	14.5	13.9	18.6	19.8	14.0	15.4	8.9	10.5	6.2	9.6	12.7	11.8
Tea	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tobacco	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Animals & Animal Products	153.8	7.2	10.5	10.9	12.6	9.3	6.3	6.4	8.7	8.5	10.4	10.3	8.4
Cattle	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pigs	6.2	-25.3	-25.3	-25.3	-25.3	-25.3	-25.3	-29.4	-33.6	-30.2	-28.3	-28.3	-28.3
Goat	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Deer	6.2	2.0	2.0	2.0	2.0	2.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0
Poultry	86.2	2.0	5.8	7.7	11.6	11.4	11.4	10.4	10.2	10.2	9.2	9.2	9.2
Eggs	43.2	24.6	28.2	26.5	24.9	13.7	4.6	6.2	14.3	13.1	22.2	21.3	14.2
Milk	6.4	5.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overall Change	1,000.0	12.8	7.9	6.6	7.9	2.8	3.4	-0.1	0.9	1.2	2.5	0.1	-0.9

Quarterly Producer Price Index -Agriculture (PPI-A)

(Base period: Year 1997=100)

Table 4: Quarterly indices ¹ by commodity groups and products, 1st Quarter 2003 - 4th Quarter 2004

Commodity Group	Weight	2003				2004			
		1st Qr	2nd Qr	3rd Qr	4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr
Crop Products	846.2	123.2	128.4	128.3	128.0	135.2	133.1	127.6	126.8
Sugar cane	695.9	118.0	118.0	127.8	127.8	127.8	127.8	127.8 ²	127.8 ²
Other crop products	150.3	147.2	176.4	130.7	128.8	169.4	157.6	126.8	122.3
Root Crops	13.2	147.0	154.2	157.4	173.0	157.7	154.8	183.5	182.4
Fruits	18.7	146.6	104.6	117.6	200.9	186.6	122.2	140.3	176.2
Fresh vegetables	89.4	153.5	210.7	129.3	106.1	178.0	172.4	112.5	96.6
Flowers, Ornamental plants	14.2	112.6	110.1	118.4	120.9	130.1	128.2	128.5 ³	141.7 ²
Tea	8.8	141.7	141.7	141.7 ²	141.7 ²				
Tobacco	6.0	146.0	146.0	146.0	146.0	146.0 ²	146.0 ²	146.0 ²	146.0 ²
Animals & Animal Products	153.8	110.8	116.0	117.7	112.4	121.3	126.8	127.0	123.3
Cattle	4.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
Pigs	6.2	129.8	126.3	105.9	99.7	96.9	94.4	73.0	71.5
Goat	1.4	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
Deer	6.2	133.2	133.8	135.3	135.8	135.8	135.5	135.0	135.8
Poultry	86.2	108.1	108.2	110.2	110.1	113.7	120.6	121.6	120.2
Eggs	43.2	113.9	132.2	136.9	119.3	144.1	150.4	152.0	142.1
Milk	6.4	101.9	105.6	105.6	105.6	105.6	105.6	105.6	105.6
Overall Index	1,000.0	121.3	126.5	126.7	125.6	133.1	132.1	127.5	126.3

¹ Using data for base period as weights, and not a simple average of the monthly indices

² Provisional

³ Revised

Quarterly Producer Price Index -Agriculture (PPI-A)

(Base period:Year 1997=100)

Table 5: Quarterly changes (%) and Net Contributions of commodity groups and products to the change, 4th Quarter 2003 - 4th Quarter 2004

Commodity Group	Weight	Percentage Changes from previous quarter				Percentage Changes from corresponding quarter of previous year				Net Contributions from			
		4th Qr 03 to 1st Qr 04	1st Qr 04 to 2nd Qr 04	2nd Qr 04 to 3rd Qr 04	3rd Qr 04 to 4th Qr 04	1st Qr 03 to 1st Qr 04	2nd Qr 03 to 2nd Qr 04	3rd Qr 03 to 3rd Qr 04	4th Qr 03 to 4th Qr 04	4th Qr 03 to 1st Qr 04	1st Qr 04 to 2nd Qr 04	2nd Qr 04 to 3rd Qr 04	3rd Qr 04 to 4th Qr 04
		Crop Products	846.2	5.6	-1.6	-4.1	-0.6	9.7	3.7	-0.5	-0.9	6.09	-1.77
Sugar cane	695.9	0.0	0.0	0.0	0.0	8.3	8.3	0.0	0.0	0.00	0.00	0.00	0.00
Other crop products	150.3	31.6	-7.0	-19.5	-3.5	15.1	-10.7	-3.0	-5.0	6.09	-1.77	-4.64	-0.67
Root Crops	13.2	-8.8	-1.8	18.5	-0.6	7.3	0.4	16.6	5.4	-0.20	-0.04	0.38	-0.01
Fruits	18.7	-7.1	-34.5	14.8	25.6	27.3	16.8	19.3	-12.3	-0.27	-1.20	0.34	0.67
Fresh vegetables	89.4	67.8	-3.1	-34.7	-14.1	16.0	-18.2	-13.0	-9.0	6.43	-0.50	-5.36	-1.42
Flowers,Ornamental plants	14.2	7.6	-1.5	0.2	4.8	15.5	16.4	8.5	11.4	0.13	-0.03	0.00	0.09
Tea	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
Tobacco	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
Animals & Animal Products	153.8	7.9	4.5	0.2	-2.9	9.5	9.3	7.9	9.7	1.36	0.84	0.03	-0.56
Cattle	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
Pigs	6.2	-2.8	-2.6	-22.7	-2.1	-25.3	-25.3	-31.1	-28.3	-0.02	-0.02	-0.13	-0.01
Goat	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
Deer	6.2	0.0	-0.2	-0.4	0.6	2.0	1.3	-0.2	0.0	0.00	0.00	0.00	0.00
Poultry	86.2	3.3	6.1	0.8	-1.2	5.2	11.5	10.3	9.2	0.31	0.59	0.09	-0.12
Eggs	43.2	20.8	4.4	1.1	-6.5	26.5	13.8	11.0	19.1	1.07	0.27	0.07	-0.43
Milk	6.4	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.00	0.00	0.00	0.00
Total	1,000.0	6.0	-0.8	-3.5	-0.9	9.7	4.4	0.6	0.6	7.45	-0.93	-4.61	-1.23

Annual Producer Price Index -Agriculture (PPI-A)

(Base period:Year 1997=100)

Table 6 : Annual indices, Annual changes (%) and Net contributions of commodity groups and products to the change, 2002 - 2004

Commodity Group	Weight	Annual index ¹			Percentage Changes from		Net Contributions from	
		2002	2003	2004 ²	2002 to 2003	2003 to 2004	2002 to 2003	2003 to 2004
Crop Products	846.2	118.4	127.0	130.4	7.3	2.7	7.27	2.87
Sugar cane	695.9	112.9	122.9	127.8	8.9	4.0	6.96	3.41
Other crop products	150.3	144.0	146.1	142.5	1.5	-2.5	0.31	-0.54
Root Crops	13.2	156.0	164.3	181.1	5.3	10.2	0.11	0.22
Fruits	18.7	168.7	162.8	167.1	-3.5	2.6	-0.11	0.08
Fresh vegetables	89.4	143.3	145.2	133.4	1.3	-8.1	0.17	-1.05
Flowers, Ornamental plants	14.2	109.2	115.5	130.4	5.8	12.9	0.09	0.21
Tea	8.8	141.6	141.7	141.7	0.1	0.0	0.00	0.00
Tobacco	6.0	137.2	146.0	146.0	6.4	0.0	0.05	0.00
Animals & Animal Products	153.8	112.5	114.2	124.6	1.5	9.1	0.28	1.60
Cattle	4.2	84.8	84.8	84.8	0.0	0.0	0.00	0.00
Pigs	6.2	123.9	115.1	83.7	-7.1	-27.3	-0.05	-0.19
Goat	1.4	112.2	112.2	112.2	0.0	0.0	0.00	0.00
Deer	6.2	130.4	134.5	135.5	3.1	0.7	0.03	0.01
Poultry	86.2	106.5	109.2	119.0	2.5	9.0	0.23	0.84
Eggs	43.2	124.7	125.6	147.1	0.7	17.1	0.04	0.93
Milk	6.4	100.0	104.7	105.6	4.7	0.9	0.03	0.01
Total	1,000.0	117.5	125.0	129.5	6.4	3.6	7.55	4.47

¹ using data for base period as weights, and not a simple average of the monthly indices

² Provisional

Technical Note
Producer Price Index - Agriculture (PPI-A)

Methodology for the construction of the PPI-A

Weighting scheme

The weights are derived by multiplying the average of production during 1996, 1997 and 1998 by the average of unit prices in 1997, the reference period. The weight is assigned to each commodity group on the basis of total production (as a proxy for sales) pertaining to the particular group. At commodity level, the weights are apportioned within the commodity group on the basis of production of each product.

Quarterly and annual indices have been computed using a weighting system based on the production value for the base period.

Price collection

In principle, prices collected should refer to farm-gate prices, but it is extremely difficult to obtain such prices for vegetables, not only because of the enormous resources to be mobilised but also because of the unavailability of a list of planters. Hence, in lieu of the farm-gate price, the wholesale price of the produce is recorded at the two auction markets (Vacoas and Port-Louis) once a week.

In the case of commodities for which prices are fairly stable, data suppliers are visited on a quarterly basis, but prices are collected for each month of the quarter.

Prices of the main commercial crops like sugarcane, tea leaf and tobacco leaf, which are normally fixed for the crop year, are supplied by the respective marketing agencies.

Index calculation

The PPI-A is calculated according to a modified Laspeyres formula:

$$I_t = \frac{\sum W_i(P_{ti}/P_{oi})}{\sum W_i} \times 100$$

where :

I_t is the index for the current period t

P_{ti} is the price of commodity i in the current period t

P_{oi} is the price of the commodity i in the reference period o (1997)

W_i is the weight associated with commodity i