

Producer Price Index - Agriculture (PPI-A) **(October-December 2003)**

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. It covers about 90% of total agricultural production, excluding forestry and fishing.

This issue of the Economic and Social Indicators presents monthly PPI-A indices for the months of October, November and December 2003 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 2003

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 sub-group "Crop Products", of which it constitutes 69.6% and 82.2% respectively. The price of sugar cane itself 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.

2.2 Changes in the monthly index

The PPI-A stood at 119.5 at the end of December 2003, following a slight drop of 0.7% in October, and two consecutive increases of 1.6% in November and 0.3% in December. Compared to 118.0 in September 2003, the index for December 2003 rose by 1.3 % (Table 1).

The index for the sub-group "Crop Products", which carries 84.6% of the total weight, went up by 1.6 % or 1.9 points from 118.4 in September 2003 to 120.3 in December 2003.

The index for the sub-group "Other Crop Products" increased by 9.1% or 10.9 points from 120.3 in September 2003 to 131.2 in December 2003. The index remained unchanged in October since the increases in the prices of root crops, fruits and flowers were offset by the decreases in the prices of most vegetables. On the other hand the index registered a rise of 9.8 % in November, mainly due to increases of 9.3% and 18.1% in the prices of fruits and fresh vegetables (cabbage, carrot, cucumber, lettuce and tomato) respectively. In December the index went down by 0.7% to reach 131.2, due to drops of 2.6% and 0.6% in the prices of fruits and vegetables (tomatoes and pumpkin) respectively .

The index for the sub-group "Animals and Animal Products" decreased by 4.7% or 5.5 points in October, mainly due to decreases of 2.6 % and 14.4% in the prices of pigs and eggs respectively. Subsequently, the index registered two consecutive increases: 1.2% in November and 3.1% in December mainly due to increases of 4.1% and 10.7% in the prices of eggs in the respective months.

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 2003 decreased by 0.9% over the previous quarter and by 0.6% over the corresponding quarter of 2002.

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

2.4 Annual index

The annual indices for the years 2001, 2002 and 2003, annual changes and the net contributions of commodity groups and products to the change are presented in Table 6. The Producer Price Index - Agriculture for 2003 stood at 121.6, representing an increase of 3.5% over 2002.

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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 2001 - December 2003

Commodity Group	Weight	2003											
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Crop Products	846.2	118.0	123.6	129.0	128.2	130.0	127.0	122.0	120.2	118.4	118.4	120.5	120.3
Sugar cane	695.9	118.0	118.0	118.0	118.0	118.0	118.0	118.0 ²					
Other crop products	150.3	118.0	149.5	180.1	175.3	185.8	168.7	140.3	130.1	120.3	120.3	132.1	131.2
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 ¹	137.8 ¹	122.6 ¹	110.2 ¹	101.4 ¹	102.7 ¹	102.5 ¹	113.2	136.1 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 ¹	110.8 ¹	115.8 ¹	116.3 ¹	123.2 ¹	124.7 ²	117.3 ²	117.3 ²
Tea ²	8.8	141.0	141.0	141.0	141.0	141.0	141.0	141.0	141.0	141.0	141.0	141.0	141.0
Tobacco ²	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	109.6	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 ¹	144.7 ¹	145.1 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	116.7	121.6	126.4	125.8	127.8	125.9	121.7	119.7	118.0	117.2	119.1	119.5

¹ Revised

² 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 2001 - December 2003

Commodity Group	Weight	2002											
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
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	158.3	127.8	137.9	121.3	125.6	133.7	133.2	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	141.0	141.0	141.0	141.0	141.0	141.0	141.0 ²					
Tobacco ¹	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

¹ Revised

² 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 2001 - December 2003

Commodity Group	Weight	2001											
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Crop Products	846.2	98.2	100.6	98.1	101.6	104.5	106.1	111.9	109.7	107.9	109.6	108.2	111.9
Sugar cane	695.9	97.2	97.2	97.2	97.2	97.2	97.2	107.8	107.8	107.8	107.8	107.8	107.8
Other crop products	150.3	102.9	116.1	102.3	122.2	138.4	147.4	130.7	118.6	108.1	118.2	110.3	130.9
Root Crops	13.2	118.4	101.5	96.4	113.6	114.2	121.1	140.6	140.5	140.8	140.2	140.3	141.0
Fruits	18.7	130.5	112.7	82.2	83.2	87.4	86.7	87.1	90.5	101.8	148.0	113.3	133.9
Fresh vegetables	89.4	87.7	116.4	101.0	132.6	159.0	172.7	137.7	116.2	95.4	105.5	99.9	129.9
Flowers, Ornamental plants	14.2	109.2	107.9	103.7	97.8	97.3	100.1	123.6	125.8	130.6	113.5	110.6	112.5
Tea	8.8	137.3	137.3	137.3	137.3	137.3	137.3	141.0	141.0	141.0	141.0	141.0	141.0
Tobacco	6.0	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
Animals & Animal Products	153.8	108.3	112.1	111.1	111.7	113.3	118.2	120.1	119.8	117.1	114.3	112.2	112.1
Cattle	4.2	82.1	82.1	82.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
Pigs	6.2	85.5	90.0	94.7	107.9	107.9	107.9	113.2	113.2	113.2	113.2	113.2	113.2
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	120.6	120.6	120.6	120.6	120.6	127.4	127.4	127.4	127.4	128.9	128.9	128.9
Poultry	86.2	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.5	106.5
Eggs	43.2	117.5	130.5	126.1	126.1	131.9	148.4	154.4	153.0	143.5	133.3	125.5	125.3
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	99.8	102.4	100.1	103.2	105.9	108.0	113.2	111.3	109.3	110.3	108.8	111.9

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 2003 - December 2003

Commodity Group	Weight	Percentage changes from											
		Dec 02 to	Jan 03 to	Feb 03 to	Mar 03 to	Apr 03 to	May 03 to	Jun 03 to	July 03 to	Aug 03 to	Sep 03 to	Oct 03 to	Nov 03 to
		Jan 03	Feb 03	Mar 03	Apr 03	May 03	June 03	July 03	Aug 03	Sep 03	Oct 03	Nov 03	Dec 03
Crop Products	846.2	-3.2	4.7	4.4	-0.6	1.4	-2.3	-3.9	-1.5	-1.5	0.0	1.8	-0.2
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	-15.8	26.7	20.5	-2.7	6.0	-9.2	-16.8	-7.3	-7.5	0.0	9.8	-0.7
Root Crops	13.2	-6.4	4.5	-7.8	16.3	-4.4	-5.1	5.2	0.5	-0.3	8.8	0.6	1.1
Fruits	18.7	-43.9	-12.4	-11.0	-10.1	-8.0	1.3	-0.2	10.4	20.2	38.9	9.3	-2.6
Fresh vegetables	89.4	-9.8	55.3	35.8	-4.0	9.7	-12.2	-24.9	-13.1	-17.1	-12.3	18.1	-0.6
Flowers,Ornamental plants	14.2	5.7	-2.1	-3.3	-1.3	3.5	-0.8	4.5	0.4	5.9	1.2	-5.9	0.0
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	0.8	1.1	0.9	0.6	3.0	3.2	0.3	-2.3	-1.1	-4.7	1.2	3.1
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	0.0	0.0	0.0	-2.7	0.0	0.0	-14.7	0.0	-4.9	-2.6	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	1.4	0.0	0.0	0.6	0.0	0.0	0.0
Poultry	86.2	1.7	0.0	0.0	0.0	0.2	0.0	1.7	0.2	0.0	-0.2	0.0	0.0
Eggs	43.2	-0.1	3.8	2.4	2.5	9.7	9.8	0.3	-7.2	-2.8	-14.4	4.1	10.7
Milk	6.4	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overall Change	1,000.0	2.7	4.2	3.9	-0.5	1.6	-1.5	-3.3	-1.6	-1.4	-0.7	1.6	0.3

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 2003-December 2003

Commodity Group	Weight	Percentage changes from											
		Jan 02 to Jan 03	Feb 02 to Feb 03	Mar 02 to Mar 03	Apr 02 to Apr 03	May 02 to May 03	Jun 02 to Jun 03	Jul 02 to Jul 03	Aug 02 to Aug 03	Sept 02 to Sept 03	Oct 02 to Oct 03	Nov 02 to Nov 03	Dec 02 to Dec 03
Crop Products	846.2	1.0	-0.8	0.9	9.8	16.8	12.3	2.9	0.7	-2.0	-1.9	0.7	-1.3
Sugar cane	695.9	9.5	9.5	9.5	9.5	9.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0
Other crop products	150.3	-25.4	-26.2	-18.3	10.7	45.4	22.3	15.7	3.6	-10.0	-9.7	3.6	-6.4
Root Crops	13.2	5.2	-6.5	-21.0	15.7	-7.6	-6.8	-0.2	1.2	-0.2	9.6	11.5	11.0
Fruits	18.7	0.3	0.5	-2.3	-18.9	-24.6	-25.6	-29.8	-26.1	-5.4	54.8	-6.2	-28.3
Fresh vegetables	89.4	-40.3	-35.5	-22.3	16.7	86.6	43.3	36.7	12.8	-17.3	-29.4	5.2	-2.1
Flowers,Ornamental plants	14.2	1.1	-0.8	2.7	5.3	6.0	3.7	5.4	4.7	9.5	7.5	15.1	7.4
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	-0.1	-1.2	-0.4	-0.6	0.6	3.2	2.8	0.6	1.9	1.7	5.0	6.0
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	21.5	10.7	10.7	7.7	7.7	-2.7	-17.0	-17.0	-21.1	-23.2	-23.2	-23.2
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	3.3	3.3	3.3	3.3	3.3	3.6	3.6	3.6	4.2	2.2	2.0	2.0
Poultry	86.2	1.5	1.3	1.3	1.3	1.5	1.9	3.6	3.8	3.8	3.6	3.6	3.6
Eggs	43.2	-6.2	-8.1	-6.2	-6.2	-2.4	5.9	4.2	-3.0	1.9	1.6	14.3	17.1
Milk	6.4	0.0	0.0	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
Overall Change	1,000.0	0.9	-0.9	0.8	8.3	14.2	10.9	2.9	0.6	-1.4	-1.3	1.2	-0.3

Quarterly Producer Price Index -Agriculture (PPI-A)

(Base period:Year 1997=100)

Table 4: Quarterly indices ¹ by commodity groups and products, 1st Quarter 2002 - 4th Quarter 2003

Commodity Group	Weight	2002				2003			
		1st Qr	2nd Qr	3rd Qr	4th Qr	1st Qr	2nd Qr	3rd Qr	4th Qr
Crop Products	846.2	122.3	113.5	119.6	121.5	123.1	128.3	120.2	119.8
Sugar cane	695.9	107.8	107.8	118.0 ²	118.0 ²	118.0 ²	118.0 ²	118.0 ³	118.0 ³
Other crop products	150.3	189.7	139.7	126.9	137.5	146.8	176.0	130.3	128.3
Root Crops	13.2	145.6	159.3	157.1	155.9	147.0	154.2	157.4	173.0
Fruits	18.7	146.6	136.2	147.5	242.2	146.2 ²	104.6 ²	117.6 ²	200.9
Fresh vegetables	89.4	225.9	143.1	118.5	117.1	153.5	210.7	129.3	106.1
Flowers,Ornamental plants	14.2	111.5	104.9	111.2	109.0	112.6	110.1	118.4	119.8
Tea	8.8	141.0	141.0	141.0	141.0	141.0 ³	141.0 ³	141.0 ³	141.0 ³
Tobacco	6.0	137.2 ³	137.2 ³	137.2 ³	137.2 ³	137.2 ³	137.2 ³	137.2 ³	137.2 ³
Animals & Animal Products	153.8	111.4	114.8	115.6	107.9	110.8	116.0	117.7	112.4
Cattle	4.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
Pigs	6.2	113.8	121.5	129.8	129.8	129.8	126.3	105.9	99.7
Goat	1.4	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
Deer	6.2	128.9	129.4	130.3	133.1	133.2	133.8	135.3	135.8
Poultry	86.2	106.6	106.6	106.3	106.3	108.1	108.2	110.2	110.1
Eggs	43.2	122.3	133.2	135.5	107.6	113.9	132.2	136.9	119.3
Milk	6.4	100.0	100.0	100.0	100.0	101.9	105.6	105.6	105.6
Overall Index	1,000.0	120.6	113.7	119.0	119.4	121.2	126.4	119.8	118.7

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

² Revised

³ Provisional

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 2002 - 4th Quarter 2003

Commodity Group	Weight	Percentage Changes from previous quarter				Percentage Changes from corresponding quarter of previous year				Net Contributions from			
		4th Qr 02 to 1st Qr 03	1st Qr 03 to 2nd Qr 03	2nd Qr 03 to 3rd Qr 03	3rd Qr 03 to 4th Qr 03	1st Qr 02 to 1st Qr 03	2nd Qr 02 to 2nd Qr 03	3rd Qr 02 to 3rd Qr 03	4th Qr 02 to 4th Qr 03	4th Qr 02 to 1st Qr 03	1st Qr 03 to 2nd Qr 03	2nd Qr 03 to 3rd Qr 03	3rd Qr 03 to 4th Qr 03
		Crop Products	846.2	1.3	4.2	-6.3	-0.3	0.7	13.0	0.5	-1.4	1.40	4.39
Sugar cane	695.9	0.0	0.0	0.0	0.0	9.5	9.5	0.0	0.0	0.00	0.00	0.00	0.00
Other crop products	150.3	6.8	19.9	-26.0	-1.5	-22.6	26.0	2.7	-6.7	1.40	4.39	-6.87	-0.30
Root Crops	13.2	-5.7	4.9	2.1	9.9	1.0	-3.2	0.2	11.0	-0.12	0.10	0.04	0.21
Fruits	18.7	-39.5	-28.6	12.4	70.8	0.0	-23.2	-20.3	-17.1	-1.79	-0.79	0.24	1.56
Fresh vegetables	89.4	31.1	37.3	-38.6	-17.9	-32.0	47.2	9.1	-9.4	3.25	5.11	-7.28	-2.07
Flowers,Ornamental plants	14.2	3.3	-2.2	7.5	1.2	1.0	5.0	6.5	9.9	0.05	-0.04	0.12	0.02
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	2.7	4.7	1.5	-4.5	-0.5	1.0	1.8	4.2	0.44	0.80	0.26	-0.82
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	0.0	-2.7	-16.2	-5.9	14.1	4.0	-18.4	-23.2	0.00	-0.02	-0.13	-0.04
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	0.1	0.5	1.1	0.4	3.3	3.4	3.8	2.0	0.00	0.00	0.01	0.00
Poultry	86.2	1.7	0.1	1.8	-0.1	1.4	1.5	3.7	3.6	0.16	0.01	0.17	-0.01
Eggs	43.2	5.9	16.1	3.6	-12.9	-6.9	-0.8	1.0	10.9	0.27	0.79	0.20	-0.76
Milk	6.4	1.9	3.6	0.0	0.0	1.9	5.6	5.6	5.6	0.01	0.02	0.00	0.00
Total	1,000.0	1.5	4.3	-5.2	-0.9	0.5	11.2	0.7	-0.6	1.84	5.19	-6.60	-1.10

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, 2001 - 2003

Commodity Group	Weight	Annual index ¹			Percentage Changes from		Net Contributions from	
		2001	2002	2003	2001 to 2002	2002 to 2003	2001 to 2002	2002 to 2003
Crop Products	846.2	106.2	118.4	122.9	11.5	3.8	10.38	3.81
Sugar cane	695.9	102.5	112.9	118.0 ³	10.1	4.5	7.24	3.55
Other crop products	150.3	123.1	144.0	145.7	17.0	1.2	3.14	0.26
Root Crops	13.2	138.9	156.0	164.3	12.3	5.3	0.23	0.11
Fruits	18.7	116.4	168.7	162.8	44.9	-3.5	0.98	-0.11
Fresh vegetables	89.4	121.2	143.3	145.2	18.2	1.3	1.98	0.17
Flowers, Ornamental plants	14.2	111.1	109.2	115.2	-1.7	5.5	-0.03	0.09
Tea	8.8	139.2	141.0	141.0 ³	1.3	0.0	0.02	0.00
Tobacco	6.0	143.3	137.2 ²	137.2 ³	-4.3	0.0	-0.04	0.00
Animals & Animal Products	153.8	114.2	112.5	114.2	-1.5	1.5	-0.27	0.28
Cattle	4.2	84.0	84.8	84.8	1.0	0.0	0.00	0.00
Pigs	6.2	106.3	123.9	115.1	16.6	-7.1	0.11	-0.05
Goat	1.4	112.2	112.2	112.2	0.0	0.0	0.00	0.00
Deer	6.2	124.9	130.4	134.5	4.4	3.1	0.03	0.03
Poultry	86.2	106.3	106.5	109.2	0.2	2.5	0.02	0.23
Eggs	43.2	134.6	124.7	125.6	-7.4	0.7	-0.43	0.04
Milk	6.4	100.0	100.0	104.7	0.0	4.7	0.00	0.03
Total	1,000.0	107.4	117.5	121.6	9.4	3.5	10.11	4.09

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

² revised

³ 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