Inflation Monitor

October 2013



State Bank of Pakistan

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Review

Inflation in Brief

- 1. Headline CPI inflation (2007-08=100) is recorded at 9.1 percent on year-on-year basis in October 2013 as compared to 7.4 percent in the previous month and 7.7 percent in the corresponding month of last year.
- 2. CPI inflation on month-on-month basis is recorded at 2.0 percent in October 2013 as compared to -0.3 percent in the previous and 0.4 percent during the corresponding month of last year. Seasonally adjusted month-on-month CPI inflation is recorded at 1.7 percent in October 2013 compared to -0.1 percent in the previous month.
- 3. Core inflation (trimmed) on year-on-year basis increased to 9.0 percent in October 2013 compared to 7.6 percent in the previous month and 9.7 percent in the corresponding month of last year.
- 4. On month-on-month basis, the Core inflation (trimmed) increased to 0.8 percent in October 2013 as compared to 0.6 percent in the previous month and 0.7 percent in the corresponding month of last year.
- 5. Non-food, non-energy inflation measured by CPI Core (NFNE) on year-onyear basis decreased to 8.4 percent in October 2013 compared to 8.7 percent in the previous month. It was 10.2 percent in the corresponding month of last year.
- 6. Core NFNE inflation on month-on-month basis increased to 0.9 percent in October 2013 as compared to 0.6 percent in the previous month. A 1.2 percent increase in Core NFNE index was observed in October 2012.
- 7. WPI inflation on year-on-year basis increased to 9.8 percent in October 2013 when compared to 8.7 percent a month earlier. During October 2012, WPI inflation was recorded at 7.5%.

- 8. WPI inflation on month-on-month basis is recorded at 1.1 percent in October 2013 as compared to 0.7 percent in the previous month and 0.1 percent in the corresponding month of last year.
- 9. SPI inflation on year-on-year basis increased to 10.9 percent in October 2013 as compared to 7.9 percent in the previous month. It was 6.2 percent in the corresponding month of last year.
- 10. SPI inflation on month-on-month basis recorded at 2.3 percent in October 2013 as compared to -0.1 percent in previous month and was -0.5 percent in October 2012.

1.1 A New Measure of Core Inflation

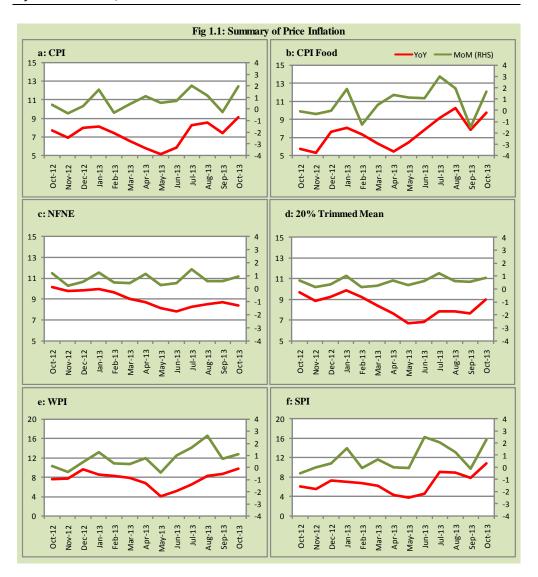
A new method of permanently excluding relatively volatile commodities from CPI basket in Pakistan has been developed by SBP. This is achieved by making use of trimming approach on past data on monthly CPI changes to isolate a Relatively Stable Component of CPI (RSC-CPI) as a new measure of core inflation. This method ensures inclusion of both food and non-food commodities that show persistent price behavior in Pakistan (see technical notes for details). Developments in core inflation measured by RSC- CPI for the month of October 2013 are described below:

- Core inflation based on new measure RSC on year-on-year basis recorded at 8.4 percent in October 2013 compared to 8.5 percent in the previous month and 8.3 percent in the corresponding month of last year.
- Core RSC inflation on month-on-month basis recorded at 0.8 percent in October 2013 compared to 0.5 percent in the previous month and 0.8 percent in the corresponding month of last year.

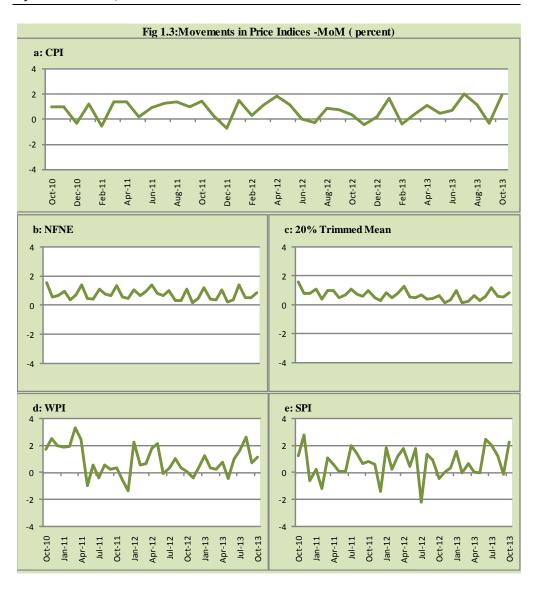
Monthly CPI, WPI and SPI data is summarized in the following table.

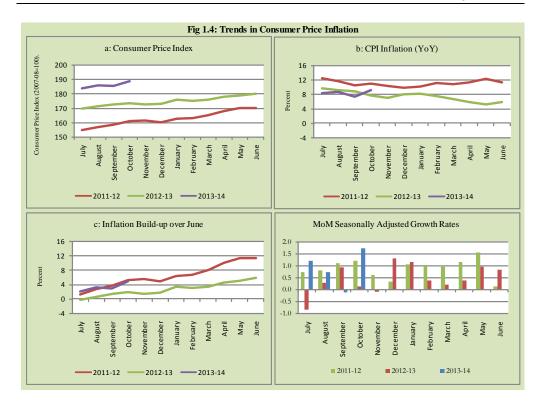
Table 1.1 Inflation Trends (percent) (Base 2007- 08 = 100)

			CPI I	nflatior	1				Core	Inflatio	n		v	VPI	SPI***	
Period	Ge	neral	F	ood		on- ood	NF	NE*	Trin	nmed	R	SC**		lation	Inflation	
	YoY	MoM	YoY	MoM	YoY	MoM	YoY	MoM	YoY	MoM	YoY	MoM	YoY	MoM	YoY	MoM
Oct-12	7.7	0.4	5.8	-0.1	9.0	0.7	10.2	1.2	9.7	0.7	8.3	0.8	7.5	0.1	6.2	-0.5
Nov-12	6.9	-0.4	5.3	-0.3	8.1	-0.4	9.8	0.2	8.8	0.2	7.7	0.2	7.7	-0.4	5.5	0.0
Dec-12	7.9	0.2	7.7	0.0	8.1	0.4	9.8	0.5	9.2	0.3	7.8	0.4	9.6	0.4	7.4	0.3
Jan-13	8.1	1.7	8.1	1.9	8.1	1.5	10.0	1.2	9.9	1.0	7.6	1.1	8.6	1.2	7.1	1.6
Feb-13	7.4	-0.3	7.4	-1.3	7.4	0.4	9.6	0.4	9.2	0.2	7.4	0.4	8.3	0.3	6.8	-0.1
Mar-13	6.6	0.4	6.3	0.5	6.7	0.3	9.0	0.4	8.4	0.2	6.8	0.5	7.9	0.3	6.2	0.6
Apr-13	5.8	1.1	5.5	1.4	6.0	0.9	8.7	1.1	7.6	0.7	6.4	1.0	6.8	0.8	4.3	0.0
May-13	5.1	0.5	6.5	1.1	4.1	0.1	8.1	0.3	6.7	0.3	5.9	0.4	4.1	-0.4	3.8	0.0
Jun-13	5.9	0.7	7.9	1.1	4.4	0.5	7.8	0.4	6.8	0.6	5.5	0.7	5.2	1.0	4.6	2.5
Jul-13	8.3	2.0	9.2	3.0	7.6	1.3	8.2	1.5	7.8	1.2	8.2	1.6	6.5	1.6	9.1	2.1
Aug-13	8.5	1.2	10.3	2.0	7.3	0.6	8.5	0.6	7.9	0.6	8.4	0.6	8.3	2.6	9.0	1.2
Sep-13	7.4	-0.3	7.9	-1.5	7.0	0.6	8.7	0.6	7.6	0.6	8.5	0.5	8.7	0.7	7.9	-0.1
Oct-13	9.1	2.0	9.8	1.7	8.6	2.2	8.4	0.9	9.0	0.8	8.4	0.8	9.8	1.1	10.9	2.3









2. City wise Inflation

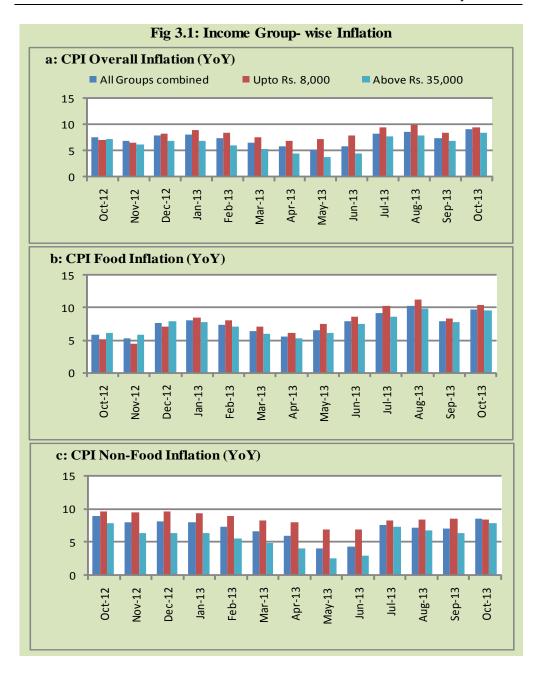
CPI Inflation on year-on-year basis in federal and provincial capitals of Pakistan showed a mixed trend during October 2013. Among these five cities, the lowest inflation was observed in Karachi at 6.7 percent while the highest inflation was observed in Islamabad at 14.3 percent (Table A6 of annexure-A).

Table 2.1 City-wise Inflation of Selected Cities (percent)										
	Oct-12		Sep-	-13	Oct-13					
	MoM	YoY	MoM	MoM YoY		YoY				
Overall CPI	0.4	7.7	-0.3	7.4	2.0	9.1				
Islamabad	0.0	8.0	-0.6	6.1	7.7	14.3				
Karachi	0.6	7.5	-0.3	5.7	1.5	6.7				
Lahore	-0.1	7.5	-0.4	5.8	2.6	8.7				
Peshawar	0.0	5.3	0.1	10.2	1.2	11.6				
Quetta	1.0	8.0	-0.6	8.1	1.7	8.9				

3. Income Group wise Inflation

Income group- wise data showed that income group above Rs. 35,000 witnessed lower inflation than the overall inflation in CPI basket during October 2013 for general, food and non-food groups and also lowest among income groups. The lowest income group (Up to Rs. 8, 000) has the highest inflation in food group among the income groups during the month of October 2013 (Table A7 of annexure-A).

Table 3.1 Income Group- wise Inflation (YoY)											
Income Groups		General			Food		1	Non-food			
	Oct-12	Sep-13	Oct-13	Oct-12	Sep-13	Oct-13	Oct-12	Sep-13	Oct-13		
All Groups Combined	7.7	7.4	9.1	5.8	7.9	9.8	9.0	7.0	8.6		
Up to Rs. 8,000	7.0	8.5	9.6	5.1	8.3	10.4	9.6	8.6	8.4		
Rs. 8,001- 12,000	8.2	8.1	9.1	5.3	8.1	10.1	11.5	8.1	8.0		
Rs. 12,001- 18,000	8.1	7.9	9.9	5.6	7.9	9.9	10.8	7.8	10.0		
Rs. 18,001- 35,000	6.8	7.7	9.8	5.8	7.8	9.8	7.7	7.6	9.9		
Above Rs. 35,000	7.3	6.8	8.4	6.1	7.8	9.5	7.9	6.4	7.9		



4. Weighted Contribution

The weighted contribution of food group in the overall inflation increased to 45.18 percent during October 2013 from 44.97 percent in September 2013. It was 32.26 percent in October 2012.

The weighted contribution of non-food group showed decrease to touch 54.82 percent in October 2013 from 55.03 percent in September 2013.

14010 111	anc 4.1 Weighted Contribution to C11 Inflation (101)									
Period	Food	Clothing & Footwear	Housing, Water, Elect, Gas & Other Fuel	Transport	Education	Others				
Oct-12	32.26	13.20	14.34	15.11	4.52	20.57				
Nov-12	32.78	14.79	15.75	10.05	4.90	21.74				
Dec-12	40.58	14.29	13.76	8.43	4.39	18.56				
Jan-13	41.94	13.53	11.88	10.07	4.20	18.38				
Feb-13	41.59	15.24	12.70	8.00	3.93	18.53				
Mar-13	40.11	14.02	14.27	7.14	4.58	19.89				
Apr-13	39.66	15.99	16.52	1.30	4.17	22.36				
May-13	52.66	17.82	4.28	-0.34	4.91	20.67				
Jun-13	55.58	17.03	3.84	3.09	4.46	15.99				
Jul-13	46.72	13.37	20.20	5.27	3.25	11.19				
Aug-13	50.74	13.02	19.40	1.98	3.35	11.51				
Sep-13	44.97	14.90	22.53	0.16	3.91	13.52				
Oct-13	45.18	11.62	26.61	2.68	3.37	10.55				

5. Inflation Diffusion Index

Table 5.1 Inflation Diffusion Index - based on MoM change Oct-12 Nov-12 Dec-12 Jan-13 Feb-13 Mar-13 Apr-13 May-13 Jun-13 Jul-13 Aug-13 Oct-13 General 39.6 54.7 49.6 51.4 37.9 39.1 40.9 44.5 48.4 58.0 53.5 51.4 53.9 38.3 19.1 33.0 49.6 15.2 22.5 23.9 34.6 50.4 53.5 39.8 36.3 57.4 Food & Non-Alcoholic Beverages 33.3 83.3 83.3 33.3 0.0 0.0 0.0 33.3 100.0 100.0 16.7 66.7 50.0 Alcoholic Beverages & Tobacco Clothing & Footwear 84.7 79.7 89.8 72.9 84.7 59.3 67.8 67.8 55.9 76.3 76.3 83.1 78.0 Housing, Water, Elect, 50.0 22.2 38.9 22.2 58.3 50.0 33.3 61.1 66.7 33.3 16.7 66.7 41.7 Gas & other Fuels Furnishing & Household 79.7 69.6 76.8 63.8 53.6 68.1 69.6 78.3 76.8 78.3 85.5 78.3 82.6 Equip. Maintenance etc Health 17.9 17.9 17.9 23.1 33.3 23.1 30.8 15.4 23.1 20.5 10.3 28.2 10.3 Transport 48.8 11.6 37.2 44.2 46.5 27.9 14.0 27.9 32.6 53.5 39.5 53.5 48.8 Communication 33.3 50.0 16.7 50.0 66.7 16.7 8.3 16.7 33.3 16.7 58.3 33.3 16.7 Recreation & Culture 35.9 17.9 20.5 28.2 25.6 25.6 35.9 30.8 28.2 33.3 41.0 33.3 23.1 Education 43.8 12.5 25.0 6.3 25.0 75.0 25.0 43.8 43.8 50.0 68.8 56.3 25.0 Restaurant & Hotels 100.0 66.7 100.0 100.0 50.0 83.3 100.0 100.0 100.0 83.3 83.3 66.7 66.7 Miscellaneous 80.0 65.7 65.7 51.4 51.4 57.1 54.3 60.0 57.1 60.0 65.7 74.3 40.0 NFNE 62.1 46.4 55.3 52.7 45.9 45.6 49.1 49.4 47.9 58.6 51.8 58.6 55.9

See annexure B (Technical Notes) for the definition of Inflation Diffusion Index.

6. Domestic Commodity Prices

Table 6.1 Inflation in Domestic CPI Food Commodities

Sr.			Oct-	-12	Sep	-13	Oct	t-13
No	Item	Unit	YoY	MoM	YoY	MoM	YoY	MoM
1	Wheat	10 Kg	10.08		24.31		25.26	
2	Wheat Flour Bag	10 Kg	10.47	0.16	22.67	2.67	23.48	0.82
3	Rice Basmati Sup. Qlty.	Kg	19.67	0.64	17.55	0.74	17.73	0.79
4	Pulse Masoor (Washed)	Kg	-7.32	-0.58	10.16	1.16	11.50	0.63
5	Pulse Moong (Washed)	Kg	-17.05	-1.51	4.60	-1.23	5.87	-0.32
6	Pulse Mash (Washed)	Kg	-11.16	-0.31	-3.45	0.15	-3.23	-0.09
7	Pulse Gram	Kg	46.47	-0.81	-31.06	-3.20	-31.25	-1.08
8	Vegetable Ghee (Loose)	Kg	0.11	-1.39	-5.04	-0.49	-3.36	0.36
9	Sugar Refined	Kg	-23.90	1.28	0.72	-0.33	2.59	3.16
10	Milk Fresh (Unboiled)	Ltr	13.02	0.11	7.05	0.00	7.48	0.51
11	Tea- Tapal Danedar	200 Gm	-1.74	0.00	37.40	0.85	38.10	0.51
12	Beef With Bone Av. Qlty.	Kg	9.03	0.54	3.61	0.93	3.36	0.30
13	Mutton Av. Qlty.	Kg	9.47	0.19	6.89	0.74	7.07	0.37
14	Chicken Farm Broiler (Live)	Kg	-13.85	-5.80	12.56	-24.50	19.71	0.18
15	Eggs Farm	Doz	28.68	17.32	9.42	13.20	-7.65	-0.98
16	Potatoes	Kg	-1.13	-0.86	14.95	4.53	44.40	24.54
17	Onion	Kg	3.45	9.53	26.13	-15.63	31.15	13.88
18	Tomatoes	Kg	-30.04	-7.48	29.36	-23.60	50.80	7.85
19	Ginger	Kg	-4.26	28.00	57.97	12.24	33.77	8.39
20	Garlic	Kg	-13.11	1.39	12.10	0.03	11.55	0.89

7. Global Commodity Prices

Table 7.1 Changes in Major Global Indices (percent)

		(P					
Itam/Cnaun	Oct	t-12	Sep	-13	Oct-13		
Item/ Group	YoY	MoM	YoY	MoM	YoY	MoM	
Overall	0.3	-2.0	-1.1	-0.4	-0.6	-1.4	
Food	8.2	-1.7	-7.8	-3.7	-5.9	0.3	
Metals	-8.7	1.9	-1.1	-1.7	-2.4	0.6	
Energy	1.0	-2.8	0.7	0.6	1.0	-2.5	
Agricultural Raw Material	-5.9	-0.5	1.1	0.3	4.0	2.3	
Cotton	-25.9	-2.6	7.1	-2.8	9.0	-0.8	

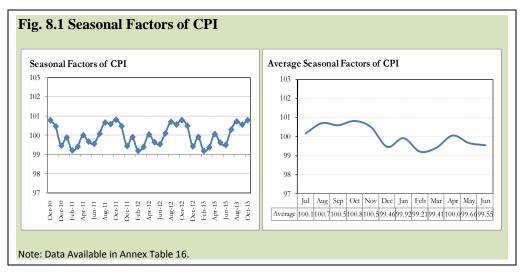
Source: IMF

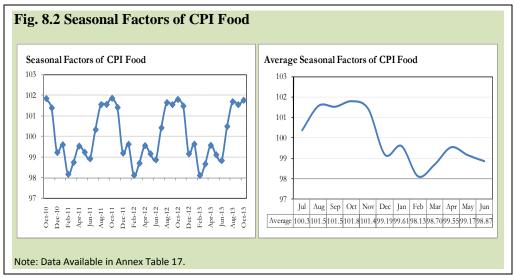
8. Seasonal Adjustment in CPI

Seasonal adjustment is the process of estimating and removing the seasonal effects from a time series after decomposing it into seasonal, trend, cycle and irregular components. The purpose is to identify the different components of the time series and thus provide a better understanding of its underlying behavior. Seasonally adjusted changes are usually preferred for analyzing general price trends in the economy because they eliminate the effect of changes that normally occur at the same time and in about the same magnitude every year. Various statistical methods can be used to decompose a time series into its constituent components. The State Bank of Pakistan uses X-12- ARIMA Seasonal Adjustment Method for this purpose.

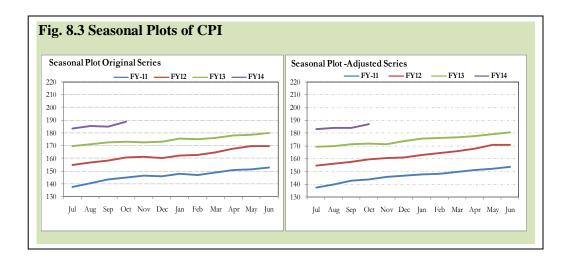
The changes in consumer prices are normally reported in terms of year-on-year and month-on-month basis. Seasonal adjustment is particularly useful for analyzing month-on-month changes. The monthly data series of Consumer Price Index (CPI) from July 2008 to October 2013 has been used for seasonal adjustment analysis. The seasonal analysis is carried out without taking trading-day or Islamic calendar month's effects.

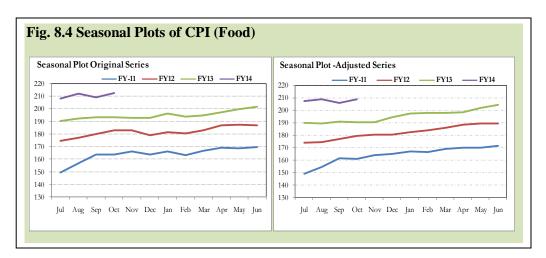
Figure 8.1 reveals that seasonality in CPI has been increasing over the period of last four years. Average seasonal factors reveal strong seasonality during the calendar year. There is an upward seasonality during the months from July to November & April and downward seasonality in the remaining months of the year. Upward and downward seasonality is above and below the trend line respectively. It is important to note that seasonal factors are estimates based on present and past experience and that future data may not necessarily show the same pattern of seasonal factors.





Figures 8.3 & 8.4 show that seasonally adjusted series are relatively smoother than the original series due to the removal of the seasonal variations. The trend follows the long-term movement in original series, and is smoother than the original series because some irregular fluctuations have been removed.





Seasonally adjusted CPI for October 2013 stood at 187.30 against 188.82 in original series showing a decrease of 1.52 on account of adjustment of upward seasonality in October 2013.

Seasonally adjusted CPI food group for October 2013 stood at 208.95 against 212.61 in original series showing a decrease of 3.66 on account of adjustment of upward seasonality in October 2013.

Month-on-month change of seasonally adjusted CPI series stood at 1.73% reflecting inccrease during October 2013 over September 2013 and an increase of 1.97% in original series.

Month-on-month change of seasonally adjusted CPI food group series stood at 1.47% reflecting increase during October 2013 over September 2013 and an increase of 1.68% in original series.

It is important to note that inflation rates should be analyzed on the basis of seasonally adjusted rates. This is especially needed for inflation rates on month-on-month basis. The most recent annual rate of inflation is usually indicated by annualizing the seasonally adjusted month-on-month rate. Annualized rate of CPI inflation in October 2013 (corresponding to the seasonally adjusted month-on-month rate) is 22.81 percent.

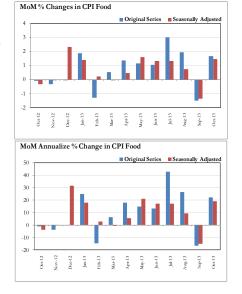
Fig. 8.5 Month-on-Month Percent Changes in CPI

MoM % Changes in CPI

BOriginal Series Seasonally Adjusted

Compared to the c

Fig. 8.6 Month-on-Month Percent Changes in CPI Food



Annexure A

Table A1: CPI Inflation by Groups (percent)										
		ľ	MoM char	ıge	Y	oY change	:			
	Weight	Oct-12	Sep-13	Oct-13	Oct-12	Sep-13	Oct-13			
I. Food Group	37.5	-0.1	-1.5	1.7	5.8	7.9	9.8			
Food & Non-Alcoholic Beverages	34.8	-0.1	-1.7	1.8	5.2	7.5	9.5			
Alcoholic Beverages & Tobacco	1.4	0.0	0.2	0.2	17.9	14.5	14.6			
Restaurant & Hotels	1.2	1.2	2.5	0.9	10.8	12.0	11.7			
II. Non-Food Group	62.5	0.7	0.6	2.2	9.0	7.0	8.6			
Clothing & Footwear	7.6	1.1	0.6	0.5	14.4	14.9	14.2			
Housing, Water, Elect, Gas &. other Fuels	29.4	1.3	0.1	4.1	4.2	6.6	9.5			
Furnishing & Household Equip. Maintenance etc	4.2	0.8	1.1	0.7	14.7	8.9	8.8			
Health	2.2	0.8	1.2	0.6	14.7	6.7	6.5			
Transport	7.2	-1.6	2.1	1.3	15.6	0.1	3.1			
Communication	3.2	0.1	0.0	0.0	0.3	4.9	4.9			
Recreation & Culture	2.0	0.4	0.3	0.2	18.3	10.1	9.8			
Education	3.9	0.4	0.3	0.9	10.1	8.2	8.7			
Miscellaneous	2.8	1.7	1.4	0.7	12.7	5.7	4.7			
Headline	100	0.4	-0.3	2.0	7.7	7.4	9.1			

Table A2: Distribution of Price changes (YoY) of CPI basket												
				No.	of iten	ıs in e	ach in	flatio	n rang	e		
							dued		Moderate		Double digit	
G	0.4		ease or		ease	increase (5%		increase				
Groups	% changes		number tems		nange or less)		% but (%)		ss than		% or	
	Oct-13	Oct-12	Oct-13	Oct-12	Oct-13		Oct-13		Oct-13	more) Oct-12 Oct-13		
I. Food Group	9.8	130	130	36	24	22	13	29	38	43	55	
Food & Non-Alcoholic Beverages	9.5	118	118	36	24	21	13	25	35	36	46	
Alcoholic Beverages & Tobacco	14.6	6	6	0	0	1	0	1	2	4	4	
Restaurant & Hotels	11.7	6	6	0	0	0	0	3	1	3	5	
II. Non-Food Group	8.6	348	348	42	56	38	59	68	121	200	112	
Clothing & Footwear	14.2	59	59	4	3	1	1	7	15	47	40	
Housing, Water, Elect, Gas & other Fuels	9.5	36	36	7	2	3	3	10	22	16	9	
Furnishing & Household Equip. Maintenance etc	8.8	69	69	3	1	5	16	17	34	44	18	
Health	6.5	39	39	13	20	4	6	4	6	18	7	
Transport	3.1	43	43	1	16	4	6	7	19	31	2	
Communication	4.9	12	12	5	2	2	2	2	4	3	4	
Recreation & Culture	9.8	39	39	7	8	8	14	8	4	16	13	
Education	8.7	16	16	2	1	5	5	4	5	5	5	
Miscellaneous	4.7	35	35	0	3	6	6	9	12	20	14	
Overall	9.1	478	478	78	80	60	72	97	159	243	167	
Note: Prices of 9 seasonal items were i	not reported	during th	ne month.									

Tabl	Table A3: Top and Bottom 15 Contributors to CPI Inflation (YoY) in October 2013									
Top	15 Contributors		YoY Ch	ange	Weighted					
Iten	ns/ Contributors	Weights	Oct-12	Oct-13	Contribution					
Rank	xed by Weighted Contribution									
1	House Rent	21.81	6.27	7.86	15.24					
2	Wheat Flour	4.16	9.62	24.32	11.48					
3	Electricity	4.40	16.39	15.82	8.69					
4	Milk Fresh	6.68	13.09	7.29	6.66					
5	Fresh Vegetable	1.75	-8.24	16.75	4.06					
6	Education	3.94	10.06	8.70	3.37					
7	Tea	0.84	1.47	24.93	2.70					
8	Footwear	1.55	16.08	18.52	2.61					
9	Potatoes	0.45	-1.13	44.41	2.57					
10	Cotton Cloth	1.73	7.13	14.61	2.54					
11	Onion	0.51	3.45	31.16	2.48					
12	Cigarette	1.39	18.03	14.72	2.48					
13	Chicken	1.36	-13.85	19.71	2.46					
14	Tomatoes	0.42	-30.04	50.79	2.10					
15	Rice	1.58	12.95	11.81	2.04					
	Total	52.58			71.49					
Botto	om 15 Contributors									
1	Spices	0.54	7.29	-18.10	-1.64					
2	Pulse Gram	0.24	46.46	-31.25	-1.12					
3	Vegetable Ghee	2.07	4.03	-4.20	-0.90					
4	Besan	0.15	42.05	-27.56	-0.62					
5	Gram Whole	0.16	14.63	-23.33	-0.55					
6	Egg	0.46	28.67	-7.65	-0.48					
7	Cooking Oil	1.75	13.79	-2.53	-0.47					
8	Personal Equipments	0.84	15.46	-1.36	-0.19					
9	Pulse Mash (Washed)	0.21	-11.16	-3.24	-0.08					
10	Mustard Oil	0.10	7.25	-2.48	-0.02					
11	Medical Equipment	0.01	14.96	6.54	0.01					
12	Kerosene Oil	0.01	19.17	7.15	0.01					
13	Motor Vehicle Tax	0.11	25.73	1.13	0.01					
14	Blades	0.03	9.85	5.04	0.02					
15	Betel Leaves & Nuts	0.02	7.53	7.99	0.02					
	Total	6.70			-6.00					

Table A3.1: Top and Bottom 15 Contributors to CPI Inflation (MoM) in October 2013								
Top 15 Contributors		MoM C	<u>hange</u>	Weighted				
Items/ Contributors	Weights	Sep-13	Oct-13	Contribution				
Ranked by Weighted Contribution								
1 Electricity	4.40	0.00	15.82	37.54				
2 House Rent	21.81	0.00	1.59	14.08				
3 Fresh Vegetable	1.75	4.79	10.10	11.22				
4 Potatoes	0.45	4.53	24.54	7.11				
5 Onion	0.51	-15.63	13.89	5.50				
6 Motor Fuel	3.03	2.93	2.58	4.08				
7 Milk Fresh	6.68	0.00	0.49	2.07				
8 Wheat Flour	4.16	2.80	0.79	1.99				
9 Tomatoes	0.42	-23.60	7.85	1.96				
10 Sugar	1.04	-0.33	3.16	1.76				
11 Education	3.94	0.28	0.85	1.54				
12 Fresh Fruits	1.86	-15.48	1.19	1.18				
13 Personal Care	1.49	0.68	1.34	1.03				
14 Ready Made Food	1.23	2.48	0.94	0.71				
15 Transport Services	2.70	1.71	0.41	0.62				
Total	55.49			92.41				
Bottom 15 Contributors								
1 Personal Equipments	0.84	2.42	-0.64	-0.38				
2 Egg	0.46	13.20	-0.98	-0.25				
3 Tea	0.84	0.65	-0.30	-0.18				
4 Pulse Gram	0.24	-3.20	-1.08	-0.12				
5 Gram Whole	0.16	-2.29	-1.30	-0.10				
6 Besan	0.15	-1.19	-0.87	-0.06				
7 Pulse Moong	0.23	-1.22	-0.32	-0.05				
8 Pulse Mash (Washed)	0.21	0.15	-0.10	-0.01				
9 Mustard Oil	0.10	0.00	-0.20	-0.01				
10 Spices	0.54	-0.72	-0.02	-0.01				
11 Motor Vehicle Tax	0.11	0.00	0.00	0.00				
12 News Papers	0.19	0.00	0.00	0.00				
13 Gas	1.58	0.00	0.00	0.00				
14 Postal Services	0.07	0.00	0.00	0.00				
15 Medical Equipment	0.01	1.41	0.00	0.00				
Total	5.72			-1.16				

Table A3.2: Top Fifteen Contribut	ors to CPI Inf	flation (YoY)	in October	2013
		YoY Ch	nange	Weighted
Items/ Contributors	Weights	Oct-12	Oct-13	Contribution
A. Ranked by Percentage Change				Contribution
1 Tomatoes	0.42	-30.04	50.79	2.10
2 Potatoes	0.45	-1.13	44.41	2.57
3 Onion	0.51	3.45	31.16	2.48
4 Wheat	0.35	10.08	25.26	0.95
5 Tea	0.84	1.47	24.93	2.70
6 Postal Services	0.07	5.98	24.87	0.18
7 Wheat Flour	4.16	9.62	24.32	11.48
8 Gur	0.02	-21.58	22.84	0.07
9 Chicken	1.36	-13.85	19.71	2.46
10 Footwear	1.55	16.08	18.52	2.61
11 Wheat Product	0.10	6.10	18.24	0.19
12 Cosmetics	0.39	8.42	17.01	0.62
13 Fresh Vegetable	1.75	-8.24	16.75	4.06
14 Woolen Readymade Garments	0.40	19.74	16.07	0.68
15 Text Books	0.57	40.00	16.01	1.34
Total	12.92			34.50
B. Ranked by Weights				
1 House Rent	21.81	6.27	7.86	15.24
2 Milk Fresh	6.68	13.09	7.29	6.66
3 Electricity	4.40	16.39	15.82	8.69
4 Wheat Flour	4.16	9.62	24.32	11.48
5 Education	3.94	10.06	8.70	3.37
6 Communication & Apparatus	3.15	0.09	4.26	1.05
7 Motor Fuel	3.03	18.76	1.02	0.38
8 Transport Services	2.70	13.25	3.70	1.27
9 Meat	2.43	9.17	4.58	1.55
10 Vegetable Ghee	2.07	4.03	-4.20	-0.90
11 Fresh Fruits	1.86	-0.57	3.37	0.76
12 Fresh Vegetable	1.75	-8.24	16.75	4.06
13 Cooking Oil	1.75	13.79	-2.53	-0.47
14 Cotton Cloth	1.73	7.13	14.61	2.54
15 Rice	1.58	12.95	11.81	2.04
Total	63.07			57.73

Note: Weighted contribution is estimated by multiplying the weights by the price change of an item; this is then reported as a share in YoY change in CPI, which is 9.1 percent in October, 2013.

Tab	le A3.3: Top Ten Contributors t	to CPI Food	Inflation (Yo	Y) in Octob	er 2013
			YoY Ch	nange	Weighted
Item	s/ Contributors	Weights	Oct-12	Oct-13	Contribution
A. R	anked by Weighted Contribution				
1	Wheat Flour	4.16	9.62	24.32	11.48
2	Milk Fresh	6.68	13.09	7.29	6.66
3	Fresh Vegetable	1.75	-8.24	16.75	4.06
4	Tea	0.84	1.47	24.93	2.70
5	Potatoes	0.45	-1.13	44.41	2.57
6	Onion	0.51	3.45	31.16	2.48
7	Cigarette	1.39	18.03	14.72	2.48
8	Chicken	1.36	-13.85	19.71	2.46
9	Tomatoes	0.42	-30.04	50.79	2.10
10	Rice	1.58	12.95	11.81	2.04
	Total	19.14			39.04
B. R	anked by Percentage Change				
1	Tomatoes	0.42	-30.04	50.79	2.10
2	Potatoes	0.45	-1.13	44.41	2.57
3	Onion	0.51	3.45	31.16	2.48
4	Wheat	0.35	10.08	25.26	0.95
5	Tea	0.84	1.47	24.93	2.70
6	Wheat Flour	4.16	9.62	24.32	11.48
7	Gur	0.02	-21.58	22.84	0.07
8	Chicken	1.36	-13.85	19.71	2.46
9	Wheat Product	0.10	6.10	18.24	0.19
10	Fresh Vegetable	1.75	-8.24	16.75	4.06
	Total	9.95			29.07
C. R	anked by Weights				
1	Milk Fresh	6.68	13.09	7.29	6.66
2	Wheat Flour	4.16	9.62	24.32	11.48
3	Meat	2.43	9.17	4.58	1.55
4	Vegetable Ghee	2.07	4.03	-4.20	-0.90
5	Fresh Fruits	1.86	-0.57	3.37	0.76
6	Fresh Vegetable	1.75	-8.24	16.75	4.06
7	Cooking Oil	1.75	13.79	-2.53	-0.47
8	Rice	1.58	12.95	11.81	2.04
9	Cigarette	1.39	18.03	14.72	2.48
10	Chicken	1.36	-13.85	19.71	2.46
	Total	25.05			30.12

Note: Weighted contribution is estimated by multiplying the weights by the price change of an item; this is then reported as a share in YoY change in CPI Food, which is 9.8 percent in October, 2013.

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Tab	le A3.4: Top Ten Contributors to	CPI Non-1000			er 2013
T4	Contract of the second	XX 7 . * . 1. 4	YoY Ch		Weighted
	s/ Contributors	Weights	Oct-12	Oct-13	Contribution
	anked by Weighted Contribution				
1	House Rent	21.81	6.27	7.86	15.24
2	Electricity	4.40	16.39	15.82	8.69
3	Education	3.94	10.06	8.70	3.37
4	Footwear	1.55	16.08	18.52	2.61
5	Cotton Cloth	1.73	7.13	14.61	2.54
6	Tailoring	0.88	16.69	15.29	1.74
7	Text Books	0.57	40.00	16.01	1.34
8	Transport Services	2.70	13.25	3.70	1.27
9	Ready Made Garment	0.97	17.48	11.94	1.27
10	Personal Care	1.49	11.61	7.09	1.20
	Total	40.06			39.28
B. R	anked by Percentage Change				
1	Postal Services	0.07	5.98	24.87	0.18
2	Footwear	1.55	16.08	18.52	2.61
3	Cosmetics	0.39	8.42	17.01	0.62
4	Woolen Readymade Garments	0.40	19.74	16.07	0.68
5	Text Books	0.57	40.00	16.01	1.34
6	Electricity	4.40	16.39	15.82	8.69
7	Tailoring	0.88	16.69	15.29	1.74
8	Cotton Cloth	1.73	7.13	14.61	2.54
9	Dopatta	0.44	19.53	13.19	0.69
10	Sewing Needle & Dry Cell	0.15	11.50	13.03	0.19
	Total	10.57			19.28
C. R	anked by Weights				
1	House Rent	21.81	6.27	7.86	15.24
2	Electricity	4.40	16.39	15.82	8.69
3	Education	3.94	10.06	8.70	3.37
4	Communication & Apparatus	3.15	0.09	4.26	1.05
5	Motor Fuel	3.03	18.76	1.02	0.38
6	Transport Services	2.70	13.25	3.70	1.27
7	Cotton Cloth	1.73	7.13	14.61	2.54
8	Gas	1.58	-42.09	7.05	0.95
9	Footwear	1.55	16.08	18.52	2.61
10	Personal Care	1.49	11.61	7.09	1.20

Note: Weighted contribution is estimated by multiplying the weights by the price change of an item; this is then reported as a share in YoY change in CPI Non-food, which is 8.6 percent in October, 2013.

Total

45.39

37.31

Table A	4: Distribution	of Price Changes (YoY) - Selected C	PI Items: October 2013
Groups	Decrease or no change	Subdued increase (Up to 5%)	Moderate increase (5 to 10%)	More than 10% increase
Food & Non- Alcoholic Beverages	Chillies Powd.National 200 Gm, Pulse Gram, Besan Av. Qlty., Gram Whole Yellow Av.Qlty, Gram Whole Black Av Qlty	Spinach, Squash-Mitchelles, Powder Milk Nido 400Gm., Beef with Bone Av.Qlty., Coconut Dry Av.Qlty., Sugar Refined, Saunf	Arvi, Fish-Rahu Medium Size, Rice Basmati Broken Avg. Qlty, Mineral Water Nestle 1.5 Litre, Rusk (Papay), Patties (Vegetables)	Chillies Green, Tomatoes, Ice Cream Walls, Potatoes, Tapal Danedar Tea 200 Gm, Ginger, Onion, Tea Lipton Yellow Label 200 Gm, Radish, Cauliflower, Wheat, Wheat Flour Fine/Superior, Wheat Flour Avg. Qlty
Alcoholic Beverages & Tobacco			Betel Leaves, Betel Nuts	Cigarettes K-20,S, Cigarettes Gold Leaf 20,S, Cigarettes Capstan 20,S, Cigarettes Morven Gold 20,S
Clothing & Footwear	Gents Spoung Chappal Bata, Ladies Spoung Chappal Bata, Ladies Sandal Bata	Heavy Wt Suiting Law.Pur Av. Qlty	Foot Wear Local (Female), Azarband Cotton Avg. Qlty, Pullover Gents Oxford/Bon, Vest/Shameez (Women) Avg. Qlty, Pant Cloth Wash & Wear Av.Qlty	Gents Shoe, Art 1109 Servis, Gents Shoes Paul Bata, Sports Shoes, Secondhand Winter Jacket, Shirting Av.Qlty., Child Shoe Power Lite Bata, Secondhand Sweater For Men, Tailoring Suit (Female), Georgette Av.Qlty, Gents Sandal Bata, Shoe Polish Charges Avg
Housing, Water, Elect, Gas & other Fuels	Elect. Charges Upto 50 Units, Elect. Charges 01 - 100 Units	Bricks (New) Ist Class, Iron Bar (M.S. Bar) 1/2", Bajree	Firewood Whole, Cement (Local), Mason (Raj) Wage Rate, Water Charges Per House, Electrician Wage Rate(P/Day)	Elect. Charges 301 - 1000 Units, Elect. Charges 101 - 300 Units, Electrician Wage Rate (P/Pnt), Elect. Charges Overall/ Combined, Elect. Charges Above 1000 Units, Timber Shesham Log, Plumber Wage Rate
Furnishing & Household Equip.	Air conditioner 1.5 Ton PEL	Tube Light Philips 40 Watt, Gizer Large Size 30 Gallon, Mattress Single (4"Thick), Table Spoon S. Steel Sup. Qlty, Harpic	Single Bed without Foam, Table Shesham Wood, Dari Cotton (6'X2 1/2'), Household Servant Female (Part Time)	Match Box (Small), Boot Polish Cherry/Kiwi 50 MI, Washing Powder (Wheel/ Bonus), Cleanser Powder Vim 1000 Gms, Finis 500 MI, Robin Blue (35 Gms), Surf Excel 400 Gms Poly Bag, Bed Sheet Single Bed Sup. Qlty
Health	Calcium Syrup Sandoz, Burnol Cream 30 Gm, Amoxil Capsole 250 Mg., Polyfax Eye Ointment, Daonil Tab. 5 Mg.	Dettol (Medium), Sugar Test (Random/Fasting), Glycerin Small Bottle, ECG Charges, Gripe-Water Woodwards, Cac. 1000 Tab	Test (Cp) Charges, Urine Test (Dr) Charges, Thermometer China	120 MI.
Transport	Train Fare A/C Slp.101- 500, Train Fare A/C Slp > 500K, Train Fare A/C Slp. 1-100, Train Fare Eco. 1- 100 Km., CNG	Motorcycle Yamaha 100 CC, Suzuki Fare Maximum within City, Car Toyota 1300 CC, Full Tonga Charges, Motorcycle Honda CD-70	Petrol Super, Car Service Charges, Minibus Fare Min. Within City, Bus Fare Outside City (A/C), Motor Cycle Service Charges	Bus Fare Outside City (Non A/C), Cycle Overhauling Charges
Communic	Postal Envelope Domestic, Mobile Cell Charges	Postal Envelope For Saudi Arabia, Mobile Set Nokia/Sony/Ericsson Av.Qlty	Telephone Charges Local Call, Telephone Charges Outside City, Internet Charges, Telephone Set Av. Qlty	U.M.S. Reg Charges Min., T.C.S. Ch. Min. within Zone, Fax Charges (Local), Postal Registration Charges
Recreation & Culture	English Book BA/B.Sc, T.V. 20" Colored Sony, Tape Recorder Cassette (Blank), V.C.P. Panasonic/LG/National, TV License Fee Domestic	Maths Book Ist. Year (T.B. Board), Fountain Pen Hero/Wings/China, Pencil Goldfish/Deer, Personnel Computer (Branded), Video Cassette Blank. Tdk/Sony	Urdu Book Ist Year/ Inter, Exercise Book Lined 80/10, Ball Pen (Local), Paper Fool Scape (27"X17")	Maths Book Calss V (T.B.Board), Urdu Book Class V (T.B.Board), English Book Class IX or X, Daily "Jang", Daily "Nawa-e-Waqt", Cinema Non-A/C High Class, Cinema A/C High Class, Pen Ink Dollor 57 Ml Bottle, Pakistan Studies Book BA/B.Sc, Eng. Book Ist. Yr Complete Set
Education	Coaching Charges For Class XI/ XII Commerce Group	Pvt School Fee Eng. Med (Class-X), Govt. Engg. Coll. Fee Ist Year, I.T. Tuition Fees	Pvt School Fee Eng. Med (Class-V), Coaching Fee For Class IX/ X, Pvt School Fee Eng. Med (Class-I)	Govt. University Fee MSc/ MA, Govt. College Fee Ist. Year, Pvt Eng. College Fee (Ist Year), Pvt Med. College Fee MBBS(Ist Year), Govt. College Fee 4th Year
Restaura nt & Hotels			Chicken Biryani Full/Double	Cooked Beef (Av. Hotel), Bread Tandoori St. Size, Cooked Mutton (Av. Hotel), Tea Prepared (Ordinary), Cooked Dal (Av. Hotel)
Miscellaneo us	Toothpaste Med Size Colgate 70Gms, Silver Tezabi 24 Ct, Gold Tezabi 24 Ct	Toilet Soap Safeguard Bath Size, Talc Powder Viceroy/ Black Cat, Blade 7-O-Clock Steel (5)	Removing Cream (EU- Cream), Disposable Razor	Perfume Med. Size Medora/Broche, Toilet Soap Lux 95 Gms, Purse Ladies (Leather) Av. Qlty, Artificial Jewellary Set, Shaving Charges, Suitcase Rexin (24"X16"X6")

Table A5: City	- wise	CPI I	nflatio	on by	Incon	ne Gr	oups	, Octob	er 20)13			
			Up to Rs	s: 8000						Rs 8001	- 12000		
	Gene		Foo	d	Non-I			Gene	ral	Fo		Non-F	
	MoM	YoY	MoM	YoY	MoM	YoY		MoM	YoY	MoM	YoY	MoM	YoY
1 Rawalpindi	1.9 5.9	9.8 14.6	2.1 2.3	10.1 12.0	1.6 10.9	9.4 18.0		2.0 5.8	10.1 14.2	2.3 2.0	10.2 12.0	1.7 10.5	10.0
2 Islamabad 3 Lahore	2.4	9.3	3.4	11.6	0.9	5.9		2.5	9.4	3.5	12.0	10.3	16.8 6.2
4 Guiranwala	1.6	7.7	1.8	7.7	1.5	7.7		1.6	7.7	1.6	7.5	1.6	7.8
5 Sialkot	2.1	8.6	3.0	8.1	0.8	9.2		2.0	8.4	2.8	7.7	1.0	9.2
6 Faisalabad	2.1	12.7	1.9	13.0	4.0	12.2		2.8	12.3	1.7	12.8	4.1	11.8
7 Multan	2.0	9.2	2.2	10.5	1.8	7.5		2.0	8.9	2.3	10.1	1.9	7.6
8 Sargodha	3.2	10.6	4.1	11.8	2.2	9.3		3.0	10.3	3.8	11.3	2.3	9.2
9 Bahawalpur	2.9	9.4	4.4	10.2	1.3	8.5		2.8	9.0	4.0	9.4	1.5	8.6
10 Karachi	1.5	7.5	1.8	10.2	1.1	4.0		1.5	7.1	1.8	9.3	1.2	4.5
11 Hyderabad	1.3	8.1	1.3	10.0	1.2	5.4		1.3	7.7	1.2	9.4	1.3	5.7
12 Sukkur	1.4	7.4	1.8	6.8	0.9	8.3		1.3	7.4	1.6	6.6	1.1	8.3
13 Larkana	2.2	13.1	2.7	12.4	1.6	13.9		2.3	13.3	2.9	13.1	1.7	13.4
14 Peshawar	1.3	11.9	1.5	10.5	1.0	13.6		1.2	11.5	1.3	10.2	1.1	13.0
15 Bannu	0.5	8.7	0.2	10.2	0.9	6.8		0.6	8.6	0.2	10.1	1.1	7.0
16 Quetta	1.8	9.7	1.3	9.8	2.4	9.5		1.8	9.2	1.2	9.2	2.4	9.2
17 Khuzdar	0.4	6.1	0.0	7.3	0.9	4.8		0.5	6.3	0.0	7.0	1.1	5.5
			Rs 12001	-18000						Rs 1800	1-35000		
	Gene		Foo		Non-H	Food		Gene		Fo		Non-F	'ood
	MoM	YoY	MoM	YoY	MoM	YoY		MoM	YoY	MoM	YoY	MoM	YoY
1 Rawalpindi	1.8	10.4	2.4	10.6	1.3	10.2		2.3	10.3	2.5	10.7	2.1	10.0
2 Islamabad	6.7	15.3	2.0	12.2	11.7	18.6		8.9	16.9	2.3	12.3	15.0	21.1
3 Lahore	2.3	9.3	3.6	12.0	0.9	6.4		2.9	9.4	3.7	12.1	2.1	6.8
4 Gujranwala	1.3	7.3	1.4	7.1	1.2	7.4		1.7	7.3	1.1	6.9	2.2	7.7
5 Sialkot	1.8	8.7	2.9	8.5	0.6	9.0		2.3	8.8	2.8	8.2	1.9	9.2
6 Faisalabad	2.8	12.3	1.6	12.5	4.0	12.1		3.4	11.8	1.4	12.3	5.3	11.3
7 Multan	1.9	9.0	2.2	10.0	1.5	7.9		2.6	9.1	2.4	10.1	2.7	8.2
8 Sargodha	2.9	10.1	3.9	11.2	2.0	9.0		3.2	9.8	3.9	11.0	2.8	8.9
9 Bahawalpur	2.5	9.1	4.0	9.4	1.2	8.8		2.8	8.3	3.9	9.0	2.0	7.9
10 Karachi	1.3	7.0	1.8	9.2	0.8	4.6		1.7	7.1	1.6	9.1	1.8	5.3
11 Hyderabad	1.0	7.4	1.1	9.1	0.9	5.6		1.5	7.4	0.9	8.8	2.1	6.1
12 Sukkur	1.0	7.0	1.3	6.1	0.7	7.9		1.5	6.6	1.1	5.3	1.8	7.8
13 Larkana	2.1	13.6	2.7	13.4	1.5	13.8		2.5	13.6	2.7	13.7	2.3	13.5
14 Peshawar	0.9	11.5	1.3 0.2	10.1	0.5	13.0		1.4	11.4	1.3	9.6	1.5	12.8
15 Bannu	0.5	8.8		10.2	0.7	7.5		0.9	8.8	0.2	10.0	1.6	7.8
16 Quetta	1.5 0.3	9.0 6.0	1.0 -0.1	8.5	2.0 0.8	9.5 5.3		1.8 0.9	9.0 6.0	0.8	8.1 6.3	2.6 1.7	9.7
17 Khuzdar	0.3			6.7	0.8	3.3		0.9	0.0			1./	5.8
	Gene		Above Ra		Non-H	bool		Gene	ral	<u>Coml</u> Fo		Non-F	boo'
	MoM	YoY	MoM	YoY	MoM	YoY		MoM	YoY	MoM	YoY	MoM	YoY
1 Rawalpindi	2.0	9.6	2.2	10.9	1.9	9.0		2.0	9.8	2.3	10.7	1.7	9.1
2 Islamabad	7.9	14.2	2.0	12.1	11.2	15.4		7.7	14.3	2.1	12.1	12.4	16.0
3 Lahore	2.7	8.2	3.9	12.6	2.0	5.8		2.6	8.7	3.8	12.2	1.7	5.9
4 Gujranwala	1.5	6.6	0.7	6.6	1.9	6.5		1.6	7.2	1.2	7.0	1.9	7.3
5 Sialkot	2.3	8.6	2.7	8.3	2.1	8.7		2.2	8.6	2.7	8.2	1.7	8.9
6 Faisalabad	3.7	10.7	1.0	11.7	5.1	10.2		3.3	11.7	1.5	12.3	4.7	11.2
7 Multan	2.4	7.9	2.3	9.7	2.5	7.0		2.3	8.5	2.3	10.0	2.3	7.5
8 Sargodha	3.3	9.5	4.1	11.2	3.0	8.7		3.2	10.0	3.9	11.3	2.8	9.1
9 Bahawalpur	2.5	8.3	4.0	9.4	1.9	7.7		2.8	8.7	4.1	9.5	1.9	8.2
10 Karachi	1.6	6.6	1.4	9.0	1.7	5.3		1.5	6.7	1.6	9.1	1.5	4.9
11 Hyderabad	1.5	6.3	0.7	8.4	2.0	5.2		1.4	7.1	1.0	8.9	1.8	5.8
12 Sukkur	1.5	5.9	0.8	5.0	1.9	6.4		1.4	6.8	1.2	5.9	1.6	7.4
13 Larkana	2.1	12.6	2.3	13.1	2.1	12.4		2.4	13.3	2.7	13.2	2.2	13.4
14 Peshawar	1.2	11.6	1.3	10.0	1.2	12.3		1.2	11.6	1.3	10.2	1.2	12.5
15 Bannu	0.9	6.3	-0.2	8.6	1.4	5.2		0.8	8.4	0.2	9.9	1.3	7.3
16 Quetta	1.7	8.6	0.5	8.1	2.3	8.8		1.7	8.9	0.8	8.5	2.4	9.3
17 Khuzdar	0.8	4.0	-0.3	5.1	1.3	3.4		0.7	6.1	-0.1	6.7	1.2	5.6

Table A6: City- wise CPI Inflation (YoY) October, 2013

	High	inflatio	on cities		Low	inflatio	n cities
	General	Food	Non-food		General	Food	Non-food
Mianwali	16.0	15.8	16.1	D.G. Khan	9.0	9.0	9.0
Mardan	15.2	15.6	15.0	Quetta	8.9	8.5	9.3
Islamabad	14.3	12.1	16.0	Nawabshah	8.9	9.2	8.7
Larkana	13.3	13.2	13.4	Vehari	8.9	10.0	8.1
Rahim Yar Khan	12.9	14.4	11.7	Wazirabad	8.9	8.1	9.4
Mingora	12.6	10.7	13.8	Bahawalpur	8.7	9.5	8.2
Dera Mrd.Jamali	12.6	14.4	11.2	Lahore	8.7	12.2	5.9
Faisalabad	11.7	12.3	11.2	Sialkot	8.6	8.2	8.9
Turbat	11.6	10.4	12.4	Multan	8.5	10.0	7.5
Peshawar	11.6	10.2	12.5	Bahawalnagar	8.5	11.1	6.8
Jehlum	11.1	13.4	9.4	Abbotabad	8.5	10.2	7.4
Mithi	10.6	7.6	12.7	Bannu	8.4	9.9	7.3
D. I. Khan	10.4	10.9	10.0	Loralai & Cantt	8.4	9.5	7.6
Jhang	10.2	9.4	10.7	Attock	7.6	9.0	6.6
Muzaffargarh	10.0	10.6	9.7	Gujranwala	7.2	7.0	7.3
Sargodha	10.0	11.3	9.1	Hyderabad	7.1	8.9	5.8
Gawadar	9.9	11.1	9.1	Sukkur	6.8	5.9	7.4
Rawalpindi	9.8	10.7	9.1	Karachi	6.7	9.1	4.9
Sahiwal	9.7	9.2	10.1	Khuzdar	6.1	6.7	5.6
Dadu	9.2	12.4	7.0	Mir Pur Khas	5.7	6.0	5.5

Note: High inflation refers to equal or above average inflation, and low inflation refers to below average

		MoM			YoY	
	Oct-12	Sep-13	Oct-13	Oct-12	Sep-13	Oct-13
Up to Rs. 8000						
General	0.4	-0.4	1.4	7.0	8.5	9.6
Food	0.0	-1.0	1.9	5.1	8.3	10.4
Non-food	1.0	0.5	0.8	9.6	8.6	8.4
Rs. 8001- 12000						
General	0.4	-0.4	1.3	8.2	8.1	9.1
Food	-0.1	-1.2	1.8	5.3	8.1	10.1
Non-food	0.9	0.5	0.8	11.5	8.1	8.0
Rs. 12001- 18000						
General	0.4	-0.4	2.3	8.1	7.9	9.9
Food	-0.1	-1.4	1.8	5.6	7.9	9.9
Non-food	0.9	0.6	2.9	10.8	7.8	10.0
Rs. 18001- 35000						
General	0.4	-0.4	2.4	6.8	7.7	9.8
Food	-0.1	-1.5	1.7	5.8	7.8	9.8
Non-food	0.8	0.6	3.0	7.7	7.6	9.9
Above Rs. 35000						
General	0.4	-0.2	1.9	7.3	6.8	8.4
Food	-0.1	-1.7	1.6	6.1	7.8	9.5
Non-food	0.6	0.6	2.0	7.9	6.4	7.9
All income groups						
General	0.4	-0.3	2.0	7.7	7.4	9.1
Food	-0.1	-1.5	1.7	5.8	7.9	9.8
Non-food	0.7	0.6	2.2	9.0	7.0	8.6

			Prices	Percentage of	hange
r.No.	Items	Unit	Oct-13	YoY	MoM
1	Wheat	10Kg.	362.7	25.7	0.
2	Wheat Flour Bag	10Kg.	411.2	22.8	1.0
3	Rice Basmati Broken	Kg.	74.5	9.3	0.3
4	Rice Irri-6	Kg.	53.8	9.7	-0.2
5	Bread Plain Med. Size (340-400 Gm.)	Each	38.5	16.0	1.9
6	Beef	Kg.	281.7	5.4	0.5
7	Mutton	Kg.	553.2	8.3	0.3
8	Chicken Live (Farm)	Kg.	140.2 68.5	16.4 6.0	-5.8 0.1
10	Milk Fresh Curd	Litr Kg.	80.7	7.4	0.1
10	Milk Powdered Nido	500G	297.9	2.7	1.2
12	Egg Hen (Farm)	Doz.	98.0	-7.1	-0.3
13	Mustard Oil	Kg.	182.6	-1.9	-0.6
14	Cooking Oil (Tin)	2.5Ltr	537.4	-0.4	0.0
15	Veg. Ghee (Tin)	2.5Kg.	510.4	-3.6	0.0
16	Veg. Ghee Loose	Kg.	158.0	-2.7	0.2
17	Bananas	Doz.	55.9	-6.2	-8.8
18	Masoor Pulse Washed	Kg.	112.8	16.1	0.4
19	Moong Pulse Washed	Kg.	124.5	8.3	1.3
20	Mash Pulse Washed	Kg.	129.6	-3.4	0.7
21	Gram Pulse Washed	Kg.	70.9	-33.1	-3.4
22	Potatoes	Kg.	45.0	47.4	29.5
23	Onions	Kg.	52.4	27.0	11.1
24	Tomatoes	Kg.	68.3	35.2	5.9
25	Sugar	Kg.	55.7	4.3	3.4
26	Gur	Kg.	89.2	21.2	-0.8
27	Salt Powdered Loose (Lahori)	Kg.	9.2	7.1	0.0
28	Red Chilies Powder Loose	Kg.	217.0	-22.9	0.0
29	Garlic	Kg.	129.3	9.4	3.6
30	Tea (Yellow Label)	200Gm.	170.6	29.5	-0.9
31	Cooked Beef Plate	Each	76.2	14.3	1.0
32	Cooked Dal Plate	Each	45.1	15.1	0.3
33	Tea Prepared (Sada)	Cup	16.3	8.1	0.0
34	Cigarettes K-2 (20'S)	20'S	37.6	17.5	0.1
35	Long Cloth (Coarse Latha)	Mtr. Mtr.	172.0	20.0 19.7	0.5
36 37	Shirting	Mtr.	141.6 189.8	18.6	0.4 0.0
	Lawn	Mtr.	110.4	12.5	0.0
38 39	Georgette (Voil Printed) Sandal Gents Bata	Pair	649.0	30.1	0.0
40	Chappal Spong.Bata (Gents)	Pair	179.0	0.0	0.0
41	Sandal Ladies Bata	Pair	499.0	25.1	0.0
42	Electric Charges 1-50	Unit	2.0	0.0	0.0
43	Gas Charges upto 3.3719	Mmbtu	124.2	7.1	0.0
44	Kerosene	Litr	126.7	6.2	1.5
45	Firewood	40Kg	520.4	9.8	0.6
46	Energy Savor 14 Watts	Each	161.5	9.1	0.0
47	Washing Soap (200-250 Gm.)	Cake	23.1	11.3	0.3
48	Match Box	Each	1.4	26.6	7.0
49	Petrol	Litr	115.0	10.2	3.7
50	Diesel	Litr	118.6	4.3	4.1
51	L.P.G.(11 Kg Cylinder.)	Each	1534.7	1.3	0.3
52	Tele. Local Call	Call	3.9	9.7	0.0
53	Bath Soap Lifebuoy (Standard)	Cake	36.0	12.5	0.2
	Maximum			47.4	29.5
	Median			9.4	0.2

Table A9: Distribution of Price Changes (YoY) - WPI Items: October 2013 Subdued increase (Up Moderate increase Decrease or no change More than 10% increase to 5%) (5 to 10%) Groups Milk from Bovine Maize, Edible Roots/Potatoes, Agriculture Forestry & Fishery Products Pulses, Eggs, Millet/Bajra, Other Oil Sorghum/Jowar, Fish Live Fresh or Animals Unmanufactured Seeds, Cotton Seeds, Tobacco, Rice, Hides Chilled, Stimulant and Spice Crops, and Fur Skins, Raw Fibre Crops, Wheat, Vegetables, Sugar Crops Poultry, Fresh Fruits, Fuel Wood in Logs, Raw Animal Material/Wool, Dry Fruits Ores & Minerals, Electricity Gas & Water Natural Gas Liquefied Salt & Pure Sodium Chloride, Electrical Energy, Coal not Agglomerated Spices, Other Cereal Oil Cakes, Nylon Yarn, Blankets, Quilts, Other Leather N.E.C, Leather Food Products, Beverages and Tobacco, Textiles, Apparel and Leather Products Flour, Other Food Vegetables & Fruit without Hairs, Wheat Flour, Ice Footwear, Cotton Products, Processed Juices, Vegetable Oil Fabrics, Other Fabrics, Cream, Coffee and Tea, Tobacco Liquid Milk, Vegetable Refined, Sugar Mineral Water, Products, Towels, Ready Made Beverages, Dairy Ghee, Chocolate, Woolen Confectionary, Synthetic Garments, Bed Sheets, Cotton Carpets Carpets Products N.E.C, Yarn, Woven Fabrics, Milk and Hosiery Products, Cream in Solid Form Sugar Refined, Blended Yarn, Silk and Rayon Fabrics, Meat of Animals, Dried Fruits & Nuts, Fruit Juices Hard Board, Medicines, Plastic Products, Diesel Motor Sprit, Cement, Matches, Printing Paper, Pesticides, except Metal Products, Aachinery and Equipments Other Transportable Goods Other Glass Articles, Coke, Dying Materials Oil. Auto Tyres. Bricks Blocks and Tiles. Fertilizers, Furnace Oil Ceramics and Sanitary, Insecticides, Chemicals, Timber Glass Sheets, Soaps & Detergent, Mobil Oil, Bed Foams, Kerosene Oil, Paints & Varnishes Motor Cycles, Pig Iron, Air Conditioners, Cultivators, Lathe Pipe Fittings, Lighting Equipments, Metal Product Machinery & Equipment Engines and Motors, Tractors, Chuff Cutter, Machines, Electrical Refrige, Wash& Sew Vacuum Pumps, Concrete Steel Products, Motor Wires Mach, Iron, Fan Vehicles, Steel Bars & Sheets, Bicycles, Radio and Television

Thems and specification Weights Sep-13 Oct-12	Table A10: Consumer Price Index Number	ers by Major Groups	and Compos	ite Commod	lities
	Items and specification	Weights	Oct-12	Sep-13	Oct-13
Non-Alcoholic Beverages. 34.83 193.56 208.29 211.99 Neat Hour 4.16 178.16 219.75 212.49 Wheat Hour 4.16 178.16 219.75 221.49 Wheat Flour 4.16 178.16 200.79 203.19 Research 4.16 178.16 200.79 203.19 Research 4.16 178.16 200.79 203.19 Research 4.16 178.16 200.79 217.57 171.16 Rice 1.58 171.96 191.49 192.27 Bakery & Confectionary 1.16 173.13 192.20 193.77 Rice 1.58 171.96 212.27 213.57 Research 4.16 173.13 192.20 193.77 Research 4.16 1.36 144.25 172.37 172.68 Research 4.16 1.18 182.84 196.38 197.75 Research 4.16 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18 Research 4.16 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.1					
1 Wheat Flour 4,16 178,16 219.75 221.49 2 Wheat Flour 4,16 178,16 219.75 221.49 3 Wheat Product 0,10 171.84 200.79 203.19 4 Besan 0,15 236.28 172.67 171.16 5 Rice 1,16 173.13 192.20 193.77 8 Nimco 0,46 196.94 212.27 213.57 8 Nimco 0,46 196.94 212.27 213.57 8 Nimco 0,46 196.94 212.27 225.63 10 Chicken 1,36 144.25 172.37 172.68 11 Fish 0,30 190.61 204.54 208.66 12 Milk Product 0,63 209.96 224.25 225.47 13 Milk Product 0,63 209.96 224.25 225.47 14 Milk Product 0,63 209.96 224.25 225.47 15 Egg 0,46 215.35 200.85 198.88 16 Mustard Oil 0,10					
Wheat Product		0.35	169.62	210.43	212.47
4 Besan 0.15 236.28 172.67 171.16 5 Rice 1.58 171.96 191.49 192.27 6 Cereals 0.16 201.55 2225.08 227.50 7 Bakery & Confectionary 1.16 173.13 192.20 193.77 8 Ninco 0.46 196.94 212.27 213.75 9 Meat 2.43 218.61 227.90 228.63 10 Chicken 1.36 144.25 172.37 172.68 11 Fish 0.30 190.61 229.63 230.76 12 Milk Froduct 0.63 208.96 229.63 230.76 14 Milk Product 0.63 208.96 224.5 225.76 15 Egg 0.46 215.35 200.85 198.88 16 Mustard Oil 0.11 182.84 196.38 197.75 15 Egg 0.46 215.35 200.85 195.21 <td>2 Wheat Flour</td> <td>4.16</td> <td>178.16</td> <td>219.75</td> <td>221.49</td>	2 Wheat Flour	4.16	178.16	219.75	221.49
5 Rice 1.58 171.96 191.49 192.27 6 Cereals 0.16 201.55 225.08 227.50 7 Bakery & Confectionary 1.16 173.13 192.20 193.77 8 Nimeo 0.46 196.94 212.27 213.57 9 Meat 2.43 218.61 227.79 228.63 10 Chicken 1.36 144.25 172.37 172.68 12 Milk Fresh 6.68 215.09 229.63 230.76 13 Milk Product 0.63 208.96 224.25 225.47 14 Milk Powder 0.11 182.84 196.38 197.75 15 Egg 0.46 215.35 200.85 198.88 16 Mustard Oil 0.10 161.41 157.3 157.41 17 Cooking Oil 1.75 165.39 161.00 161.21 18 Vegetable Ghee 2.07 162.88 155.71	3 Wheat Product	0.10	171.84	200.79	203.19
6 Cereals 0.16 201.55 225.08 227.50 7 Bakery & Confectionary 1.16 173.13 192.20 193.77 8 Nimco 0.46 196.94 212.27 213.57 9 Meat 2.43 218.61 227.90 228.63 10 Chicken 1.36 144.25 172.37 172.68 11 Fish 0.30 190.61 204.54 208.46 12 Milk Product 0.63 208.96 224.25 225.47 14 Milk Product 0.61 20.52.22 225.47 14 Milk Product 0.63 208.96 220.42 2225.47 15 Egg 0.46 215.35 200.85 198.88 16 Mustard Oil 0.10 161.41 157.73 157.41 17 Cooking Oil 1.75 165.39 161.00 161.21 18 Vegetable Gree 2.07 162.88 185.71 156.	4 Besan	0.15	236.28	172.67	171.16
7 Bakery & Confectionary 1.16 173.13 192.20 193.77 8 Nimco 0.46 196.94 212.27 213.57 9 Meat 2.43 218.61 227.90 228.63 10 Chicken 1.36 144.25 172.37 172.68 11 Fish 0.30 190.61 229.63 230.76 13 Milk Product 0.63 208.96 224.25 225.47 14 Milk Powder 0.11 182.84 196.38 197.75 15 Egg 0.46 215.35 200.85 198.88 16 Mustard Oil 0.10 161.41 157.73 157.41 17 Cooking Oil 1.75 165.39 161.00 161.21 18 Vegetable Ghee 2.07 162.88 155.71 156.04 19 Dry Fruits 1.86 188.87 192.94 195.24 21 Pulse Masoor 0.25 201.33 193.	5 Rice	1.58	171.96	191.49	192.27
8 Nimoo 0.46 196,94 21.2.7 21.3.57 9 Meatt 2.43 218.61 227.90 228.63 10 Chicken 1.36 144.25 172.37 172.68 11 Fish 0.30 190.61 204.4 208.46 12 Milk Product 0.63 208.96 224.25 225.47 14 Milk Powder 0.11 182.84 196.38 197.75 15 Egg 0.46 215.35 200.85 198.88 16 Mustard Oil 0.10 161.41 157.73 157.41 17 Cooking Oil 1.75 165.39 161.00 161.21 18 Vegetable Ghee 2.07 162.88 155.71 156.04 19 Dry Fruits 0.25 201.35 219.52 221.30 20 Fresh Fruits 1.86 188.87 192.94 195.24 21 Pulse Masoor 0.27 143.13 158.34	6 Cereals	0.16	201.55	225.08	227.50
Part	7 Bakery & Confectionary	1.16	173.13	192.20	193.77
10 Chicken	8 Nimco	0.46	196.94	212.27	213.57
11 Fish 0.30 190.61 204.54 208.46 12 Milk Product 6.68 215.09 229.63 230.76 13 Milk Product 0.63 208.96 224.25 225.47 14 Milk Powder 0.11 182.84 196.38 197.75 15 Egg 0.46 215.35 200.85 198.88 16 Mustard Oil 0.10 161.41 157.73 157.41 17 Cooking Oil 1.75 165.39 161.00 161.21 18 Vegetable Ghee 2.07 162.88 155.71 156.04 19 Dry Fruits 0.25 201.35 219.52 221.30 20 Fresh Fruits 1.86 188.87 192.94 195.24 21 Pulse Masoor 0.27 143.13 158.34 159.87 22 Pulse Masoor 0.27 143.13 158.34 159.87 22 Pulse Moong 0.23 219.90	9 Meat	2.43	218.61	227.90	228.63
12 Milk Fresh 6.68 215.09 229.63 230.76 13 Milk Product 0.63 208.96 224.25 225.47 14 Milk Powder 0.11 182.84 196.38 197.75 15 Egg 0.46 215.35 200.85 198.88 16 Mustard Oil 0.10 161.41 157.73 157.41 17 Cooking Oil 1.75 165.39 161.00 161.21 18 Vegetable Ghee 2.07 162.88 155.71 156.04 19 Dry Fruits 0.25 201.35 219.52 221.30 20 Fresh Fruits 1.86 188.87 192.94 195.24 21 Pulse Masoor 0.27 143.13 158.34 159.87 22 Pulse Masoor 0.21 193.39 187.31 187.13 24 Pulse Mash (Washed) 0.21 193.39 187.31 187.13 25 Gram Whole 0.16 227.	10 Chicken	1.36	144.25	172.37	172.68
13 Milk Product 0.63 208.96 224.25 225.47 14 Milk Powder 0.11 182.84 196.38 197.75 15 Egg 0.46 215.35 200.85 198.88 16 Mustard Oil 0.10 161.41 157.73 157.41 17 Cooking Oil 1.75 165.39 161.00 161.21 18 Vegetable Ghee 2.07 162.88 155.71 156.04 19 Dry Fruits 0.25 201.35 219.52 221.30 20 Fresh Fruits 1.86 188.87 192.94 195.24 21 Pulse Masoor 0.27 143.13 158.43 159.87 22 Pulse Mash (Washed) 0.21 193.39 187.31 187.13 24 Pulse Gram 0.24 238.12 165.50 163.71 25 Gram Whole 0.16 227.51 176.72 174.43 26 Beans 0.03 211.70	11 Fish	0.30	190.61	204.54	208.46
14 Milk Powder 0.11 182.84 196.38 197.75 15 Egg 0.46 215.35 200.85 198.88 16 Mustard Oil 0.10 161.41 157.73 157.41 17 Cooking Oil 1.75 165.39 161.00 161.21 18 Vegetable Ghee 2.07 162.88 155.71 156.04 19 Dry Fruits 0.25 201.35 219.52 221.30 20 Fresh Fruits 1.86 188.87 192.94 195.24 21 Pulse Masoor 0.27 143.13 158.34 159.87 22 Pulse Moong 0.23 219.90 233.56 232.81 23 Pulse Gram 0.21 193.39 187.31 187.13 24 Pulse Gram 0.24 238.12 165.50 163.71 25 Gram Whole 0.16 227.51 176.72 174.43 26 Beans 0.03 211.70 <	12 Milk Fresh	6.68	215.09	229.63	230.76
15 Egg 0.46 215.35 200.85 198.88 16 Mustard Oil 0.10 161.41 157.73 157.41 17 Cooking Oil 1.75 165.39 161.00 161.21 18 Vegetable Ghee 2.07 162.88 155.71 156.04 19 Dry Fruits 0.25 201.35 219.52 221.30 19 Dry Fruits 0.25 201.35 219.52 221.30 21 Pulse Masoor 0.27 143.13 158.34 159.87 22 Pulse Moong 0.23 219.90 233.56 232.81 23 Pulse Gram 0.21 193.39 187.31 187.13 24 Pulse Gram 0.21 193.39 187.31 187.13 25 Gram Whole 0.16 227.51 176.72 174.43 26 Beans 0.03 211.70 233.29 232.63 27 Potatoes 0.45 204.38 23	13 Milk Product	0.63	208.96	224.25	225.47
16 Mustard Oil 0.10 161.41 157.73 157.41 17 Cooking Oil 1.75 165.39 161.00 161.21 18 Vegetable Ghee 2.07 162.88 155.71 156.04 19 Dry Fruits 0.25 201.55 219.52 221.30 20 Fresh Fruits 1.86 188.87 192.94 195.24 21 Pulse Moong 0.23 219.90 233.56 232.81 23 Pulse Moong 0.21 193.39 187.31 187.13 24 Pulse Gram 0.24 238.12 165.50 163.71 24 Pulse Gram 0.24 238.12 165.50 163.71 25 Gram Whole 0.16 227.51 176.72 174.43 26 Beans 0.03 211.70 233.29 234.82 27 Potatoes 0.45 204.38 236.99 295.14 28 Onion 0.51 245.99 <td< td=""><td>14 Milk Powder</td><td>0.11</td><td>182.84</td><td>196.38</td><td>197.75</td></td<>	14 Milk Powder	0.11	182.84	196.38	197.75
17 Cooking Oil 1.75 165.39 161.00 161.21 18 Vegetable Ghee 2.07 162.88 155.71 156.04 19 Dry Fruits 0.25 201.35 219.52 221.30 20 Fresh Fruits 1.86 188.87 192.94 195.24 21 Pulse Masoor 0.27 143.13 158.34 159.87 22 Pulse Moong 0.23 219.90 233.56 232.81 23 Pulse Gram 0.24 238.12 165.50 163.71 24 Pulse Gram 0.24 238.12 165.50 163.71 25 Gram Whole 0.16 227.51 176.72 174.43 26 Beans 0.03 211.70 233.29 232.26 27 Potatoes 0.45 204.38 236.99 295.14 28 Onion 0.51 245.99 283.29 322.63 29 Tomatoes 0.42 155.77 2	15 Egg	0.46	215.35	200.85	198.88
18	16 Mustard Oil	0.10	161.41	157.73	157.41
19 Dry Fruits 0.25 201.35 219.52 221.30 20 Fresh Fruits 1.86 188.87 192.94 195.24 21 Pulse Masoor 0.27 143.13 158.34 159.87 22 Pulse Moong 0.23 219.90 233.56 232.81 23 Pulse Mash (Washed) 0.21 193.39 187.31 187.13 24 Pulse Gram 0.24 238.12 165.50 163.71 25 Gram Whole 0.16 227.51 176.72 174.43 26 Beans 0.03 211.70 233.29 234.82 27 Potatoes 0.45 204.38 236.99 295.14 28 Onion 0.51 245.99 283.29 322.63 29 Tomatoes 0.42 155.77 217.79 234.89 29 Tomatoes 0.42 155.77 217.79 234.89 30 Fresh Vegetable 1.75 217.38 230.51 253.79 31 Sugar 1.04 195.57	17 Cooking Oil	1.75	165.39	161.00	161.21
20 Fresh Fruits 1.86 188.87 192.94 195.24 21 Pulse Masoor 0.27 143.13 158.34 159.87 22 Pulse Moong 0.23 219.00 233.56 232.81 23 Pulse Mash (Washed) 0.21 193.39 187.31 187.13 24 Pulse Gram 0.24 238.12 165.50 163.71 25 Gram Whole 0.16 227.51 176.72 174.43 26 Beans 0.03 211.70 233.29 234.82 26 Beans 0.045 204.38 236.99 295.14 28 Onion 0.51 245.99 283.29 322.63 29 Tomatoes 0.42 155.77 217.79 234.89 29 Tomatoes 0.42 155.77 217.79 234.89 30 Fresh Vegetable 1.75 217.38 230.51 253.79 31 Sugar 0.04 195.57 <td< td=""><td>18 Vegetable Ghee</td><td>2.07</td><td>162.88</td><td>155.71</td><td>156.04</td></td<>	18 Vegetable Ghee	2.07	162.88	155.71	156.04
20 Fresh Fruits 1.86 188.87 192.94 195.24 21 Pulse Masoor 0.27 143.13 158.34 159.87 22 Pulse Moong 0.23 219.90 233.56 232.81 23 Pulse Mash (Washed) 0.21 193.39 187.31 187.13 24 Pulse Gram 0.24 238.12 165.50 163.71 25 Gram Whole 0.16 227.51 176.72 174.43 26 Beans 0.03 221.70 233.29 234.82 27 Potatoes 0.45 204.38 236.99 295.14 28 Onion 0.51 245.99 283.29 322.63 29 Tomatoes 0.42 155.77 217.79 234.89 29 Tomatoes 1.75 217.38 230.51 253.79 31 Sugar 1.04 195.57 217.72 214.83 32 Gur 0.02 224.78 275.82 276.11 33 Honey 0.04 246.00 257.91 <td>19 Dry Fruits</td> <td>0.25</td> <td>201.35</td> <td>219.52</td> <td>221.30</td>	19 Dry Fruits	0.25	201.35	219.52	221.30
22 Pulse Moong 0.23 219.90 233.56 232.81 23 Pulse Mash (Washed) 0.21 193.39 187.31 187.13 24 Pulse Gram 0.24 238.12 165.50 163.71 25 Gram Whole 0.16 227.51 176.72 174.43 26 Beans 0.03 211.70 233.29 234.82 27 Potatoes 0.45 204.38 236.99 295.14 28 Onion 0.51 245.99 283.29 322.63 29 Tomatoes 0.42 155.77 217.79 234.89 30 Fresh Vegetable 1.75 217.38 230.51 253.79 31 Sugar 1.04 195.57 194.50 200.64 32 Gur 0.02 224.78 275.82 276.11 33 Honey 0.04 246.00 257.91 260.63 34 Sweet Meet 0.25 204.05 217.22 218.95 35 Beverages 1.20 168.93 187.70 </td <td></td> <td>1.86</td> <td>188.87</td> <td>192.94</td> <td>195.24</td>		1.86	188.87	192.94	195.24
23 Pulse Mash (Washed) 0.21 193.39 187.31 187.13 24 Pulse Gram 0.24 238.12 165.50 163.71 25 Gram Whole 0.16 227.51 176.72 174.43 26 Beans 0.03 211.70 233.29 234.82 27 Potatoes 0.45 204.38 236.99 295.14 28 Onion 0.51 245.99 283.29 322.63 29 Tomatoes 0.42 155.77 217.79 234.89 30 Fresh Vegetable 1.75 217.38 230.51 253.79 31 Sugar 1.04 195.57 194.50 200.64 32 Gur 0.02 224.78 275.82 276.11 33 Honey 0.04 246.00 257.91 260.63 34 Sweet Meet 0.25 204.05 217.22 218.95 35 Beverages 1.20 168.93 187.70 188.19 36 Jam, Tomato Ketchup & Pickle 0.25 174.76	21 Pulse Masoor	0.27	143.13	158.34	159.87
24 Pulse Gram 0.24 238.12 165.50 163.71 25 Gram Whole 0.16 227.51 176.72 174.43 26 Beans 0.03 211.70 233.29 234.82 27 Potatoes 0.45 204.38 236.99 295.14 28 Onion 0.51 245.99 283.29 322.63 29 Tomatoes 0.42 155.77 217.79 234.89 30 Fresh Vegetable 1.75 217.38 230.51 253.79 31 Sugar 1.04 195.57 194.50 200.64 32 Gur 0.02 224.78 275.82 276.11 33 Honey 0.04 246.00 257.91 260.63 34 Sweet Meet 0.25 204.05 217.22 218.95 35 Beverages 1.20 168.93 187.70 188.18 36 Jam, Tomato Ketchup & Pickle 0.25 174.76 188.19 188.91 39 Tea 0.54 262.27 214.85<	22 Pulse Moong	0.23	219.90	233.56	232.81
25 Gram Whole 0.16 227.51 176.72 174.43 26 Beans 0.03 211.70 233.29 234.82 27 Potatoes 0.45 204.38 236.99 295.14 28 Onion 0.51 245.99 283.29 322.63 29 Tomatoes 0.42 155.77 217.79 234.89 30 Fresh Vegetable 1.75 217.38 230.51 253.79 31 Sugar 1.04 195.57 194.50 200.64 32 Gur 0.02 224.78 275.82 276.11 33 Honey 0.04 246.00 257.91 260.63 34 Sweet Meet 0.25 204.05 217.22 218.95 35 Beverages 1.20 168.93 187.70 188.18 36 Jam, Tomato Ketchup & Pickle 0.25 174.76 188.19 188.91 37 Condiments 0.27 212.16 219.19	23 Pulse Mash (Washed)	0.21	193.39	187.31	187.13
26 Beans 0.03 211.70 233.29 234.82 27 Potatoes 0.45 204.38 236.99 295.14 28 Onion 0.51 245.99 283.29 322.63 29 Tomatoes 0.42 155.77 217.79 234.89 30 Fresh Vegetable 1.75 217.38 230.51 253.79 31 Sugar 1.04 195.57 194.50 200.64 32 Gur 0.02 224.78 275.82 276.11 33 Honey 0.04 246.00 257.91 260.63 34 Sweet Meet 0.25 204.05 217.22 218.95 35 Beverages 1.20 168.93 187.70 188.18 36 Jam, Tomato Ketchup & Pickle 0.25 174.76 188.19 188.19 37 Codiiments 0.27 212.16 219.19 220.82 38 Spices 0.54 262.27 214.85 214.81 39 Tea 0.84 203.23 254.67	24 Pulse Gram	0.24	238.12	165.50	163.71
27 Potatoes 0.45 204.38 236.99 295.14 28 Onion 0.51 245.99 283.29 322.63 29 Tomatoes 0.42 155.77 217.79 234.89 30 Fresh Vegetable 1.75 217.38 230.51 253.79 31 Sugar 1.04 195.57 194.50 200.61 32 Gur 0.02 224.78 275.82 276.11 33 Honey 0.04 246.00 257.91 260.63 34 Sweet Meet 0.25 204.05 217.22 218.95 35 Beverages 1.20 168.93 187.70 188.18 36 Jam, Tomato Ketchup & Pickle 0.25 174.76 188.19 188.91 37 Condiments 0.27 212.16 219.19 220.82 38 Spices 0.54 262.27 214.85 214.81 39 Tea 0.84 203.23 254.67 253.90 Alcohiii Beverages, Tobaco 1.41 190.43	25 Gram Whole	0.16	227.51	176.72	174.43
28 Onion 0.51 245.99 283.29 322.63 29 Tomatoes 0.42 155.77 217.79 234.89 30 Fresh Vegetable 1.75 217.38 230.51 253.79 31 Sugar 1.04 195.57 194.50 200.64 32 Gur 0.02 224.78 275.82 276.11 33 Honey 0.04 246.00 257.91 260.63 34 Sweet Meet 0.25 204.05 217.22 218.95 35 Beverages 1.20 168.93 187.70 188.18 36 Jam, Tomato Ketchup & Pickle 0.25 174.76 188.19 188.91 37 Condiments 0.27 212.16 219.19 220.82 38 Spices 0.54 262.27 214.85 214.81 39 Tea 0.84 203.23 254.67 253.90 Alcoholic Beverages, Tobaco 1.41 190.43 217.85	26 Beans	0.03	211.70	233.29	234.82
29 Tomatoes 0.42 155.77 217.79 234.89 30 Fresh Vegetable 1.75 217.38 230.51 253.79 31 Sugar 1.04 195.57 194.50 200.64 32 Gur 0.02 224.78 275.82 276.11 33 Honey 0.04 246.00 257.91 260.63 34 Sweet Meet 0.25 204.05 217.22 218.95 35 Beverages 1.20 168.93 187.70 188.18 36 Jam, Tomato Ketchup & Pickle 0.25 174.76 188.19 188.19 37 Condiments 0.27 212.16 219.19 220.82 38 Spices 0.54 262.27 214.85 214.81 39 Tea 0.84 203.23 254.67 253.90 Alcoholic Beverages, Tobacco 1.41 190.43 217.85 218.25 40 Cigarette 1.39 190.62 218.30 218.68 41 Betel Leaves & Nuts 0.02 1	27 Potatoes	0.45	204.38	236.99	295.14
30 Fresh Vegetable 1.75 217.38 230.51 253.79 31 Sugar 1.04 195.57 194.50 200.64 32 Gur 0.02 224.78 275.82 276.11 33 Honey 0.04 246.00 257.91 260.63 34 Sweet Meet 0.25 204.05 217.22 218.95 35 Beverages 1.20 168.93 187.70 188.19 36 Jam, Tomato Ketchup & Pickle 0.25 174.76 188.19 188.91 37 Condiments 0.27 212.16 219.19 220.82 38 Spices 0.54 262.27 214.85 214.81 39 Tea 0.84 203.23 254.67 253.90 Alcohili Beverages, Tobacco 1.41 190.43 217.85 218.25 40 Cigarette 1.39 190.62 218.30 218.68 41 Betel Leaves & Nuts 0.02 178.37 190.83 192.52 42 Cotton Cloth 1.73 <t< td=""><td>28 Onion</td><td>0.51</td><td>245.99</td><td>283.29</td><td>322.63</td></t<>	28 Onion	0.51	245.99	283.29	322.63
31 Sugar 1.04 195.57 194.50 200.64 32 Gur 0.02 224.78 275.82 276.11 33 Honey 0.04 246.00 257.91 260.63 34 Sweet Meet 0.25 204.05 217.22 218.95 35 Beverages 1.20 168.93 187.70 188.18 36 Jam, Tomato Ketchup & Pickle 0.25 174.76 188.19 188.91 37 Condiments 0.27 212.16 219.19 220.82 38 Spices 0.54 262.27 214.85 214.81 39 Tea 0.84 203.23 254.67 253.90 Alcoholic Beverages, Tobacco 1.41 190.43 217.85 218.25 40 Cigarette 1.39 190.62 218.30 218.68 41 Betel Leaves & Nuts 0.02 178.37 190.83 192.62 Clothing & Footwear 7.57 170.38 193.59 194.51 42 Cotton Cloth 1.73 158.22	29 Tomatoes	0.42	155.77	217.79	234.89
32 Gur 0.02 224.78 275.82 276.11 33 Honey 0.04 246.00 257.91 260.63 34 Sweet Meet 0.25 204.05 217.22 218.95 35 Beverages 1.20 168.93 187.70 188.18 36 Jam, Tomato Ketchup & Pickle 0.25 174.76 188.19 188.19 37 Condiments 0.27 212.16 219.19 220.82 38 Spices 0.54 262.27 214.85 214.81 39 Tea 0.84 203.23 254.67 253.90 Alcoholic Beverages, Tobacco 1.41 190.43 217.85 218.25 40 Cigarette 1.39 190.62 218.30 218.68 41 Betel Leaves & Nuts 0.02 178.37 190.83 192.62 Clothing & Footwear 7.57 170.38 193.59 194.51 42 Cotton Cloth 1.73 158.22 180.48 181.33 43 Woolen Cloth 0.88 190.45	30 Fresh Vegetable	1.75	217.38	230.51	253.79
33 Honey 0.04 246.00 257.91 260.63 34 Sweet Meet 0.25 204.05 217.22 218.95 35 Beverages 1.20 168.93 187.70 188.18 36 Jam, Tomato Ketchup & Pickle 0.25 174.76 188.19 188.91 37 Condiments 0.27 212.16 219.19 220.82 38 Spices 0.54 262.27 214.85 214.81 39 Tea 0.84 203.23 254.67 253.90 Alcoholic Beverages, Tobacco 1.41 190.43 217.85 218.25 40 Cigarette 1.39 190.62 218.30 218.68 41 Betel Leaves & Nuts 0.02 178.37 190.83 192.62 Clothing & Footwear 7.57 170.38 193.59 194.51 42 Cotton Cloth 1.73 158.22 180.48 181.33 43 Woolen Cloth 0.88 190.45 208.95 211.03 44 Ready Made Garment 0.97 1	31 Sugar	1.04	195.57	194.50	200.64
34 Sweet Meet 0.25 204.05 217.22 218.95 35 Beverages 1.20 168.93 187.70 188.18 36 Jam, Tomato Ketchup & Pickle 0.25 174.76 188.19 188.91 37 Condiments 0.27 212.16 219.19 220.82 38 Spices 0.54 262.27 214.85 214.81 39 Tea 0.84 203.23 254.67 253.90 Alcoholic Beverages, Tobacco 1.41 190.43 217.85 218.25 40 Cigarette 1.39 190.62 218.30 218.68 41 Betel Leaves & Nuts 0.02 178.37 190.83 192.62 Clothing & Footwear 7.57 170.38 193.59 194.51 42 Cotton Cloth 1.73 158.22 180.48 181.33 43 Woolen Cloth 0.88 190.45 208.95 211.03 44 Ready Made Garment 0.97 172.07 191.11 192.61 45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	32 Gur	0.02	224.78	275.82	276.11
35 Beverages 1.20 168.93 187.70 188.18 36 Jam, Tomato Ketchup & Pickle 0.25 174.76 188.19 188.91 37 Condiments 0.27 212.16 219.19 220.82 38 Spices 0.54 262.27 214.85 214.81 39 Tea 0.84 203.23 254.67 253.90 Alcoholic Beverages, Tobacco 1.41 190.43 217.85 218.25 40 Cigarette 1.39 190.62 218.30 218.68 41 Betel Leaves & Nuts 0.02 178.37 190.83 192.65 Clothing & Footwear 7.57 170.38 193.59 194.51 42 Cotton Cloth 1.73 158.22 180.48 181.33 43 Woolen Cloth 0.88 190.45 208.95 211.03 44 Ready Made Garment 0.97 172.07 191.11 192.61 45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	33 Honey	0.04	246.00	257.91	260.63
36 Jam, Tomato Ketchup & Pickle 0.25 174.76 188.19 188.91 37 Condiments 0.27 212.16 219.19 220.82 38 Spices 0.54 262.27 214.85 214.81 39 Tea 0.84 203.23 254.67 253.90 Alcoholic Beverages, Tobacco 1.41 190.43 217.85 218.25 40 Cigarette 1.39 190.62 218.30 218.68 41 Betel Leaves & Nuts 0.02 178.37 190.83 192.62 Clothing & Footwear 7.57 170.38 193.59 194.51 42 Cotton Cloth 1.73 158.22 180.48 181.33 43 Woolen Cloth 0.88 190.45 208.95 211.03 44 Ready Made Garment 0.97 172.07 191.11 192.61 45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	34 Sweet Meet	0.25	204.05	217.22	218.95
37 Condiments 0.27 212.16 219.19 220.82 38 Spices 0.54 262.27 214.85 214.81 39 Tea 0.84 203.23 254.67 253.90 Alco→lic Beverages, Tobacco 1.41 190.43 217.85 218.25 40 Cigarette 1.39 190.62 218.30 218.68 41 Betel Leaves & Nuts 0.02 178.37 190.83 192.65 Clothing & Footwear 7.57 170.38 193.59 194.51 42 Cotton Cloth 1.73 158.22 180.48 181.33 43 Woolen Cloth 0.88 190.45 208.95 211.03 44 Ready Made Garment 0.97 172.07 191.11 192.61 45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	35 Beverages	1.20	168.93	187.70	188.18
38 Spices 0.54 262.27 214.85 214.81 39 Tea 0.84 203.23 254.67 253.90 Alcoholic Beverages, Tobacco 1.41 190.43 217.85 218.25 40 Cigarette 1.39 190.62 218.30 218.68 41 Betel Leaves & Nuts 0.02 178.37 190.83 192.62 Clothing & Footwear 7.57 170.38 193.59 194.51 42 Cotton Cloth 1.73 158.22 180.48 181.33 43 Woolen Cloth 0.88 190.45 208.95 211.03 44 Ready Made Garment 0.97 172.07 191.11 192.61 45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	36 Jam, Tomato Ketchup & Pickle	0.25	174.76	188.19	188.91
39 Tea 0.84 203.23 254.67 253.90 Alcobolic Beverages, Tobacco 1.41 190.43 217.85 218.25 40 Cigarette 1.39 190.62 218.30 218.68 41 Betel Leaves & Nuts 0.02 178.37 190.83 192.62 Clothing & Footwear 7.57 170.38 193.59 194.51 42 Cotton Cloth 1.73 158.22 180.48 181.33 43 Woolen Cloth 0.88 190.45 208.95 211.03 44 Ready Made Garment 0.97 172.07 191.11 192.61 45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	37 Condiments	0.27	212.16	219.19	220.82
Alcobalic Beverages, Tobacco 1.41 190.43 217.85 218.25 40 Cigarette 1.39 190.62 218.30 218.68 41 Betel Leaves & Nuts 0.02 178.37 190.83 192.62 Clothing & Footwear 7.57 170.38 193.59 194.51 42 Cotton Cloth 1.73 158.22 180.48 181.33 43 Woolen Cloth 0.88 190.45 208.95 211.03 44 Ready Made Garment 0.97 172.07 191.11 192.61 45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	38 Spices	0.54	262.27	214.85	214.81
40 Cigarette 1.39 190.62 218.30 218.68 41 Betel Leaves & Nuts 0.02 178.37 190.83 192.62 Clothing & Footwear 7.57 170.38 193.59 194.51 42 Cotton Cloth 1.73 158.22 180.48 181.33 43 Woolen Cloth 0.88 190.45 208.95 211.03 44 Ready Made Garment 0.97 172.07 191.11 192.61 45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	39 Tea	0.84	203.23	254.67	253.90
41 Betel Leaves & Nuts 0.02 178.37 190.83 192.62 Clothing & Footwear 7.57 170.38 193.59 194.51 42 Cotton Cloth 1.73 158.22 180.48 181.33 43 Woolen Cloth 0.88 190.45 208.95 211.03 44 Ready Made Garment 0.97 172.07 191.11 192.61 45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	Alcoholic Beverages, Tobacco	1.41	190.43	217.85	218.25
Clothing & Footwear 7.57 170.38 193.59 194.51 42 Cotton Cloth 1.73 158.22 180.48 181.33 43 Woolen Cloth 0.88 190.45 208.95 211.03 44 Ready Made Garment 0.97 172.07 191.11 192.61 45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	40 Cigarette	1.39	190.62	218.30	218.68
42 Cotton Cloth 1.73 158.22 180.48 181.33 43 Woolen Cloth 0.88 190.45 208.95 211.03 44 Ready Made Garment 0.97 172.07 191.11 192.61 45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	41 Betel Leaves & Nuts	0.02	178.37	190.83	192.62
43 Woolen Cloth 0.88 190.45 208.95 211.03 44 Ready Made Garment 0.97 172.07 191.11 192.61 45 Woolen Readymade Garments 0.40 168.96 194.99 196.12		7.57	170.38	193.59	194.51
44 Ready Made Garment 0.97 172.07 191.11 192.61 45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	42 Cotton Cloth	1.73	158.22	180.48	181.33
45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	43 Woolen Cloth	0.88	190.45	208.95	211.03
45 Woolen Readymade Garments 0.40 168.96 194.99 196.12	44 Ready Made Garment	0.97	172.07	191.11	192.61
		0.40	168.96	194.99	196.12
	· ·	0.51	181.55	200.13	201.09
47 Dopatta 0.44 186.02 209.40 210.56	*	0.44	186.02	209.40	210.56
48 Cleaning & Laundering 0.21 190.15 212.30 213.08	48 Cleaning & Laundering	0.21	190.15	212.30	213.08

Table A10: Consumer Price Index Number	rs by Major Groups	and Compos	site Commod	lities
			Index	
Items and specification	Weights	Oct-12	Sep-13	Oct-13
49 Tailoring	0.88	202.23	232.70	233.15
50 Footwear	1.55	142.91	169.25	169.38
Housing, Water, Elect, Gas & Other Fuel	29.41	149.95	157.75	164.17
51 House Rent	21.81	139.61	148.24	150.59
52 Construction Input Item	0.56	201.21	217.40	218.32
53 Construction Wage Rate	0.33	170.75	188.19	188.80
54 Water Supply	0.50	133.23	145.80	145.80
55 Electricity	4.40	196.37	196.37	227.44
56 Gas	1.58	134.34	143.81	143.81
57 Kerosene Oil	0.01	274.09	288.89	293.68
58 Fire Wood Whole	0.23	228.19	249.90	250.91
Furnished H.Hold Equip.& Maint. Etc	4.21	176.84	190.99	192.39
59 Furniture	0.33	167.17	180.68	182.22
60 Household Textile	0.65	173.23	186.39	188.19
61 Household Equipment	0.59	156.81	163.50	164.21
62 Utensils	0.32	174.91	189.05	190.82
63 Plastic Products	0.25	174.34	186.86	187.78
64 Washing Soap & Detergent	0.79	191.20	210.04	211.38
65 Sewing Needle & Dry Cell	0.15	150.69	168.44	170.32
66 Household Servant	1.04	186.45	202.20	203.63
67 Marriage Hall Charges	0.08	193.11	204.59	206.52
Health	2.19	155.13	164.23	165.15
68 Drug Medicine	1.27	137.39	142.09	142.10
69 Medical Equipment	0.01	195.91	208.73	208.73
70 Doctor (MBBS) Clinic Fee	0.59	192.89	212.47	214.87
71 Medical Test	0.32	154.65	161.78	163.57
Transport	7.20	191.22	194.54	197.06
72 Motor Vehicle	0.66	152.25	159.74	160.39
73 Motor Vehicle Accessories	0.24	205.45	219.28	220.01
74 Motor Fuel	3.03	193.27	190.34	195.25
75 Mechanical Service	0.46	181.25	195.60	195.25
76 Motor Vehicle Tax	0.40	152.02	153.74	153.74
77 Transport Services	2.70	200.46	207.03	207.87
Communication	3.22	123.68		
			129.66	129.68
78 Postal Services 79 Communication & Apparatus	0.07 3.15	172.89 122.65	215.89 127.85	215.89 127.87
Recreation & Culture	2.02	165.94	181.87	182.19
80 Recreation & Culture	0.86	121.85	124.90	125.46
81 Text Books	0.57	230.23	266.88	267.10
82 News Papers	0.19	155.91	170.49	170.49
83 Stationery	0.40	174.36	189.17	189.24
Education	3.94	154.47	166.49	167.91
84 Education	3.94	154.47	166.49	167.91
Restaurants And Hotels	1.23	200.30	221.68	223.77
85 Ready Made Food	1.23	200.30	221.68	223.77
Miscellaneous Goods And Services	2.76	198.94	206.86	208.36
86 Personal Care	1.49	178.18	188.30	190.82
87 Cosmetics	0.39	148.93	169.63	174.26
88 Blades	0.03	171.51	180.16	180.16
89 Personal Equipments	0.84	259.57	257.70	256.05

			Index	
tems and S	Specifications	Oct-12	Sep-13	Oct-1
General		192.88	209.33	211.
	e Forestry & Fishery	194.13	218.32	220.9
1	Wheat	177.61	221.91	222.4
2	Maize	167.05	193.51	182.
3	Rice	163.86	178.15	174.
4	Sorghum/Jowar	184.26	266.44	263.
5	Millet/Bajra	194.58	187.35	185.
6	Vegetables	269.17	314.40	333.
7	Fresh Fruits	183.93	220.14	221.
8	Dry Fruits	173.49	188.16	192.
-	Cotton Seeds	170.28	165.07	168.
10 11	Other Oil Seeds	183.21	175.36	175.
11	Edible Roots/ Potatoes	196.16 204.46	231.30 254.77	308.
13	Stimulant And Spice Crops Pulses	213.03	176.48	261. 175.
13				
15	Sugar Crops Fibre Crops	267.92	267.92	267.
16		176.84 168.99	219.53 181.07	225. 181.
16	Unmanufactured Tobacco Poultry	143.42	181.07	173.
18	Milk From Bovine Animals	213.76	222.52	223.
19	Eggs	217.03	205.51	203.
20	Raw Animal Material/Wool	136.65	153.55	153.
21	Hides And Fur Skins, Raw	137.17	145.03	133.
22	Fuel Wood In Logs	205.02	234.96	232.
23	Fishes Live Fresh Or Chilled	176.68	249.62	248.
	rals. Gas & Elect.	207.79	240.04	243.
24	Coal Not Agglomerated	196.08	223.53	223.
25	Natural Gas Liquefied	192.25	204.58	204.
26	Salt & Pure Sodium Chloride	164.54	217.04	217.
27	Electrical Energy	226.10	279.61	287.
	rages, Tobacco, Textiles	185.83	199.08	200.
28	Meat Of Animals	227.09	233.93	239.
29	Vegetables & Fruit Juices	185.05	192.05	192.
30	Dried Fruits & Nuts	212.04	223.21	223.
31	Fruit Juices	157.15	165.08	165.
32	Vegetable Oil Refined	155.32	161.04	160.
33	Vegetable Ghee	141.43	140.69	140.
34	Oil Cakes	172.81	176.21	181.
35	Processed Liquid Milk	208.43	205.54	205.
36	Milk And Cream In Solid Form	170.79	179.40	188.
37	Ice Cream	167.68	209.53	209.
38	Dairy Products N.E.C	202.69	216.63	217.
39	Wheat Flour	164.13	202.67	205.
40	Other Cereal Flour	208.22	138.44	134.
41	Sugar Refined	204.34	212.34	218.
42	Chocolate	99.19	99.19	99.
43	Sugar Confectionary	100.40	102.28	102.
44	Coffee And Tea	192.33	230.54	230.
45	Spices	304.68	195.85	191.
46	Other Food Products	323.46	316.68	308.
47	Mineral Water	168.29	180.22	181.
48	Beverages	137.86	139.63	148.
49	Tobacco Products	208.80	242.41	242.
50	Cotton Yarn	200.08	222.40	223.
51	Nylon Yarn	176.45	182.19	183.
52	Blended Yarn	190.06	200.64	202.
53	Woven Fabrics	196.74	217.16	218.
54	Cotton Fabrics	173.68	187.43	187.
55	Other Fabrics	165.62	175.74	178.

Table	A11: Wholesale Price Index Numbers by Major	Groups and Composite Co		
			Index	
Items a	nd Specifications	Oct-12	Sep-13	Oct-13
56	Silk And Rayon Fabrics	151.23	160.08	160.48
57	Towels	200.68	218.47	231.87
58	Blankets	172.59	185.21	189.62
59 60	Bed Sheets Quilts	197.94 147.05	217.78 156.32	223.74 160.74
61	Woolen Carpets	106.55	106.55	106.55
62	Synthetic Carpets	113.15	114.41	114.41
63	Hosiery Products	173.15	185.30	185.37
64	Ready Made Garments	135.15	152.13	153.12
65	Leather With Out Hairs	109.83	140.50	140.50
66	Other Leather N.E.C	122.57	263.79	263.79
67	Footwear's	128.50	139.49	139.49
	Transportable Goods	206.53	213.44	216.28
68	Timber	148.07	161.45	163.35
69	Printing Paper	147.96	164.84	167.02
70	Hard Board Coke	239.58	208.33	214.58
71 72		163.45	163.45	163.45
73	Motor Sprit Diesel Oil	174.17 268.79	184.38 270.32	191.35 279.68
73 74	Kerosene Oil	273.51	282.64	288.36
75	Furnace Oil	179.20	179.02	182.48
76	Mobil Oil	182.64	192.70	193.09
77	Chemicals	149.01	165.49	165.70
78	Dying Materials	104.26	104.26	104.26
79	Fertilizers	259.86	269.45	264.71
80	Pesticides	197.49	213.45	222.93
81	Insecticides	117.46	129.93	131.09
82	Paints & Varnishes	237.29	247.70	249.49
83	Medicines	139.44	138.77	138.77
84	Soaps & Detergent	168.39	178.79	178.79
85	Auto Tyres	180.73	185.57	185.57
86	Plastic Products	191.31	199.06	199.24
87	Glass Sheets	190.93	204.55	205.47
88	Other Glass Articles	189.33	206.09	206.09
89	Ceramics And Sanitary	157.32	166.88	170.85
90 91	Bricks Blocks And Tiles	172.14	188.17	192.69
91	Cement Bed Foams	183.17 140.00	201.55 145.33	200.39 147.67
92	Matches	126.70	143.33	143.20
	Product Machinery & Equip	158.67	166.39	166.77
94	Pig Iron	128.97	128.97	128.97
95	Steel Bars & Sheets	135.96	141.14	141.14
96	Pipe Fittings	141.47	150.29	160.63
97	Steel Products	161.94	168.46	168.46
98	Engines And Motors	109.07	109.07	109.07
99	Vacuum Pumps	115.39	115.39	115.39
100	Air Conditioners	172.67	179.78	181.12
101	Cultivators	184.66	191.51	200.36
102	Chuff Cutter	138.54	144.94	144.94
103	Tractors	161.96	161.96	169.82
104	Lathe Machines	147.68	148.86	155.90
105	Concrete Mixer	138.83	138.83	138.83
106	Refrige, Wash& Sew Mach, Iron, Fan	163.68	180.51	181.62
107	Electrical Wires	159.57	168.13	168.13
108	Lighting Equipments	145.21	162.27	162.52
109	Radio And Television	126.46	126.49	126.49
110	Motor Cycles	167.70	174.21	174.21
111 112	Motor Cycles Bioveles	125.19	124.80	124.80
112	Bicycles	177.87	180.99	180.99

Table A1	12: Pri	ce Indices		007-08 = 100				
Period			CPI			WPI		SPI *
Period		Overall	Food	Non-food	Overall	Food	Non-Food	
2008-09		117.03	123.12	113.38	118.93	119.68	118.45	123.26
2009-10		128.85	139.05	122.73	135.40	136.85	134.48	139.84
2010-11		146.45	164.10	135.87	164.17	159.26	167.28	164.02
2011-12		162.57	182.20	150.80	181.28	181.32	181.26	178.67
2012-13		174.53	195.18	162.16	194.61	197.21	192.95	189.64
2011	Feb	146.85	163.56	136.83	168.82	158.33	175.47	164.99
	Mar	148.91	167.10	138.01	174.41	162.92	181.70	166.81
	Apr	150.99	169.25	140.05	178.69	165.46	187.09	167.83
	May	151.33	168.76	140.88	176.97	167.15	183.20	167.98
	Jun	152.78	169.88	142.53	177.98	172.14	181.68	168.09
	Jul	154.72	174.80	142.68	177.26	175.45	178.41	171.45
	Aug	156.89	177.32	144.65	178.24	178.67	177.97	173.86
	Sep	158.50	180.16	145.52	178.68	181.88	176.65	175.02
	Oct	160.79	183.07	147.44	179.34	182.82	177.13	176.45
	Nov	161.25	183.26	148.06	178.39	181.48	176.43	177.53
	Dec	160.12	179.21	148.67	176.01	178.29	174.57	175.04
2012	Jan	162.58	181.90	151.00	179.99	178.95	180.65	178.25
	Feb	163.07	180.69	152.51	180.99	177.56	183.17	178.63
	Mar	164.98	183.46	153.90	182.20	180.41	183.34	180.79
	Apr	168.00	187.43	156.35	185.48	184.45	186.13	184.03
	May	169.93	187.75	159.25	189.46	186.57	191.29	184.88
	Jun	169.99	187.35	159.58	189.37	189.36	189.37	188.14
	Jul	169.57	190.72	156.89	190.05	193.92	187.59	183.98
	Aug	171.09	192.47	158.27	191.99	195.30	189.89	186.47
	Sep	172.44	193.80	159.64	192.66	195.81	190.66	188.21
	Oct	173.10	193.66	160.77	192.88	196.21	190.77	187.32
	Nov	172.42	193.03	160.07	192.16	193.02	191.61	187.35
	Dec	172.82	192.97	160.74	192.98	195.49	191.39	187.95
2013	Jan	175.70	196.58	163.19	195.39	198.81	193.22	190.89
	Feb	175.11	194.05	163.76	196.06	197.22	195.32	190.79
	Mar	175.82	195.06	164.29	196.57	196.02	196.92	192.01
	Apr	177.74	197.74	165.75	198.09	199.00	197.51	192.02
	May	178.65	200.00	165.85	197.23	201.14	194.75	191.96
	Jun	179.94	202.11	166.65	199.21	204.60	195.79	196.75
	Jul	183.58	208.19	168.83	202.49	209.34	198.15	200.80
	Aug	185.71	212.27	169.79	207.85	211.45	205.57	203.29
	Sep	185.18	209.09	170.85	209.33	211.29	208.09	203.05
	Oct	188.82	212.61	174.56	211.70	213.26	210.71	207.69
*: all group	s combi	ned						

Table A13: International Commodity Prices/ Indices						
	Jul-13	Aug-13	Sep-13	Oct-13		
Energy						
Crude Oil (US\$ per barrel) *	105.2	108.1	108.8	105.5		
IMF Energy Index $(2005 = 100)$	192.3	196.8	197.9	192.9		
WB Energy Index (2010 = 100) @	128.1	130.9	131.6	128.3		
Food						
Rice (\$/MT)	538.3	503.8	470.0	453.3		
Wheat (\$/MT)	304.7	305.5	307.5	325.7		
Sugar (US cent/ pound)	17.1	17.2	17.6	18.8		
Palm Oil (\$/MT)	729.9	722.8	725.8	762.6		
Soybean Oil (\$/MT)	1,000.8	944.3	935.0	897.7		
Non-Food Non-Energy						
Cotton Outlook 'A' Index #	92.6	92.7	90.1	89.3		
IMF Metal Price Index (2005 = 100)	172.7	180.9	177.9	179.0		
Copper (\$/MT)	6,906.6	7,186.3	7,159.3	7,203.0		
Aluminum (\$/MT)	1,769.6	1,816.2	1,761.3	1,814.6		
Iron Ore (\$ cents/dry MT)	127.2	137.1	134.2	132.6		
Tin (\$/MT)	19,563.8	21,638.2	22,735.1	23,101.6		
Nickle (\$/MT)	13,750.3	14,308.3	13,801.4	14,117.7		
Zinc (\$/MT)	1,837.6	1,896.4	1,846.9	1,884.8		
Lead (\$/MT)	2,047.7	2,173.1	2,084.9	2,115.4		
Uranium (\$/MT)	38.0	35.6	35.8	35.8		
DAP (\$/MT)	460.0	438.1	398.1	377.3		
Urea (\$/MT)	321.5	303.3	297.8	299.3		

Source: IMF and World Bank

^{\$/}MT = US\$ per metric ton.

* Crude Oil (Petroleum), simple average of three spot prices; Dated Brent, West Texas Intermediate, and the

[#] Middling 1-3/32 inch staple, Liverpool Index "A", average of the cheapest Cts/lb five of fourteen styles, CIF Liverpool (Cotton Outlook, Liverpool). From January 1968 to May 1981 strict middling 1-1/16 inch staple. Prior to 1968, Mexican 1-1/16.2/

DAP: Diammonium Phosphate

[@] World Bank commodity index for low and middle income countries

Table 14. CPI Data Series Original and Seasonally Adjusted						
	Original	Series				
Period	FY11	FY12	FY13	FY14		
Jul	137.62	154.72	169.57	183.58		
Aug	140.63	156.88	171.09	185.71		
Sep	143.49	158.50	172.44	185.18		
Oct	144.90	160.79	173.10	188.82		
Nov	146.34	161.25	172.42			
Dec	145.90	160.12	172.82			
Jan	147.67	162.58	175.70			
Feb	146.85	163.07	175.11			
Mar	148.91	164.98	175.82			
Apr	150.99	168.00	177.74			
May	151.33	169.93	178.65			
Jun	152.78	169.99	179.94			
	Seasonally Ad	justed Series				
Jul	137.48	154.57	169.36	183.00		
Aug	139.72	155.82	169.86	184.33		
Sep	142.62	157.55	171.44	184.12		
Oct	143.74	159.47	171.70	187.30		
Nov	145.63	160.46	171.54			
Dec	146.67	160.99	173.80			
Jan	147.82	162.71	175.82			
Feb	148.00	164.38	176.52			
Mar	149.78	165.96	176.89			
Apr	150.95	167.90	177.60			
May	151.80	170.52	179.31			
Jun	153.44	170.76	180.82			

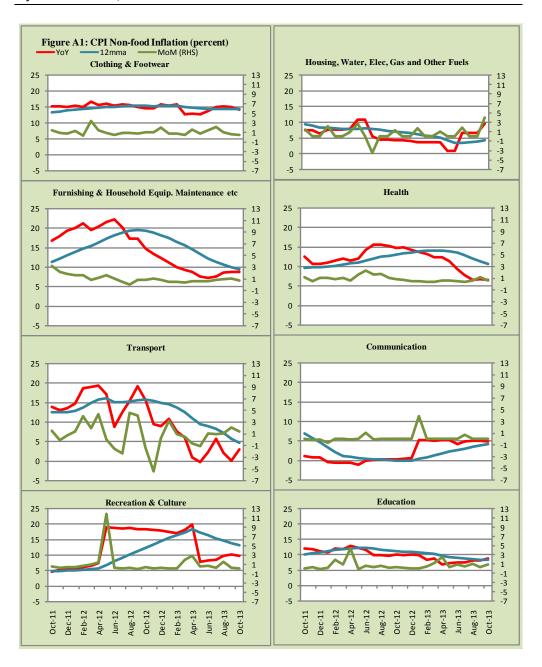
Table 15. CPI Food Data Series Original and Seasonally Adjusted									
	Original Series								
Period	FY11	FY12	FY13	FY14					
Jul	149.33	174.80	190.72	208.19					
Aug	156.70	177.32	192.47	212.27					
Sep	163.96	180.16	193.80	209.09					
Oct	163.91	183.07	193.66	212.61					
Nov	166.59	183.26	193.03						
Dec	163.69	179.21	192.97						
Jan	166.52	181.90	196.58						
Feb	163.56	180.69	194.05						
Mar	167.10	183.46	195.06						
Apr	169.25	187.43	197.74						
May	168.77	187.75	200.00						
Jun	169.88	187.35	202.11						
	Seasonally Adju	usted Series							
Jul	148.87	174.23	189.93	207.19					
Aug	154.45	174.63	189.37	208.76					
Sep	161.51	177.41	190.86	205.92					
Oct	160.95	179.75	190.25	208.95					
Nov	164.32	180.73	190.23						
Dec	164.98	180.68	194.61						
Jan	167.20	182.60	197.32						
Feb	166.62	184.16	197.79						
Mar	169.23	185.88	197.70						
Apr	170.05	188.27	198.60						
May	170.06	189.35	201.80						
Jun	171.74	189.50	204.51						

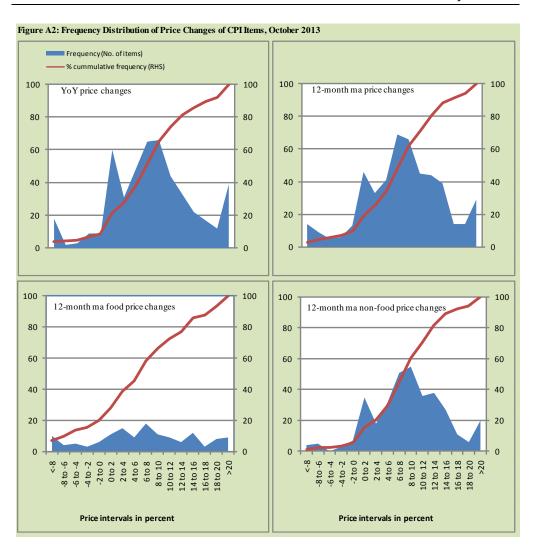
able 16: CPI Mo	ble 16: CPI Monthly & Average Seasonal Factors						
Period	FY11	FY12	FY13	FY14	Average		
Jul	100.10	100.10	100.12	100.32	100.16		
Aug	100.65	100.69	100.72	100.75	100.70		
Sep	100.61	100.60	100.58	100.58	100.59		
Oct	100.81	100.83	100.81	100.81	100.82		
Nov	100.49	100.49	100.51		100.50		
Dec	99.48	99.46	99.44		99.46		
Jan	99.90	99.92	99.93		99.92		
Feb	99.22	99.21	99.20		99.21		
Mar	99.42	99.41	99.39		99.41		
Apr	100.02	100.06	100.08		100.05		
May	99.69	99.66	99.63		99.66		
Jun	99.57	99.55	99.51		99.55		

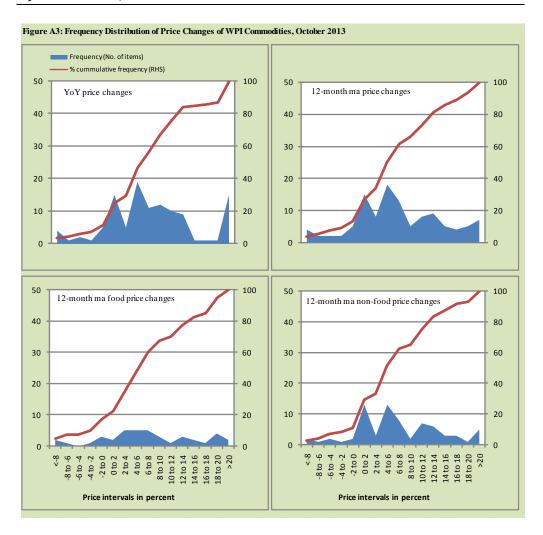
Table 17: CPI Food Monthly & Average Seasonal Factors						
Period	FY11	FY12	FY13	FY14	Average	
Jul	100.31	100.33	100.42	100.48	100.38	
Aug	101.46	101.54	101.64	101.68	101.58	
Sep	101.52	101.55	101.54	101.54	101.54	
Oct	101.83	101.85	101.79	101.75	101.81	
Nov	101.38	101.40	101.47		101.42	
Dec	99.22	99.19	99.16		99.19	
Jan	99.60	99.62	99.63		99.61	
Feb	98.16	98.12	98.11		98.13	
Mar	98.74	98.70	98.67		98.70	
Apr	99.53	99.55	99.57		99.55	
May	99.23	99.16	99.11		99.17	
Jun	98.92	98.87	98.83		98.87	

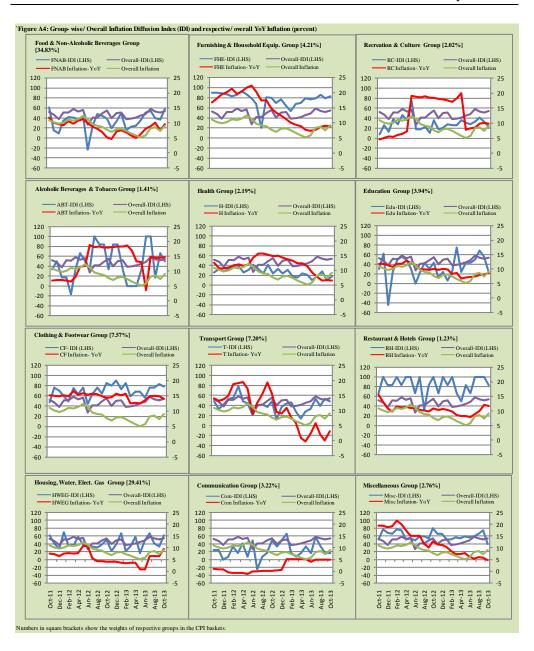
Table 18: CPI Month-on-Month Change Original & Seasonally Adjusted								
	Original Series							
Period	FY11	FY12	FY13	FY14				
Jul	2.07	1.27	-0.25	2.02				
Aug	2.19	1.40	0.90	1.16				
Sep	2.03	1.03	0.79	-0.29				
Oct	0.98	1.44	0.38	1.97				
Nov	0.99	0.29	-0.39					
Dec	-0.30	-0.70	0.23					
Jan	1.21	1.54	1.67					
Feb	-0.56	0.30	-0.34					
Mar	1.40	1.17	0.41					
Apr	1.40	1.83	1.09					
May	0.23	1.15	0.51					
Jun	0.96	0.04	0.72					
	Seasonally Ad	ljusted Series						
Jul		0.73	-0.82	1.21				
Aug	1.63	0.81	0.29	0.73				
Sep	2.08	1.11	0.93	-0.12				
Oct	0.78	1.22	0.15	1.73				
Nov	1.32	0.62	-0.09					
Dec	0.71	0.33	1.32					
Jan	0.79	1.07	1.16					
Feb	0.12	1.02	0.40					
Mar	1.20	0.96	0.21					
Apr	0.79	1.17	0.40					
May	0.56	1.56	0.96					
Jun	1.08	0.14	0.84					

Table 19: CPI Food Month-on-Month Change Original & Seasonally Adjusted Series								
Original Series								
Period	FY11	FY12	FY13	FY14				
Jul	1.84	2.90	1.80	3.01				
Aug	4.93	1.44	0.92	1.96				
Sep	4.64	1.60	0.69	-1.50				
Oct	-0.04	1.62	-0.07	1.68				
Nov	1.64	0.10	-0.33					
Dec	-1.74	-2.21	-0.03					
Jan	1.73	1.50	1.87					
Feb	-1.77	-0.66	-1.29					
Mar	2.16	1.53	0.52					
Apr	1.28	2.16	1.37					
May	-0.28	0.17	1.14					
Jun	0.66	-0.21	1.06					
	Seasonally Adj	justed Series						
Jul		1.45	0.23	1.31				
Aug	3.75	0.23	-0.30	0.76				
Sep	4.57	1.60	0.79	-1.36				
Oct	-0.35	1.32	-0.32	1.47				
Nov	2.10	0.55	-0.01					
Dec	0.40	-0.03	2.30					
Jan	1.35	1.06	1.39					
Feb	-0.35	0.85	0.24					
Mar	1.57	0.93	-0.05					
Apr	0.48	1.29	0.46					
May	0.01	0.57	1.61					
Jun	0.98	0.08	1.34					









Annexure B

Technical Notes

1. All the three measures of inflation, viz. CPI, WPI and SPI are computed by the following Laspeyres Index formula:

$$I_t = \sum_j w_0^j \left(\frac{P_t^j}{P_0^j} \right)$$

Where I_t is price index, w_0^j is weight of commodity j in the overall basket, P_t^j is price of commodity j in period t and P_0^j is its price in the base year.

- 2. Base year for all the indices is the year 2007-08.
- 3. CPI basket contains 487 consumers' goods; WPI basket contains 463 items; SPI contains 53 items.
- 4. YoY inflation is the percent change of an index in a given month over the index in the same month of the last year. It is computed as follows:

$$\pi_{t} = (\frac{I_{t}}{I_{t-12}} - 1) \times 100$$

5. Period average inflation is the percent change of the average index during the period from July to the given month of a fiscal year over the average index during the corresponding period of the last year. It is computed as follows:

$$\overline{\pi}_{t} = \left(\frac{\sum_{i=0}^{t-\nu} I_{t-i}}{\sum_{i=0}^{t-12-\nu} I_{t-12-i}} - 1\right) \times 100$$

Where v is the serial number of the month of July of current fiscal year in a given time series.

6. Monthly inflation is the percent change of an index in a given month over the index in the preceding month. It is computed as follows:

$$\pi_{t} = (\frac{I_{t}}{I_{t-1}} - 1) \times 100$$

7. 12-month moving average inflation (Long-run trend inflation) is the percent change of 12-month moving average of a price index; it is computed as follows:

$$\widetilde{\pi}_{t} = \left(\frac{\sum_{i=0}^{11} I_{t-i}}{\sum_{i=0}^{11} I_{t-12-i}} - 1\right) \times 100$$

- 8. Core Inflation is defined as the persistent component of measured inflation that excludes volatile and controlled prices. It reflects the normal supply and demand conditions in the economy. Core inflation is computed by the following two methods:
 - a) Non-food, Non-energy inflation (NFNE inflation); it is computed by excluding food group and energy items (kerosene oil, petrol, diesel, CNG, electricity and natural gas) from the CPI basket.
 - b) 20% trimmed-mean inflation; it is computed through the following steps:
 - i. All CPI items are arranged in ascending order according to YoY/12-month moving average/monthly/period average changes in their price indices in a given month.
 - ii. 20 percent of the items showing extreme changes are excluded with 10 percent of the items at the top of the list (corresponding to cumulative weight of 90% or more) and 10 percent of the items at the bottom of the list (corresponding to cumulative weight of 10 percent or less).
 - iii. The weighted mean of the changes in price indices of the rest of the items is core inflation.
 - c) Relatively Stable Component of CPI (RSC-CPI) developed by State Bank of Pakistan is a hybrid method based on permanent exclusion criteria. Volatile price items, to be excluded in the newly proposed

measure RSC-CPI, are identified by analyzing the list and frequency of commodities that have been trimmed frequently in the past while computing monthly weighted trimmed mean measure. Commodities that were trimmed out 13 and above times since July 2008 to February 2013 are selected for permanently excluding from the CPI basket. This newly developed component includes a mix of both food and non-food commodities that show persistent price behavior. Fifty Commodities included comprise relatively stable component (RSC-CPI) with a weight of 67.69. The detailed methodology of RSC-CPI and group wise items along their weights can be viewed at the following link;

http://www.sbp.org.pk/publications/wpapers/2013/wp66.pdf

Weighted contribution of different items (or sub-groups) to total inflation is worked out as below:

Let the overall index (I_t) is the weighted average of price indexes of individual items or sub-groups (I_{it}) , i.e.

$$I_{t} = \sum_{i} w_{i} \cdot I_{it}$$

The weighted contribution of a single item (or a sub-group) to overall inflation is defined as below:

$$C_{it} = \alpha_{it-12} \cdot w_i \cdot \left(\frac{\pi_{it}}{\pi_t}\right)$$

Where C_{ii} : Contribution of ith item to the overall inflation

$$\alpha_{it-12} = \frac{I_{it-12}}{I_{t-12}}$$
; i.e. ratio of item's index to overall index in the

reference month

 w_i : Weights of ith item

 π_{it} : Inflation of ith item

 π_{t} : Overall inflation

10. Annualized rate of inflation (based on a month-on-month rate π) is computed as follows

Annualized
$$\pi = ((1 + \frac{\pi}{100})^{12} - 1) \times 100$$

Methodology for Estimating Inflation Diffusion Index for Pakistan

We constructed an index to measure the spread of inflation in the 487 commodities of the CPI basket. It is based on month-on-month (MoM) change in the prices of these commodities and can be obtained by estimating what is known as an 'inflation diffusion index' (IDI) as below:

Number of Commodities with ↑ in MoM change-Number of Commodities with ↓ in MoM change Number of Commodities for which prices are reported

Thus, it is the difference between the share of items with increasing prices (i.e. depicting inflation) and the share of items with falling prices (i.e. depicting deflation) in CPI amongst the commodities for which prices have altered or remained constant¹.

Based upon commodity level price data from July 2001 to February 2011 we computed inflation diffusion indices overall (general) CPI basket and for all groups in CPI basket (except House Rent Index being single item). A simple analysis² suggests that IDI is a leading indicator for Pakistan's YoY inflation.

¹ We do not observe the prices of certain commodities (like the seasonal items) during certain periods of time. To calculate the inflation diffusion index we consider the commodities for which prices have been reported (irrespective of changed or not) during the month under review.

² Formal test shows one way 'Granger' causality from IDI to YoY inflation.