

Inflation

Inflation is the rate of increase in prices of goods and services. This does not necessarily mean that all prices increased. Inflation is, therefore, describe a persistent general increase in prices. Inflation is usually given as the percentage increase in overall prices over a year. There are different measures of inflation which are commonly used in economic literature. The most frequently quoted and most widely used the Consumer Price Index (CPI).

Pakistan experienced high and volatile inflation during FY2009, where in July 2008 it increased to 24.3 percent, then in August 2008 it reached at 25.3 percent. This was on account of a sharp spike in global commodity prices which exerted strong upward pressure on domestic prices. To some extent, it also reflected the excessive public sector borrowing as well adjustments in public utility prices generated by losses in public sector enterprises, especially electricity.

The present government when came into power sternly focused to anchor inflation and focused on resolving key issues and structural reforms. As high inflation eats away the value of money and is considered bad for the economy and for the general public. Some inflation however, is considered normal for any country. The government remained successful in containing inflation at 8.62 percent in FY2014 and further to 4.53 percent in FY2015. The current fiscal year inflation during July-April FY2016 has been further contained at 2.79 percent, which is the lowest in 13 years.

Prudent fiscal and monetary policies, stability in Pak Rupee, smooth supply of commodities in the market and monitoring of prices both at federal and provincial level along with fall in global commodity prices helped in moderating the headline inflation (CPI) and other inflationary indicators i.e. Core, Food, Non-food, SPI and WPI. The government has also passed on the

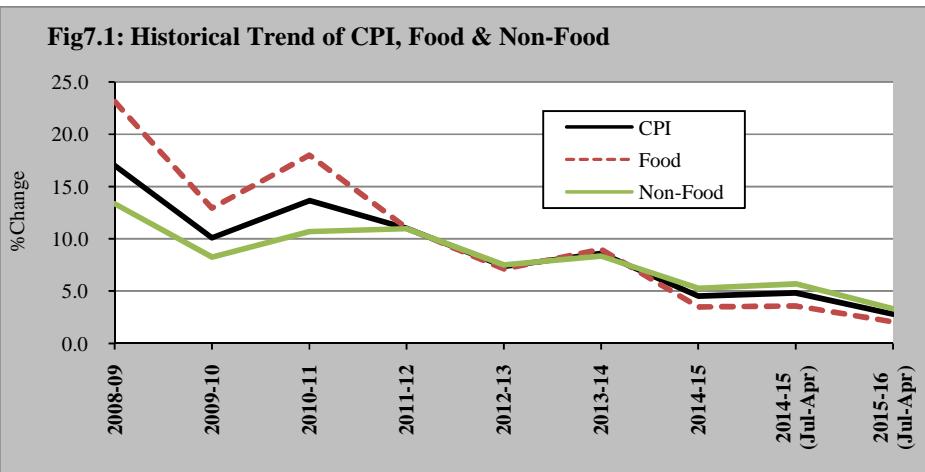
benefits of lower oil prices to domestic consumers which helped in bringing the stability in prices of commodities of the CPI basket.

Table 7.1: Historical Trend in Headline Inflation

	CPI	Food	Non-Food
2008-09	17.0	23.1	13.4
2009-10	10.1	12.9	8.3
2010-11	13.7	18.0	10.7
2011-12	11.0	11.0	11.0
2012-13	7.4	7.1	7.5
2013-14	8.6	9.0	8.3
2014-15	4.5	3.5	5.3
(Jul-Apr)			
2014-15	4.8	3.6	5.7
2015-16	2.8	2.1	3.3

Source: Pakistan Bureau of Statistics (PBS)

The current FY2016 started with lower headline inflation (CPI) at 1.9 percent in July, it further lowered down to 1.8 percent in August and in September further to 1.3 percent. Thus Q1 FY2016 witnessed average inflation at 1.7 percent as compared to 7.5 percent of Q1 FY2015. During Q2 FY2016 the CPI increased to 1.6 percent in October 2015, 2.7 percent in November 2015 and 3.2 percent in December 2015. Year-on-year inflation inched up during all three months of Q2 FY2016. As a result average inflation for Q2 FY2016 reached to 2.5 percent compared to 1.7 percent in Q1 FY2016, but remained below compared to Q2 FY2015 at 4.7 percent. The reversal in Q2 FY2016 inflation was mainly due to both direct and indirect impact on food and energy group, particularly upward adjustment in petrol prices in November 2015, lag impact of depreciation of PKR during Q1 FY2016 and also pickup in prices of some commodities like mash pulse 23.9 percent, tomatoes 36.5 percent, onion 24.7 percent, gram pulse 10.7 percent, tea 9.2 percent, gas 6.4 percent and electricity 0.9 percent.



The headline inflation during Q3 FY2016 remained on average at 3.8 percent compared to 3.2 percent Q3 FY2015. This was on account of increase in prices of commodities like mash pulse 8.5 percent, sugar 3.9 percent, fresh fruit 2.8 percent, wheat 2.6 percent, doctor fee 2.5 percent, house rent 2.0 percent, milk powder 1.3 and meat 1.3 percent.

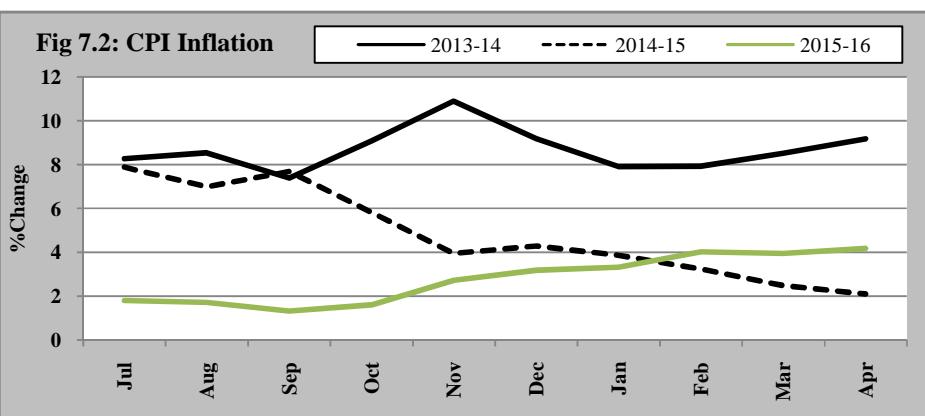
During first month of Q4 FY2016 it increased to 4.2 percent in April 2016. However, on average during July- April FY2016 it is recorded at 2.8 percent compared to 4.8 percent in July-April FY2015 and 8.7 percent FY2014. The other inflationary indicators like Sensitive Price Indicator (SPI) remained at 1.4 percent during July- April FY2016 compared to 1.9 percent FY2015 and 9.8 percent in FY2014. Wholesale Price Index (WPI) recorded at (-) 1.3 percent in

FY 2016 compared to 0.03 percent in FY2015 and 8.3 percent in FY2014. The table given below presents the CPI trend on year-on-year basis.

Table 7.2: CPI Inflation

	2013-14	2014-15	2015-16
July	8.3	7.9	1.9
August	8.5	7.0	1.8
September	7.4	7.7	1.3
October	9.1	5.8	1.6
November	10.9	4.0	2.7
December	9.2	4.3	3.2
January	7.9	3.9	3.3
February	7.9	3.2	4.0
March	8.5	2.5	3.9
April	9.2	2.1	4.2
Average (Jul-Apr)	8.7	4.8	2.8

Source: Pakistan Bureau of Statistics



Impact of global prices on domestic inflation

The global crude oil prices persistently declined from July 2015. During July 2015 to April 2016,

the crude oil prices declined by 24.3 percent. The government correspondingly reduced the retail prices of PoL products and passed on the benefit to the people and it also helped in softening the

Inflation

prices of other commodities in the CPI basket, through its spillover effects.

Table 7.3: Price of Petrol & Diesel			
Date	Petrol (MOGAS) (Rs / Liter)	Petrol (E-10) (Rs / Liter)	Diesel (Rs / Liter)
1-Jul-15	77.79	75.29	87.12
1-Aug-15	76.76	74.26	85.05
1-Sep-15	73.76	71.26	82.04
1-Oct-15	73.76	71.26	82.04
1-Nov-15	76.26	73.76	83.79
1-Dec-15	76.26	73.76	83.79
1-Jan-16	76.26	73.76	80.79
1-Feb-16	71.25	68.75	75.79
1-Mar-16	62.77	60.27	71.12
1-Apr-16	64.27	61.78	72.52

Table 7.4: Composition of CPI Inflation (July-Apr)

Commodity	Weights	% Change Inflation		Point Contribution	
		2014-15	2015-16	2014-15	2015-16
General (CPI)	100.00	4.81	2.79	4.81	2.79
Food Group	37.47	3.59	2.06	1.34	0.77
a)Food Products, Beverages and Tobacco	34.83	2.69	0.97	0.94	0.34
b) Alcoholic Beverages	1.41	21.29	21.71	0.30	0.31
c) Restaurant & Hotels	1.23	7.54	4.82	0.09	0.06
Non-Food	62.53	5.70	3.31	3.56	2.07
Clothing & Foot wear	7.57	8.43	4.83	0.64	0.37
Housing, Water, Elec. Gas & other Fuel	29.41	6.57	5.04	1.93	1.48
Furnishing & Household Equip.	4.21	7.08	4.07	0.30	0.17
Health	2.19	5.84	3.39	0.13	0.07
Transport	7.20	-3.09	-7.34	-0.22	-0.53
Communication	3.22	0.24	0.35	0.01	0.01
Recreation & culture	2.03	3.80	2.18	0.08	0.04
Education	3.94	14.61	8.72	0.58	0.34
Miscellaneous	2.07	5.53	2.93	0.11	0.06
Non-Food Non Energy	53.52	6.93	4.09	3.71	2.19

Source: Pakistan Bureau of Statistics

Low food prices mainly emanated from the Food product, Beverages and Tobacco recorded at 0.97 percent against 2.69 percent on account of smooth supply of commodities despite floods as well vigilant monitoring of prices coupled with decline in global food commodities.

The non-food inflation at 3.31 percent during the period under review remained stable to be compared to 5.70 percent last year. Amongst the non food groups, education index increased by 8.72 percent compared to 14.61 percent of the corresponding period last year. The same

Consumer Price index (CPI)

Consumer headline inflation measured by CPI during July-April FY2016 averaged at 2.79 percent against 4.81 percent in the same period last year. The food group with 37.47 percent weight in CPI basket showed an increase of 2.1 percent. This was lower than the 3.6 percent observed in the corresponding period of last year. Based on the current trend, the contribution of food inflation to the overall CPI is estimated at 0.77 percentage points and non-food inflation at 2.07 percentage points as against 1.34 percentage points percent and 3.56 percentage points, respectively, in the comparable period of last year. The percentage of inflation both food and non food items increased at lower pace compared to last year.

declining trend followed by clothing & footwear by 4.83 percent, Housing, water, Electricity, Gas & other fuels 5.04 percent, Health 3.39 percent, Transport (-)7.34 percent and recreation 2.18 percent during July-April FY2016 compared to 8.43 percent, 6.57 percent, 5.84 percent,(-)3.09 percent and 3.80 percent respectively, of the corresponding period last year.

Core Inflation

Core inflation is a measure which excludes transitory or temporary prices volatility as in the

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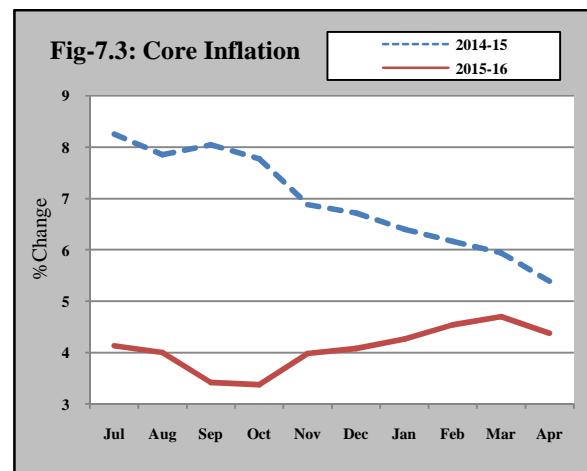
case of some commodities such as food and energy prices. It covers the prices of 43 items. Core inflation is calculated using the Consumer Price Index (CPI) by excluding such commodities to gauge the actual inflation apart from temporary shocks and volatility. The State Bank of Pakistan (SBP) uses core inflation when formulating its monetary policy. Thus the effect of monetary policy on prices is reflected on core inflation with lag effect; making it a good predictor of future CPI inflation. Government borrowing is one of the key factors influencing the trend of inflation owing positive relation between government borrowing and core inflation. During July-April FY2016, average core inflation recorded at 4.1 percent compared to 6.9 percent of FY2015, 8.2 percent FY2014 and 9.9 percent FY2013. The Table 7.5 shows the core inflation trend year-on-year basis.

Table 7.5: Core Inflation

	2014-15	2015-16
July	8.3	4.1
August	7.9	4.0
September	8.1	3.4
October	7.8	3.4
November	6.9	4.0
December	6.7	4.1
January	6.4	4.3
February	6.2	4.5
March	5.9	4.7
April	5.4	4.4
Average (Jul-Apr)	6.9	4.1

The decline in government sector borrowing during (July-March) FY2016 at 6.26 percent against 6.75 percent in the comparable period has

resulted in decline of core inflation to 4.1 percent during (July-April) FY2016 compared 6.9 percent in the same period last year. The retirement of Rs. 534.584 billion by the government to SBP during the period under review also helped in lowering down core inflation.



Inflation by Income Group

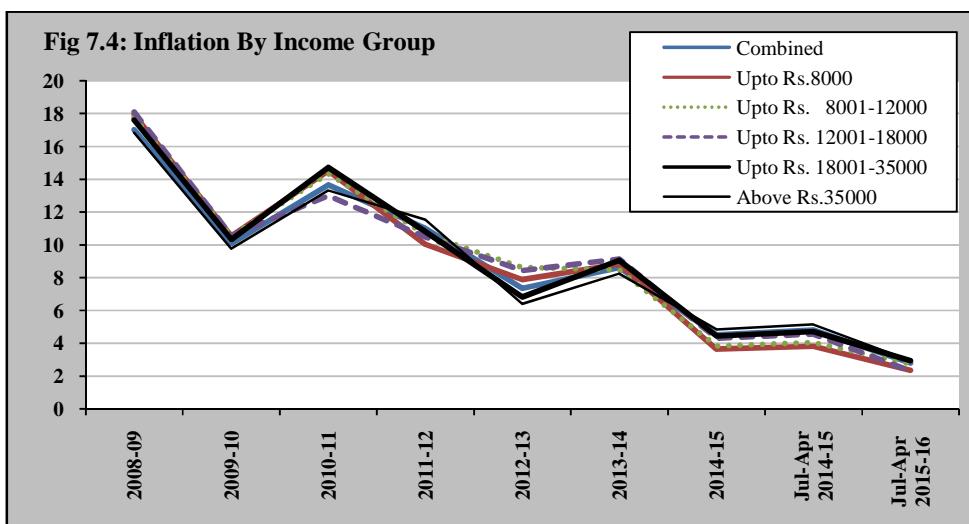
The Consumer price Index is constructed for five income groups (a) Upto Rs.8000 (b) Upto Rs.8001-12000 (c) Upto Rs. 12001-18000 (d) Upto Rs. 18001-35000 (e) Above Rs.35000.

During July-April FY2016, the variation in the indices for these various income groups shows a consistent pattern of movement from lower to higher income groups. In other words, the lowest income groups recorded smaller increase while the highest income group recorded the highest increase. Their comparative position is given in the following Table 7.6.

Table 7.6: Inflation by Consumer Income Groups (Base Year 2007-08=100)

	Combined	Upto Rs.8000	Upto Rs. 8001-12000	Upto Rs. 12001-18000	Upto Rs. 18001-35000	Above Rs.35000
2008-09	17.0	18.0	17.8	18.1	17.6	16.8
2009-10	10.1	10.5	10.5	10.6	10.3	9.8
2010-11	13.7	14.5	14.3	13.0	14.7	13.3
2011-12	11.0	10.0	10.6	10.5	10.8	11.5
2012-13	7.4	7.9	8.6	8.4	6.8	6.4
2013-14	8.6	8.8	8.5	9.1	9.1	8.3
2014-15	4.5	3.7	3.8	4.3	4.4	4.8
Jul-Apr						
2014-15	4.8	3.8	4.0	4.6	4.7	5.2
2015-16	2.8	2.4	2.8	2.5	2.9	3.0

Source: Pakistan Bureau of Statistics



Wholesale Price Index (WPI)

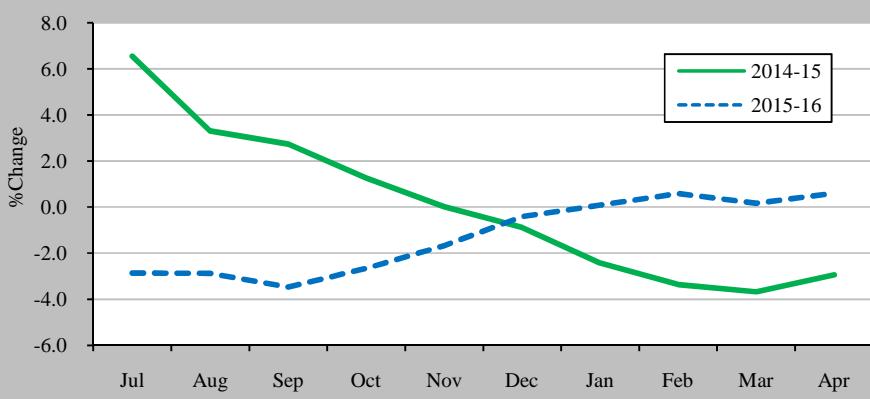
Wholesale Price Index (WPI) covers the prices of 463 items. Their prices are influenced immediately by trend in imports prices and local production. On average basis, there has been a constant decline in WPI over the last 10 months due to lower fuel and other commodity prices in global market which fed into domestic wholesale prices. The increase in supply in local wholesales market stemmed from easy imports, coupled with better local production resulted decline in WPI. The wholesale prices of 463 items collected from 21 cities and 21 markets have been divided into five (05) groups. The WPI year-on-year basis showing the trend given below.

Table 7.7: Wholesale Price Index (WPI)

	2014-15	2015-16
July	6.6	-2.9
August	3.3	-2.9
September	2.7	-3.5
October	1.3	-2.7
November	0.02	-1.7
December	-0.9	-0.4
January	-2.4	0.1
February	-3.4	0.6
March	-3.7	0.2
April	-2.9	0.6
Average (Jul-Apr)	0.03	-1.29

Source: Pakistan Bureau of Statistics

Fig 7.5: Wholesale Price Index (WPI)



Pakistan Economic Survey 2015-16

The following Table 7.8 shows the trend of various wholesale price groups.

Commodity	Weights	(% Change (July –Apr)		Impact	
		2014-15	2015-16	2014-15	2015-16
General (WPI)	100.00	0.03	-1.29	0.03	-1.29
Agriculture Forestry & Fishery	25.77	0.87	2.28	0.22	0.59
Non-Food	68.89	-1.26	-3.23	-0.87	-2.22
Ores & Minerals	12.04	2.30	0.37	0.28	0.04
Food Products, Beverages	31.11	3.08	3.10	0.96	0.96
Other Transportable Goods	22.37	-7.17	-13.37	-1.60	-2.99
Metal Products Machinery	8.71	2.91	-0.86	0.25	-0.07

Source: Pakistan Bureau of Statistics (PBS)

During July-April FY2016 the WPI reported at (-)1.29 percent compared 0.03 percent of last year. Movement of various groups of WPI shows the highest decline (13.4 percent) in transportable goods on account of decline in Motor sprit 18.8 percent, Diesel oil 26.8 percent, Kerosene oil 40.1 percent and Furnace oil 48.2 percent.

However, forty (40) Non-food items scattered in various non-food groups of WPI have recorded increase in their prices and contributed 0.58 percent to the overall WPI increase. The details are given in Table 7.9.

Table 7.9: (%) Change in prices of non-food major items of WPI			
Items	Weight	% change July-Apr (2015-16)	Impact
Matches	0.05	13.56	0.01
Woolen Carpets	0.04	13.43	0.01
Pesticides	0.28	11.66	0.03
Woven Fabrics	0.01	9.93	0.00
Timber	0.02	9.74	0.00
Ceramics And Sanitary	0.02	6.60	0.00
Plastic Products	0.46	6.53	0.03
Quilts	0.00	6.18	0.00
Glass Sheets	0.21	5.70	0.01
Silk And Reyon Fabrics	0.74	5.47	0.04
Other Fabrics	1.10	5.31	0.06
Hosiery Products	0.88	4.71	0.04
Other Glass Articles	0.16	4.70	0.01
Ready Made Garments	1.06	4.69	0.05
Bricks Blocks And Tiles	0.16	4.61	0.01
Blankets	0.00	4.42	0.00
Paints & Varnishes	0.19	3.97	0.01
Electrical Wires	0.09	3.91	0.00
Towels	0.12	3.90	0.00
Bed Foams	0.00	3.82	0.00
Medicines	1.14	3.10	0.04
Air Conditioners	0.00	2.99	0.00
Bed Sheets	0.09	2.74	0.00
Pipe Fittings	0.08	2.45	0.00
Leather With Out Hairs	0.30	2.45	0.01
Synthetic Carpets	0.06	2.31	0.00
Salt & Pure Sodium Chloride	0.06	2.07	0.00

Inflation

Table 7.9: (%) Change in prices of non-food major items of WPI

Items	Weight	% change July-Apr (2015-16)	Impact
Natural Gas Liquefied	5.74	2.04	0.12
Footwear	0.16	1.82	0.00
Soaps & Detergent	0.82	1.76	0.01
Cotton Fabrics	0.63	1.45	0.01
Dying Materials	0.15	1.25	0.00
Steel Products	0.39	1.21	0.00
Refrige,Wash& Sew Mach,Iron	1.16	1.11	0.01
Bicycles	3.35	0.91	0.03
Lighting Equipments	1.44	0.59	0.01
Motor Vehicles	0.02	0.50	0.00
Electrical Energy	5.49	0.34	0.02
Auto Tyres	0.27	0.06	0.00
Engines And Motors	0.00	0.05	0.00
Total	26.96	-	0.58

Source: Pakistan Bureau of Statistics (PBS)

Sensitive Price Indicator (SPI)

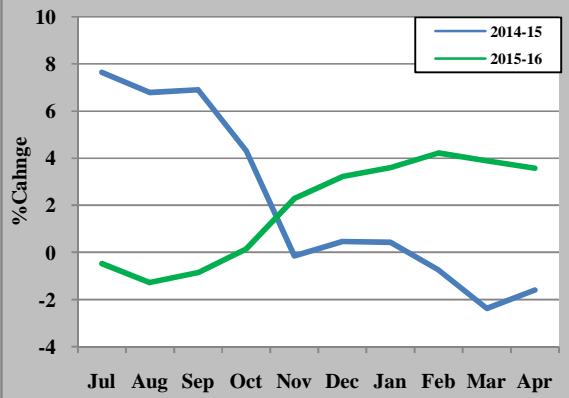
SPI monitors the prices of 53 most essential items taken from 17 different urban centers and reported every week. The trend of this index is monitored regularly and immediate measures are taken to control fluctuation in prices. The SPI year-on-year basis in FY2016 remained volatile as presented in Table-7.10 given below.

Table 7.10: Sensitive Price Indicator (SPI)

	2014-15	2015-16
July	7.6	-0.5
August	6.8	-1.3
September	6.9	-0.8
October	4.3	0.2
November	-0.1	2.3
December	0.5	3.2
January	0.4	3.6
February	-0.7	4.2
March	-2.4	3.9
April	-1.6	3.6
Average (Jul-Apr)	2.10	1.80

Source: Pakistan Bureau of Statistics

Fig 7.6 Sensitive Price Indicator (SPI)



The annualized increase in SPI during July-April FY2016 was recorded at 1.80 percent against 2.10 percent in the same period last year. The 12 major food items like rice basmati, onion, tomatoes, potatoes, wheat, eggs, cooking oil etc. having a weight of 27.27 percent contributed (-)1.18 percent in SPI. The other 13 major food items included garlic, pulses, tea, sugar, chicken, milk fresh and meat etc. having a weight of 35.61 percent contributed 3.30 in SPI.

Table 7.11: (%) Change in prices of major items of SPI

Items	Weight SPI Comb.	(% change) Apr 16/ Apr 15	Contribution
Decrease in Food Items			
Rice Basmati Broken	1.90	-14.88	-0.28
Onions	1.42	-12.12	-0.17
Egg (Farm)	1.19	-9.73	-0.12

Pakistan Economic Survey 2015-16

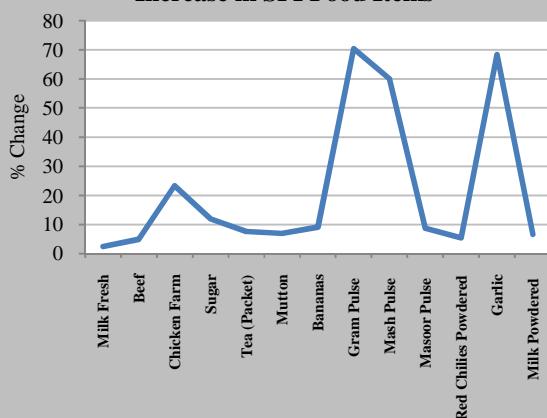
Table 7.11: (%) Change in prices of major items of SPI

Items	Weight SPI Comb.	(% change) Apr 16/ Apr 15	Contribution
Tomatoes	1.18	-8.47	-0.10
Rice Irri-6	0.19	-8.21	-0.02
Potatoes	1.25	-7.67	-0.10
Moong Pulse	0.61	-5.63	-0.03
Veg.Ghee (Tin)	2.71	-5.19	-0.14
Cooking Oil (Tin)	2.30	-5.13	-0.12
Veg.Ghee (Loose)	2.71	-2.53	-0.07
Wheat	0.91	-0.40	0.00
Wheat Flour	10.90	-0.33	-0.04
Total	27.27	-	-1.18
Increase in Food Items			
Gram Pulse	0.62	70.41	0.44
Garlic	0.36	68.32	0.25
Mash Pulse	0.55	59.98	0.33
Chicken Farm	3.56	23.27	0.83
Sugar	2.73	12.02	0.33
Bananas	1.39	9.11	0.13
Masoor Pulse	0.49	8.67	0.04
Tea (Packet)	2.15	7.56	0.16
Mutton	2.10	6.96	0.15
Milk Powdered	0.12	6.65	0.01
Red Chilies Powdered	0.44	5.39	0.02
Beef	4.27	4.88	0.21
Milk Fresh	16.84	2.44	0.41
Total	35.61		3.30

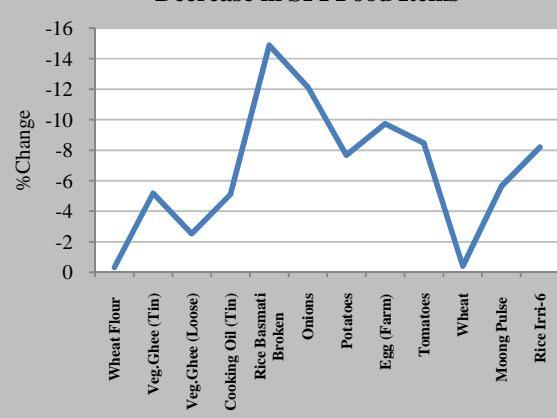
Source: Pakistan Bureau of Statistics (PBS)

Fig-7.7: Increase and Decrease in SPI Food Items

Increase in SPI Food Items



Decrease in SPI Food Items



International Prices

There has been an upward/downward trend observed in international commodity prices like palm oil and soyabean oil increased by 13.9 and 6.0 percent since July 2015. Prices of sugar

increased by 21.4 percent since July 2015. However, the prices of crude oil, wheat, tea and DAP declined by 24.3 percent, 5.0 percent, 16.7 percent and 23.7 percent respectively, during the same period.

Inflation

Table 7.12: International Prices of Major Commodities

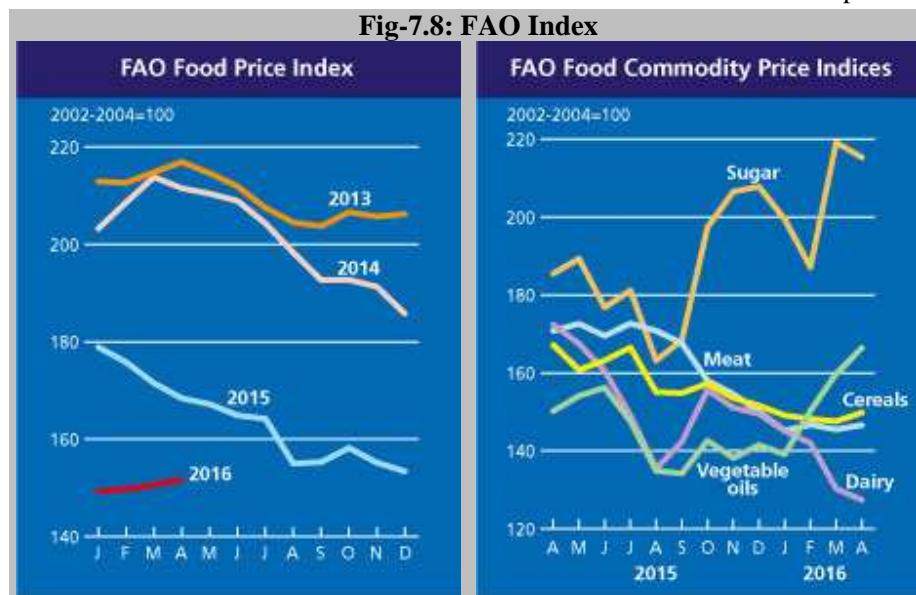
	Sugar \$/Ton	Palm Oil (\$/Ton)	Soyabean Oil (\$/Ton)	Crude Oil (\$/Brl)	Wheat (\$/Ton)	Tea \$/Ton	DAP \$/MT
Jul-15	280.0	635.0	751.0	55.9	197.4	3000.0	469.0
Aug-15	250.0	549.0	730.0	47.0	179.8	2880.0	464.0
Sep-15	260.0	538.0	727.0	47.2	172.7	2690.0	460.0
Oct-15	310.0	583.0	742.0	48.1	172.7	2790.0	442.0
Nov-15	320.0	558.0	726.0	44.4	176.9	2770.0	416.0
Dec-15	320.0	568.0	761.0	37.7	173.7	2720.0	400.0
Jan-16	310.0	566.0	727.0	30.8	193.3	2500.0	385.0
Feb-16	290.0	640.0	758.0	33.2	187.0	2310.0	355.0
Mar-16	340.0	686.0	761.0	39.1	191.2	2280.0	360.0
Apr-16	340.0	723.0	796.0	42.3	187.5	2500.0	358.0
%change							
Apr-16/Jul-15	21.4	13.9	6.0	-24.3	-5.0	-16.7	-23.7

Source: Commodities Price Pink Sheet

FAO Food Index:

According to FAO 2016, global food prices increased on account of strong rebound in sugar prices combined with a further increase in vegetable oil, more than offset a plunge in diary values. Wheat prices averages slightly lower as a result of strong competition and a generally favorable supply outlook in the new season. International Palm oil prices surged for the second

consecutive month on concerns about stagnating global production in 2016, following prolonged dry weather in Malaysia and Indonesia. While prices for all dairy commodities fell, butter and cheese were the most affected reflecting a build-up of stocks in the major exporting countries. The sharp increase in sugar prices on account of recent heavy rain in Brazil (the world's largest producer) and also use of raw sugar for the production of ethanol in Brazil also boosted prices.



Regional Countries Inflation

Inflation rate varied among regional countries. Pakistan's current inflation 4.2 percent in April 2016 is lower relative to other regional countries.

Pakistan food inflation is at 4.7 percent compared with 6.3 percent in India and 3.8 percent in Bangladesh.

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The variation in inflation was on account of varied reasons like macro-economic stability, monetary policy, international prices, weather, climate

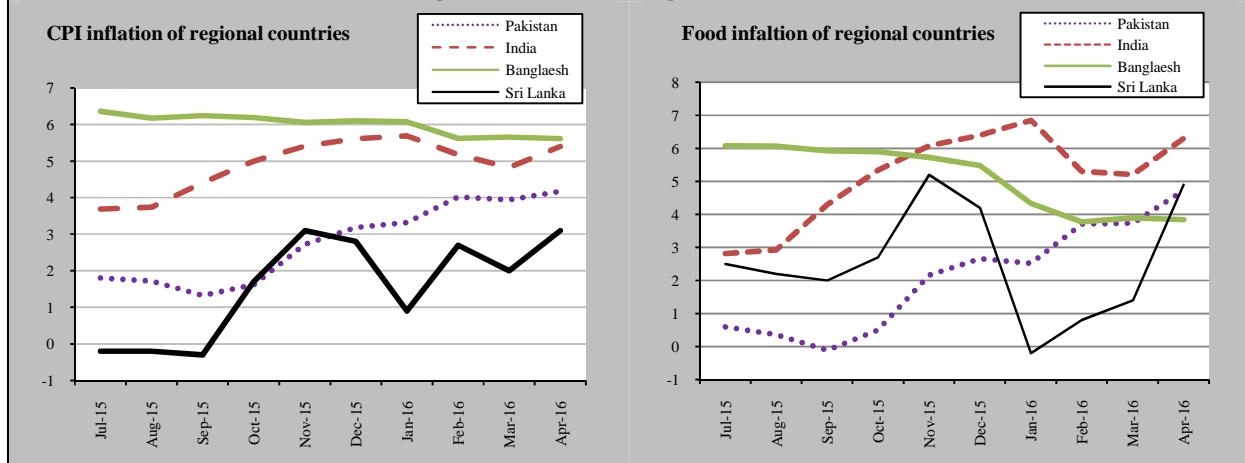
condition and variation in pattern of consumption. Trend and level of inflation is indicated in Table 7.13.

Table 7.13: Regional Inflation

Period	Pakistan			India			Bangladesh			Sri-Lanka		
	CPI	Food	Non-Food	CPI	Food	Non-Food	CPI	Food	Non-Food	CPI	Food	Non-Food
Jul-15	1.9	0.6	2.7	3.7	2.8	5.4	6.4	6.1	6.8	-0.2	2.5	-2.5
Aug-15	1.8	0.4	2.7	3.7	2.9	5.8	6.2	6.1	6.4	-0.2	2.2	-2.3
Sep-15	1.3	-0.1	2.4	4.4	4.3	5.3	6.2	5.9	6.7	-0.3	2.0	-2.2
Oct-15	1.6	0.5	2.4	5.0	5.3	5.3	6.2	5.9	6.7	1.7	2.7	0.8
Nov-15	2.7	2.2	3.1	5.4	6.1	5.3	6.1	5.7	6.6	3.1	5.2	1.1
Dec-15	3.2	2.7	3.6	5.6	6.4	5.5	6.1	5.5	7.1	2.8	4.2	1.5
Jan-16	3.3	2.5	3.9	5.7	6.9	5.3	6.1	4.3	8.7	0.9	-0.2	2.0
Feb-16	4.0	3.7	4.2	5.2	5.3	4.6	5.6	3.8	8.5	2.7	0.8	4.6
Mar-16	3.9	3.7	4.1	4.8	5.2	3.4	5.7	3.9	8.4	2.0	1.4	2.5
Apr-16	4.2	4.7	3.8	5.4	6.3	3.0	5.6	3.8	8.3	3.1	4.9	1.7

Source: Central Banks of respective countries

Fig-7.9: Inflation in Regional Countries



National Price Monitoring Committee:

National Price Monitoring Committee (NPMC) has been constituted on 24th January, 2011 under the chairmanship of Secretary Finance Division, comprising Ministry of Commerce, Ministry of Industries, Ministry of National Food Securities & Research and Secretaries of the concerned departments of provincial governments. NPMC has been mandated to (i) assess the demand and supply of key commodities (ii) to take / propose corrective measures as necessary. The Committee meets regularly where price and supply situation of essential items are reviewed. The present government is keeping a close watch on the

movement of the prices of essential consumer items which is evident that Federal Minister for Finance Chairs the NPMC meeting regularly. The committee focused on bringing price stability through monitoring the supply position and keeping a close watch on price movement among the provinces and ICT.

Provincial governments also monitor the prices and supply of essential items and take various proactive measures to bring stability in prices for the benefit of common man in the country. The provincial governments have also activated their District Price Control Committees to check and maintain the prices and established Sasta Bazars

Inflation

for the consumer where they get essential food items at reasonable rates. The Competition Commission of Pakistan (CCP) is actively working on to control hoarding, profiteering and breaking cartelization in essential food commodities to protect consumers from anti competitive practices in compliance of Minister of Finance direction. It may be pertinent to mention that the Commission has in the past taken action against cartels and abuse of dominant position by undertakings in the food sector these include actions against Pakistan Sugar Mills Association, Pakistan Poultry Association, and Pakistan Vanaspati Manufacturers Association etc. Apart from essential commodities, the Commission is also undertaking a number of probes/inquiries in the food sector or sectors that would have an impact on food prices. These include:

- Infant formula milk and Cerelac;
- Packaged milk;
- Poultry feed;
- Transportation fares (for passengers as well as freight); and
- Lubricants

Sasta Bazar Prices

A wide variation is observed in prices of 19 selected items in Sasta Bazars held in Islamabad and Four (4) provinces to compare with prices of these items in open market. Items with significant decline in their prices noted in almost all Sasta Bazars include tomatoes, onion, potatoes, garlic, masoor pulse, gram pulse, vegetable ghee (loose) and rice irri-6 due to their improved availability in these markets.

Table 7.14: Comparison of Prices of Kitchen Items in Sasta Bazar and Open Market

S.#	Commodity	Unit	ISLAMABAD			PUNJAB			SINDH			K.P.K			BALOCHISTAN		
			Sasta/Iwar/Sahulat Bazar Price 15/05/2016	Open Market Prices 12/05/2016	Difference (Sasta bazar -Open market) (in Rs.)	Sasta/Iwar/Sahulat Bazar Price 15/05/2016	Open Market Prices 12/05/2016	Difference (Sasta bazar-Open market) (in Rs.)	Sasta/Iwar/Sahulat Bazar Price 15/05/2016	Open Market Prices 12/05/2016	Difference (Sasta bazar-Open market) (in Rs.)	Sasta/Iwar/Sahulat Bazar Price 15/05/2016	Open Market Prices 12/05/2016	Difference (Sasta bazar-Open market) (in Rs.)	Prices Notified by DC Quetta on 24/03/2016	Open Market Prices 12/05/2016	Difference Prices Notified by DC Open market)
1	Wheat Flour Av. Qlt.	10 Kg	380.00	383.75	-3.75	352.81	363.24	-10.43	N.A	411.54	N.A	NA	374.17	NA	400.00	400.00	0.00
2	Rice Basmati Broken	Kg	70.00	76.25	-6.25	52.60	57.05	-4.45	62.50	68.75	-6.25	55.00	65.83	-10.83	105.00	65.00	40.00
3	Rice irri-6	Kg	52.50	60.00	-7.50	38.88	47.18	-8.31	42.00	43.31	-1.31	40.00	40.75	-0.75	N.A	50.00	N.A
4	Chicken Farm	Kg	170.00	176.06	-6.06	159.00	158.90	0.10	N.A	157.50	N.A	178.00	174.00	4.00	N.A	175.00	N.A
5	Egg (Farm)	Doz	67.00	75.63	-8.63	64.33	68.79	-4.46	N.A	70.85	N.A	75.00	77.00	-2.00	N.A	85.00	N.A
6	Cooking Oil (Tin)	2.5 Ltr.	445.00	445.00	0.00	435.00	453.43	-18.43	N.A	468.00	N.A	445.00	445.00	0.00	N.A	445.00	N.A
7	Veg. Ghee (Tin)	2.5 Kg	440.00	440.00	0.00	429.50	442.71	-13.21	N.A	453.00	N.A	440.00	440.00	0.00	N.A	430.00	N.A
8	Veg. Ghee (Loose)	Kg	140.00	143.75	-3.75	133.32	140.43	-7.11	140.00	140.10	-0.10	145.00	153.33	-8.33	130.00	125.00	5.00
9	Bananas	Doz	100.00	152.50	-52.50	73.57	85.60	-12.03	65.00	66.54	-1.54	60.00	85.00	-25.00	N.A	60.00	N.A
10	Masoor Pulse	Kg	150.00	168.13	-18.13	141.83	153.78	-11.94	146.50	148.46	-1.96	125.00	138.33	-13.33	135.00	170.00	-35.00
11	Moong Pulse	Kg	155.00	175.31	-20.31	139.67	157.47	-17.81	163.00	166.54	-3.54	127.50	142.33	-14.83	185.00	180.00	5.00
12	Mash Pulse	Kg	282.50	288.13	-5.63	253.00	277.70	-24.70	262.00	272.31	-10.31	255.00	276.67	-21.67	260.00	285.00	-25.00
13	Gram Pulse	Kg	140.00	153.75	-13.75	122.57	140.92	-18.35	145.00	149.62	-4.62	122.50	135.83	-13.33	135.00	160.00	-25.00
14	Potatoes	Kg	18.80	32.50	-13.70	17.14	21.67	-4.53	18.00	18.85	-0.85	20.00	23.33	-3.33	N.A	16.00	N.A
15	Onions	Kg	26.80	50.00	-23.20	26.29	33.19	-6.90	25.00	30.00	-5.00	30.00	38.33	-8.33	N.A	30.00	N.A
16	Tomatoes	Kg	18.00	39.38	-21.38	16.50	20.59	-4.09	25.00	24.23	0.77	25.00	25.00	0.00	N.A	20.00	N.A
17	Sugar	Kg	65.00	67.38	-2.38	62.54	64.11	-1.58	62.50	63.23	-0.73	64.00	64.83	-0.83	N.A	65.00	N.A
18	Red Chillies Powdered	Kg	290.00	326.25	-36.25	232.57	266.50	-33.92	312.50	326.25	-13.75	200.00	230.00	-30.00	N.A	310.00	N.A
19	Garlic	Kg	150.00	290.00	-140.00	164.00	204.35	-40.35	170.00	171.92	-1.92	130.00	153.33	-23.33	N.A	190.00	N.A

Source: Pakistan Bureau of Statistics

Regional Situation of Prices:

Prices of essential consumer items prevailing on 12th May 2016 in Pakistan indicates that in comparison with the regional countries Pakistan is the lowest in 12 items out of 23 items like Wheat,

Wheat Flour, Chicken farm, Petrol, Diesel, Rice Basmati, Vegetable ghee, Eggs, Masoor pulse, Mash pulse, Beef and Sugar than those of other regional countries. Second lowest in 7 items like Milk Fresh, Mutton, Moong Pulse, Red Chilies,

Pakistan Economic Survey 2015-16

Onion, Gram Pulse, Tomatoes and third lowest in 4 items like Potatoes, DAP, Tea and Urea. The variations in 23 items in Pakistan as against other regional countries are indicated in the Table

below. The large variation in prices of some specific items like meat and poultry products is due to different consumption pattern and socio cultural variation.

Items	Units	Islamabad	New Delhi	Dhaka	(Pak Rs.) Ranking
		12-05-2016	27-04-2016	27-04-2016	
Wheat	Kg	34	40	48	1
Wheat Flour	Kg	38	56	62	1
Chicken farm	Kg	176	320	201	1
Petrol	Ltr	64	98	133	1
Diesel	Ltr	72	83	91	1
Rice Basmati	Kg	76	192	244	1
Vegetable ghee	Kg	144	152	--	1
Eggs	Doz	76	80	141	1
Sugar	Kg	67	77	75	1
Masoor Pulse	Kg	168	176	422	1
Mash Pulse	Kg	288	320	--	1
Beef	Kg	339	352	578	1
Milk Fresh	Ltr	96	80	101	2
Mutton	Kg	733	673	846	2
Moong Pulse	Kg	175	208	168	2
Red Chilies	Kg	326	224	510	2
Onion	Kg	50	32	59	2
Gram Pulse	Kg	154	192	126	2
Tomatoes	Kg	39	32	48	2
Potatoes	Kg	32	24	32	3
DAP	50 Kg	2944*	1890	1679	3
Tea	Kg	789	657	502	3
Urea	50 Kg	1819*	464	1075	3

Source: Pakistan Bureau of Statistics

*: National Average

Conclusion:

Inflation in Pakistan is more stable. The current trend of inflation suggests that inflation will be contained much below the targeted inflation at 6 percent during FY2016 going forward. The government is successful in creating a balance between global and domestic prices to ensure the

stability in prices. Though the fall in oil prices was one of the major factors behind the recent decline in inflation, other factors like smooth supply of major commodities also contributed in softening CPI inflation. Moreover, a stable exchange rate, effective monetary and fiscal policy also played a key role to anchored the inflation.



INFLATION

TABLE 7.1 (A)

PRICE INDICES

A. COMBINED CONSUMER PRICE INDEX BY GROUPS												
Groups/ Fiscal Year	General Beverages & Tobacco	Food Beverages	Apparel Textile & Footwear	House Rent	Energy	Household Fur- niture, Equip- ments etc.	Transport & Commu- nication	Recreation Enter- tainment	Education	Cleaning, Laun- dry & Personal Appearance	Medicare	
(Base Year : 2000-01 = 100)												
2000-01	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
2001-02	103.54	102.50	103.23	102.80	107.76	103.80	103.80	106.30	104.97	102.50	102.37	
2002-03	106.75	105.40	106.75	103.80	118.39	105.29	105.29	107.21	109.72	103.37	105.59	
2003-04	111.63	111.74	109.69	108.20	120.26	115.72	115.72	106.08	114.19	111.29	106.89	
2004-05	121.98	125.69	112.98	120.42	128.46	117.33	120.18	105.86	117.55	115.90	107.94	
2005-06	131.64	134.39	117.58	132.36	147.24	124.25	130.99	105.65	125.03	119.49	110.66	
2006-07	141.87	148.21	123.70	141.21	156.65	131.64	134.63	105.76	133.82	124.55	120.91	
2007-08	158.90	174.36	133.79	154.47	165.17	141.08	138.66	107.86	140.88	138.28	132.23	
2008-09	191.90	215.69	152.82	180.90	198.92	159.58	192.55	120.00	165.27	163.17	147.25	
2009-10	214.41	242.59	162.49	205.88	226.90	169.76	204.15	127.09	185.74	180.52	157.02	
2010-11	244.26	286.15	181.97	220.90	261.67	187.04	233.52	139.63	197.14	203.16	180.67	
(Base Year : 2007-08 = 100)												
Groups/ Fiscal Year	General Non Alcholic Beverages	Food & & Tobacco	Clothing & Foot wear	Housing, Water, Elec.Gas & Fuel	Household Equipment & Repair Maintenance	Health	Transport	Communi- cation	Recreation & Culture	Eduction	Restaurant & Hotels	Miscellan- eous
2008-09	117.03	123.13	113.64	111.74	112.01	115.97	108.03	125.15	105.59	114.27	108.15	123.53
2009-10	128.85	139.05	136.71	119.22	122.14	123.93	114.33	132.79	109.65	127.87	119.39	140.36
2010-11	146.45	164.10	151.64	133.35	135.27	135.59	123.79	149.01	122.47	134.62	128.17	164.04
2011-12	162.57	182.20	165.01	153.45	146.17	160.28	137.97	171.39	122.94	145.35	143.83	185.82
2012-13	174.53	195.18	191.02	175.58	151.34	179.87	156.56	186.43	126.16	169.07	156.69	203.63
2013-14	189.58	212.74	223.38	198.01	164.60	195.85	167.15	195.15	129.76	183.77	172.57	228.61
2014-15	198.16	220.20	269.93	213.82	174.93	208.68	176.19	187.22	130.09	190.29	196.40	244.58
<u>Jul-Apr</u>												
2014-15	197.74	219.73	266.54	212.97	174.37	208.17	175.75	189.14	130.05	189.75	193.84	243.73
2015-16	203.25	224.25	324.42	223.25	183.16	216.63	181.71	175.24	130.51	193.89	210.74	255.49

Note: i) CPI 1990-91 base year series converted into base year 2000-01.

ii) The base for prices indices have been changed as 2007-08 new base year and different new groups have been included.

Therefore, data may differ from the previous one.

(Contd.)

TABLE 7.1 (B)**PRICE INDICES (HEADLINE & CORE INFLATION)**

Year	Indices				Headline & Core Inflation			
	General	Food	Non-Food	*Core	General	Food	Non-Food	*Core
(Base Year : 2000-01 = 100)								
2000-01	100.00	100.00	100.00	100.00	4.41	3.56	5.09	4.2
2001-02	103.54	102.50	104.28	103.76	3.54	2.44	4.28	2.0
2002-03	106.75	105.40	107.66	106.43	3.10	2.89	3.24	2.5
2003-04	111.63	111.74	111.55	110.43	4.57	6.01	3.62	3.8
2004-05	121.98	125.69	119.47	117.95	9.28	12.48	7.10	6.8
2005-06	131.64	134.39	129.77	126.82	7.92	6.92	8.63	7.5
2006-07	141.87	148.21	137.58	134.35	7.77	10.28	6.02	5.9
2007-08	158.90	174.36	148.45	145.60	12.00	17.65	7.90	8.4
2008-09	191.90	215.69	175.81	171.18	20.77	23.70	18.45	17.6
2009-10	214.41	242.59	195.36	190.03	11.73	12.47	11.12	11.0
2010-11	244.26	286.15	215.94	208.42	13.92	17.95	10.53	9.7
(Base Year : 2007-08 = 100)								
2008-09	117.03	123.13	113.37	111.38	17.03	23.13	13.37	11.38
2009-10	128.85	139.05	122.73	119.79	10.10	12.93	8.26	7.55
2010-11	146.45	164.10	135.87	131.03	13.66	18.02	10.71	9.38
2011-12	162.57	182.20	150.81	144.78	11.01	11.03	11.00	10.49
2012-13	174.53	195.18	162.16	158.62	7.36	7.12	7.53	9.56
2013-14	189.58	212.74	175.69	171.82	8.62	9.00	8.35	8.32
2014-15	198.16	220.20	184.95	183.08	4.53	3.50	5.27	6.55
<u>Jul-Apr</u>								
2014-15	197.74	219.73	184.55	182.48	4.81	3.59	5.70	6.94
2015-16	203.25	224.25	190.67	189.94	2.79	2.06	3.31	4.09

Note: i) CPI 1990-91 base year series converted into base year 2000-01.

ii) Core Inflation is defined as overall inflation adjusted for food and energy.

TABLE 7.1 (C)
PRICES INDICES

Groups/ Fiscal Year	B. Wholesale Price Index by Groups						Sensitive Price Indi- cator	GDP Deflator
	General	Food	Raw Materials	Fuel, Lighting & Lubricants	Manufac- tures	Building Materials		
(Base Year : 2000-01 = 100)								
2000-01	100.00	100.00	100.00	100.00	100.00	100.00	100.00	108.02
2001-02	102.01	101.95	100.31	103.14	101.87	101.10	103.37	110.71
2002-03	107.77	105.62	115.51	115.95	103.67	102.90	107.06	115.61
2003-04	116.29	112.99	135.12	119.23	111.83	126.48	114.38	124.55
2004-05	124.14	125.03	110.44	138.01	113.05	143.79	127.59	133.30
2005-06	136.68	133.78	121.93	174.57	116.27	144.18	136.56	100.00 *
2006-07	146.17	145.67	138.85	184.10	119.91	151.93	151.35	107.28
2007-08	170.15	173.27	156.57	223.34	128.33	177.18	176.78	121.13
2008-09	201.10	213.54	184.45	258.96	140.67	213.00	218.16	146.18
2009-10	226.49	239.01	238.11	296.48	154.94	201.40	247.22	161.89
2010-11	279.30	285.93	374.44	348.19	197.39	226.63	292.16	193.52
(Base Year : 2007-08 = 100)								
Groups/ Fiscal Year	General	Agriculture Forestry & Fishery Product	Ores & Minerals, Materials electricity	Food Product, Beverages & Tobacco, Textiles	Other Transportable Goods	Metal Products Machinery & Equipment	Sensitive Price Indi- cator	GDP Deflator
			gas & water	Appreal Leather Products				
2008-09	118.93	119.10	125.31	114.57	125.21	109.07	121.14	146.18
2009-10	135.40	142.02	139.76	135.02	135.41	111.10	136.80	161.89
2010-11	164.17	183.20	159.13	166.49	155.77	128.10	159.48	193.50
2011-12	181.28	185.03	182.74	176.07	194.64	152.55	170.77	204.45
2012-13	194.61	198.23	211.17	188.39	203.93	159.29	184.04	219.00
2013-14	210.48	219.00	240.37	200.70	214.59	168.31	201.15	235.18
2014-15	209.85	220.56	245.47	206.76	197.12	172.72	205.18	245.91
<u>Jul-Apr</u>								
2014-15	210.00	219.48	245.49	206.45	199.42	172.72	204.73	245.91
2015-16	207.28	224.48	246.41	212.84	172.76	171.24	207.66	250.72

*: Base Year 2005-06 = 100

Source: Pakistan Bureau of Statistics

Note: i) WPI 1990-91 base year series converted into base year 2000-01.

ii) The base for prices indices have been changed and different new groups have been included.

Therefore, data may differ from the previous one.

TABLE 7.2

MONTHLY PERCENTAGE CHANGES IN CPI, WPI AND SPI

Months													(Percent)					
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16		
A. CONSUMER PRICE INDEX (C.P.I) converted into Base year 2000-01												New Base Year 2007-08=100						
Jul	0.57	1.38	1.62	1.61	1.01	3.34	1.54	1.23	-	1.51	2.07	1.27	-0.25	2.02	1.70	0.43		
Aug	0.66	0.58	0.04	1.25	1.32	2.14	1.70	2.51	1.75	1.81	2.19	1.40	0.90	1.16	0.33	0.24		
Sep	0.60	0.38	0.50	0.32	2.13	0.97	0.45	2.65	0.80	0.17	2.03	1.03	0.79	-0.29	0.35	-0.10		
Oct	1.47	1.19	0.94	0.36	1.23	2.12	0.95	0.62	1.39	0.60	0.98	1.44	0.38	1.97	0.21	0.49		
Nov	0.60	1.12	0.76	0.73	0.14	-0.12	1.39	1.52	-0.32	1.32	0.99	0.29	-0.39	1.27	-0.51	0.59		
Dec	0.90	-0.85	-0.27	0.47	0.58	-0.50	-0.49	-0.51	-0.24	-0.73	-0.30	-0.70	0.23	-1.32	-1.01	-0.57		
Jan	-0.09	0.97	1.20	-0.88	1.91	-0.42	2.42	1.30	0.24	2.59	1.21	1.54	1.67	0.49	0.08	0.21		
Feb	-0.34	0.99	0.33	1.04	0.49	0.95	0.39	-0.74	1.37	0.38	-0.56	0.30	-0.34	-0.32	-0.92	-0.25		
Mar	1.02	1.29	0.23	0.49	3.08	1.37	1.25	1.48	0.36	1.24	1.40	1.17	0.41	0.96	0.23	0.15		
Apr	0.96	1.74	1.02	0.31	3.04	1.41	1.73	1.62	1.00	1.83	1.40	1.83	1.09	1.70	1.32	1.55		
May	0.69	-0.44	0.45	0.92	2.69	0.23	0.06	0.23	-0.07	0.13	0.23	1.15	0.51	-0.26	0.76	-		
Jun	1.12	0.10	0.59	0.20	2.10	0.99	0.65	0.55	0.87	0.36	0.96	0.04	0.72	0.61	0.62	-		
B. WHOLESALE PRICE INDEX (W.P.I) converted into Base year 2000-0												New Base Year 2007-08=100						
Jul	1.31	-1.00	1.99	1.42	1.70	4.35	0.70	1.67	-	1.75	1.66	-0.40	0.36	1.65	0.54	-0.38		
Aug	0.98	-1.08	1.04	0.78	1.17	2.45	2.21	2.62	1.90	2.47	1.91	0.55	1.02	2.65	-0.48	-0.49		
Sep	0.34	0.40	0.54	0.44	1.62	-0.27	0.17	2.09	0.49	0.81	1.70	0.25	0.35	0.71	0.15	-0.46		
Oct	2.72	1.42	0.77	-0.49	1.82	-1.87	1.17	3.09	-1.08	0.93	1.74	0.37	0.11	1.13	-0.31	0.53		
Nov	1.10	0.39	0.18	0.89	1.63	-5.11	2.78	3.48	-3.24	1.83	2.54	-0.53	-0.37	0.25	-0.99	0.01		
Dec	1.39	-0.25	-0.13	0.37	-0.06	-1.97	0.20	1.06	-0.32	0.18	1.97	-1.33	0.43	-0.99	-1.89	-0.65		
Jan	0.21	1.53	1.28	-1.20	1.78	0.15	4.23	1.65	-0.04	3.26	1.91	2.26	1.25	0.53	-1.03	-0.53		
Feb	0.40	1.52	0.77	0.51	1.24	0.66	0.36	1.87	0.95	0.94	1.96	0.56	0.34	-0.14	-1.09	-0.59		
Mar	1.77	1.39	0.07	1.02	3.99	0.42	2.53	3.34	0.44	1.51	3.31	0.67	0.26	0.34	0.01	-0.40		
Apr	0.32	1.61	1.23	1.16	4.30	1.68	1.84	2.26	1.68	1.95	2.45	1.80	0.77	0.10	0.86	1.30		
May	0.98	-0.59	0.35	1.09	4.97	1.52	0.87	-1.55	1.31	1.15	-0.96	2.15	-0.43	-0.08	1.10	-		
Jun	0.59	0.71	63.00	1.10	2.98	2.40	-0.63	0.22	-	1.23	0.17	0.57	-0.05	1.00	1.37	1.18		
C. SENSITIVE PRICE INDEX (S.P.I) converted into Base year 2000-01												New Base Year 2007-08=100						
Jul	1.34	2.43	1.35	1.36	1.46	3.77	2.78	1.85	-	2.77	2.26	2.38	0.51	2.27	1.95	0.34		
Aug	0.70	1.18	0.26	2.18	1.67	2.34	1.68	2.86	2.38	2.28	2.26	0.83	1.29	1.54	0.83	-0.19		
Sep	0.75	0.29	0.23	0.41	2.63	0.51	0.56	4.32	0.39	0.66	5.11	1.34	1.25	0.06	0.24	0.46		
Oct	2.34	0.53	0.05	0.56	1.47	2.70	0.35	2.18	1.82	0.20	1.76	0.76	-0.45	1.17	-0.03	1.18		
Nov	2.64	1.94	0.88	2.34	0.85	-1.35	2.49	3.79	-0.69	1.97	3.40	0.74	0.03	3.22	-1.13	1.00		
Dec	1.31	-0.98	-0.24	0.76	1.45	-1.69	0.66	-0.64	-1.19	-0.18	-1.27	-2.01	0.05	-2.54	-1.52	-0.71		
Jan	-0.69	0.91	0.80	-1.32	2.67	-1.42	2.88	0.47	-2.38	3.28	0.07	1.00	1.92	-2.54	-0.87	-0.67		
Feb	-0.61	0.54	1.46	0.09	-1.33	0.85	0.56	-1.13	1.03	0.45	-1.33	-0.12	0.07	-0.09	-0.99	-0.52		
Mar	1.30	1.07	0.84	-0.01	3.42	0.64	0.78	0.79	0.80	1.14	0.66	1.49	0.78	2.15	0.00	-0.15		
Apr	-0.51	1.29	1.33	0.09	5.48	1.68	0.43	0.55	0.89	0.77	0.31	1.67	-0.29	0.07	0.39	-0.12		
May	2.14	-1.02	0.65	1.37	5.41	1.27	-0.06	-0.32	1.43	-0.24	-0.66	-0.14	0.07	-1.51	1.31	-		
Jun	1.31	0.70	0.45	1.48	1.56	1.17	0.95	1.16	1.41	0.56	-0.08	1.39	2.45	1.11	0.99	-		

Note: CPI, SPI and WPI 1990-91 base year series converted into Base Year 2000-01.

Source: Pakistan Bureau of Statistics

TABLE 7.3 (A)**PRICE INDICES BY CONSUMER INCOME GROUPS**

Income Group/ Fiscal Year	All Income Groups	Upto Rs 3000	Rs 3001 to 5000	Rs 5001 to 12000	Above Rs 12,000
Base Year 2000-01 = 100					
2000-01	100.00	100.00	100.00	100.00	100.00
2001-02	103.54	102.97	104.88	103.44	103.64
2002-03	106.75	105.95	106.70	106.68	106.83
2003-04	111.63	111.61	112.18	111.72	111.39
2004-05	121.98	123.01	123.16	122.26	121.35
2005-06	131.64	132.47	132.44	131.51	131.45
2006-07	141.87	143.52	143.42	142.05	141.19
2007-08	158.90	163.98	163.64	160.24	156.32
2008-09	191.90	200.20	199.83	194.91	186.86
2009-10	214.41	224.33	223.81	218.07	208.34
2010-11	244.26	258.35	257.12	249.10	236.38
Spliced with Base Year 2007-08 = 100					
Income Group/ Fiscal Year	All Income Groups	Upto Rs 8000	Rs 8001 to 12000	Rs 12000 to 18000	Rs 18001 to - 35000
2008-09	117.03	117.95	117.77	118.11	117.61
2009-10	128.85	130.39	130.19	130.61	129.77
2010-11	146.45	149.04	148.56	147.59	148.91
2011-12	162.57	164.00	164.37	163.06	165.01
2012-13	174.53	176.93	178.55	176.83	176.28
2013-14	189.58	192.57	193.69	193.00	192.26
2014-15	198.16	199.60	201.15	201.33	200.80
Jul-Apr					
2014-15	197.74	199.34	200.82	200.93	200.38
2015-16	203.25	204.04	206.36	205.60	206.29
					201.07

Source: Pakistan Bureau of Statistics

Note: CPI 1990-91 Base Year series have been converted into Base Year 2000-01.

TABLE 7.3 (B)
ANNUAL CHANGES IN PRICE INDICES AND GDP DEFLATOR

Fiscal Year	Consumer Price Index	Wholesale Price Index	Sensitive Price Indicator	Annual GDP Deflator
Base Year 2000-01 = 100				
2000-01	4.41	6.21	4.84	6.72
2001-02	3.54	2.08	3.37	2.49
2002-03	3.10	5.57	3.58	4.42
2003-04	4.57	7.91	6.83	7.74
2004-05	9.28	6.75	11.55	7.02
2005-06	7.92	10.10	7.02	10.49
2006-07	7.77	6.94	10.82	7.28 *
2007-08	12.00	16.64	16.81	12.91
2008-09	20.77	18.19	23.41	20.68
2009-10	11.73	12.63	13.32	10.75
2010-11	13.92	23.32	18.18	19.54
(Base Year : 2007-08 = 100)				
2008-09	17.0	18.9	21.1	20.7
2009-10	10.1	13.8	12.9	10.8
2010-11	13.7	21.2	16.6	19.5
2011-12	11.0	10.4	7.1	5.7
2012-13	7.4	7.4	7.8	7.1
2013-14	8.6	8.2	9.3	7.4
2014-15	4.5	-0.3	1.7	4.6
<u>Jul-Apr</u>				
2014-15	4.81	0.03	1.86	4.60
2015-16	2.79	-1.29	1.43	2.00

Source: Pakistan Bureau of Statistics

*: Base Year 2005-06 = 100

Note: i) WPI, CPI & SPI Base Year = 1990-91 series have been converted into Base Year 2000-01.
ii) GDP Deflator is with 1999-2000 = 100 as base year.

TABLE 7.4
AVERAGE RETAIL PRICES OF ESSENTIAL ITEMS

Fiscal Year	Wheat (Av.Qlty)	Wheat Flour (Av.Qlty)	Basmati* Rice (Broken)	Moong Pulse (Washed)	Gram Pulse (Av.Qlty)	Beef (Cow/ Buffalo with bone)	Chicken (Farm)	Mutton (Goat) (Av.Qlty)	Eggs Hen (Farm) Doz.	Potato (Av.Qlty)	Dry Onion (Av.Qlty)	Tomato (Av.Qlty)
Base Year 2000-01 = 100												
2000-01	8.67	9.80	15.35	30.30	29.52	56.01	50.65	109.38	26.35	9.74	10.72	17.24
2001-02	8.29	9.67	15.49	34.36	34.89	55.19	52.04	111.53	28.57	11.43	9.59	17.12
2002-03	8.73	10.14	18.07	30.46	31.13	61.21	54.01	124.95	30.69	9.43	8.70	13.30
2003-04	10.25	11.71	19.04	27.98	24.17	75.45	57.50	154.31	30.03	8.58	11.09	19.10
2004-05	11.68	13.28	20.19	31.66	29.35	94.83	66.43	185.19	37.45	14.94	13.82	25.03
2005-06	11.55	13.06	20.16	47.28	31.12	106.84	66.08	202.10	35.07	18.18	12.05	19.48
2006-07	11.96	13.64	23.11	56.53	41.38	117.87	74.16	224.07	38.31	17.22	20.95	27.43
2007-08	16.44	18.07	37.77	52.67	44.78	123.30	83.39	236.49	49.45	15.22	16.28	28.50
2008-09	23.87	25.64	47.12	50.10	57.15	143.82	103.13	262.03	58.80	20.36	25.77	29.67
2009-10	25.40	28.77	43.92	78.02	53.34	174.49	126.22	316.52	65.67	23.74	25.56	27.72
2010-11	25.79	29.56	50.32	136.49	70.25	215.42	130.98	411.48	72.78	27.59	33.27	44.86
(Base Year : 2007-08 = 100)												
2008-09	240.70	255.34	47.12	50.10	57.15	143.82	103.13	262.03	58.80	20.36	25.77	29.70
2009-10	255.11	287.32	43.92	78.02	53.34	174.49	126.22	316.52	65.67	23.74	25.56	27.72
2010-11	259.75	294.05	50.32	136.49	70.25	215.42	130.98	411.48	72.78	27.58	33.28	44.86
2011-12	267.39	302.59	60.36	127.90	83.32	252.41	150.07	482.04	86.95	25.33	32.24	46.46
2012-13	306.07	345.26	69.01	115.95	99.70	268.38	143.93	517.83	92.02	26.09	36.71	49.80
2013-14	370.22	409.84	74.09	137.64	74.77	283.99	161.40	559.49	97.61	42.79	41.63	58.36
2014-15	345.59	392.78	72.38	161.94	79.33	301.55	153.64	592.56	98.71	42.49	35.80	55.05
<u>Jul-Apr</u>												
2014-15	349.15	395.84	73.01	160.48	76.38	300.96	148.37	590.90	102.25	46.61	33.63	54.27
2015-16	342.29	388.60	63.69	160.58	119.67	315.44	148.91	625.35	92.87	25.82	46.79	52.69

.. Not Available

(Contd.)

Note: i) Data for Period: 1990-91 - 2000-01 is based on 12 centres while data 2001-02 onward is based on 17 centres.

ii) Wheat and Wheat Flour price in Base Year 2007-08=100 is quoted as 10 Kg prices.

TABLE 7.4 (Continued)

AVERAGE RETAIL PRICES OF ESSENTIAL ITEMS

Fiscal Year	Mustard Oil (Mill)	Vegetable Ghee (Loose)	Rock Salt (Powder)	Red Chilies (Av.Qlty)	Sugar (Open Market)	Gur (Sup. Qlty)	Milk Fresh Ltr.	Tea in* Packet (Sup.Qlty) 250 grams
Base Year 2000-01 = 100								
2000-01	56.92	44.82	3.43	66.75	27.11	26.31	18.23	53.73
2001-02	59.01	49.20	3.19	78.34	22.87	23.12	17.92	57.00
2002-03	60.80	55.25	3.21	75.87	20.77	20.45	18.35	61.50
2003-04	63.51	59.84	3.22	73.80	19.01	19.79	19.21	64.68
2004-05	65.63	59.60	3.50	76.64	23.45	23.98	21.28	61.99
2005-06	66.70	58.95	3.94	70.79	31.16	35.90	23.90	62.62
2006-07	76.71	70.81	4.68	94.66	31.85	39.26	26.72	68.39
2007-08	119.71	108.43	5.12	147.84	27.92	32.87	30.45	68.28
2008-09	142.25	110.63	6.08	145.32	38.72	43.65	36.62	97.94
2009-10	133.56	112.04	6.69	152.38	57.11	70.74	42.32	120.77
2010-11	156.56	150.31	7.23	230.27	72.72	83.86	50.10	139.17
(Base Year : 2007-08 = 100)								
2008-09	142.25	110.62	6.09	145.32	38.72	43.65	36.62	88.89
2009-10	133.55	112.04	6.69	152.38	57.11	70.74	42.32	108.98
2010-11	156.56	150.31	7.28	230.27	72.72	83.86	50.10	123.19
2011-12	178.29	166.26	8.13	299.42	60.99	78.27	58.17	135.15
2012-13	185.88	160.73	8.74	254.06	53.25	74.50	65.24	146.01
2013-14	184.48	160.57	9.37	221.33	53.82	82.83	69.86	154.58
2014-15	183.08	151.90	9.98	261.42	57.14	83.95	76.21	133.80
<u>Jul-Apr</u>								
2014-15	184.02	153.91	9.96	260.30	56.37	82.96	76.00	130.40
2015-16	179.64	138.22	10.42	273.32	62.30	89.44	77.98	175.73

*: Tea packet prices in Bases year 2007-08=100 is quoted of 200 grams packet price.

(Contd.)

TABLE 7.4 (Continued)

AVERAGE RETAIL PRICES OF ESSENTIAL ITEMS

Fiscal Year	Cigarettes Pkt	Coarse Latha Mtr.	Voil Printed Mtr.	Shoes Gents Concord Bata	Firewood (Kikar/ Babul) 40 Kgs.	Match Box (40/ 50 Sticks)	Washing Soap 707/555 Cake	Life-buoy Soap Cake	(Rs/unit)
	Base Year 2000-01 = 100								
2000-01	5.01	24.11	33.04	399.00	104.04	0.50	6.90	9.50	
2001-02	5.82	26.81	33.30	399.00	99.30	0.51	7.37	10.02	
2002-03	6.06	26.84	33.74	428.17	104.20	0.51	7.48	11.00	
2003-04	6.08	28.80	34.52	499.00	118.40	0.51	7.48	10.82	
2004-05	6.90	32.08	36.13	492.33	135.96	0.53	7.47	14.00	
2005-06	7.23	34.26	36.74	399.00	166.03	0.62	7.73	13.93	
2006-07	7.98	35.05	37.90	429.00	191.72	0.71	8.13	14.18	
2007-08	8.38	39.04	40.29	499.00	220.74	0.92	9.78	17.38	
2008-09	9.11	44.69	46.02	499.00	264.12	1.00	12.51	21.59	
2009-10	11.55	47.25	48.91	499.00	296.64	1.00	12.87	22.00	
2010-11	13.72	57.52	56.67	499.00	354.29	1.00	15.14	25.47	
	(Base Year : 2007-08 = 100)								
2008-09	18.19	135.35	59.29	499.00	264.12	1.00	12.51	21.59	
2009-10	23.11	135.69	63.31	499.00	296.64	1.00	12.87	22.00	
2010-11	27.44	148.57	72.35	499.00	354.29	1.00	15.14	25.47	
2011-12	29.10	111.21	88.07	499.00	441.74	1.06	18.39	30.50	
2012-13	32.34	151.14	101.61	549.00	491.55	1.10	21.00	32.29	
2013-14	38.45	176.59	112.40	671.92	538.12	1.42	23.34	35.86	
2014-15	45.85	200.22	122.90	699.00	566.85	1.74	24.33	36.06	
<u>Jul-Apr</u>									
2014-15	45.29	199.84	122.86	699.00	564.52	1.71	24.32	36.00	
2015-16	57.10	202.86	123.21	699.00	592.73	1.97	24.68	36.21	

Note: Prices of Long Cloth and Georgerette have been quoted in base year 2007-08 instead of prices of Coarse Latha and Voil Printed in previous base year.

(Contd.)

TABLE 7.4 (Continued)

AVERAGE RETAIL PRICES OF ESSENTIAL ITEMS

Fiscal Year	Electric Bulb (60-W)	Cooked Beef Plate	Cooked Dal Plate	Rice Irri-6 Kg	Masoor Pulse Kg	Mash Pulse Kg	Garlic Kg	Cooking Oil 2.5 Ltr	Vegetable Ghee 2.5 Kg	(Rs/unit)
Base Year 2000-01 = 100										
2000-01	14.10	18.53	11.87	11.56	36.97	48.38	28.07	155.64	153.43	
2001-02	14.00	18.58	12.42	11.51	38.41	44.25	39.93	170.97	169.24	
2002-03	13.30	18.88	13.09	12.23	38.41	37.56	34.11	199.68	196.77	
2003-04	12.69	20.95	13.86	13.06	35.40	35.57	32.82	203.98	200.28	
2004-05	12.07	24.21	14.71	15.41	43.11	38.52	44.22	204.99	204.15	
2005-06	11.43	26.07	15.65	16.05	45.01	52.91	58.09	204.41	203.63	
2006-07	11.95	29.80	17.84	17.59	44.54	70.51	61.81	224.48	224.06	
2007-08	12.68	33.26	20.46	29.32	71.41	71.36	46.18	316.32	312.97	
2008-09	14.83	40.18	25.59	39.35	122.16	77.31	41.64	371.38	356.44	
2009-10	19.79	44.82	28.07	34.43	121.92	129.88	131.52	359.05	356.58	
2010-11	24.07	52.88	33.65	38.87	117.72	163.16	198.92	435.88	435.98	
(Base Year : 2007-08 = 100)										
2008-09	112.96	40.18	25.59	39.35	122.16	77.31	41.68	371.38	356.44	
2009-10	118.78	44.82	28.07	34.43	121.92	129.88	131.52	359.05	356.58	
2010-11	124.75	52.88	33.65	38.87	117.72	163.16	198.92	435.88	435.98	
2011-12	139.93	60.54	37.27	45.68	102.64	145.82	107.89	502.66	501.91	
2012-13	151.82	68.55	40.16	49.90	100.39	132.72	123.18	535.55	519.06	
2013-14	162.69	77.84	45.46	54.05	120.49	134.21	129.71	538.73	511.77	
2014-15	165.49	82.86	48.41	51.99	135.32	163.82	139.00	513.55	495.00	
<u>Jul-Apr</u>										
2014-15	165.44	82.66	48.26	52.33	134.12	160.35	137.72	522.43	501.71	
2015-16	166.78	86.49	52.08	47.31	145.30	231.53	201.74	458.26	449.68	

(Contd.)

Note: Prices of Energy Saver (14-volts) have been quoted in new base year 2007-08 instead of Electric Bulb (60 volts) prices in previous base year.

TABLE 7.4 (Continued)

AVERAGE RETAIL PRICES OF ESSENTIAL ITEMS

Fiscal Year	Curd Kg	Tea Prepared Cup	Banana Doz.	Lawn Hussain Mtr.	Shirting Hussain Mtr.	Shoes Lady Bata	Chappal Gents Spang	Bread Plain M.Size	(Rs/Unit)	
									Base Year 2000-01 = 100	
2000-01	22.43	4.03	22.11	77.77	59.10	319.00	79.00	11.17	114.03	*
2001-02	21.90	4.18	22.14	70.79	55.17	319.00	79.00	11.14	116.00	
2002-03	23.35	4.46	21.96	69.92	55.59	342.23	79.00	11.16	88.00	
2003-04	23.33	4.72	23.01	69.96	56.78	364.00	79.00	11.77	94.75	
2004-05	25.75	5.12	25.11	72.61	59.94	252.33	86.53	13.25	102.62	
2005-06	28.38	5.77	28.18	76.42	62.36	299.00	89.00	14.23	108.50	
2006-07	31.34	6.31	32.51	79.69	65.45	299.00	92.00	15.34	121.47	
2007-08	35.76	6.91	35.43	83.45	71.01	299.00	101.50	18.43	145.93	
2008-09	43.38	8.41	39.62	91.00	78.38	372.33	127.33	24.17	168.48	
2009-10	49.74	10.07	40.94	137.48	81.55	379.00	129.00	26.42	183.31	
2010-11	58.41	12.66	49.15	110.53	88.80	397.33	139.00	28.24	204.38	
										(Base Year : 2007-08 = 100)
2008-09	43.38	8.41	39.62	126.32	78.38	372.33	129.00	24.17	168.48	
2009-10	49.74	10.07	40.94	137.48	81.55	379.00	129.00	26.42	183.31	
2010-11	58.41	12.66	49.16	150.31	88.80	397.33	139.00	28.24	204.38	
2011-12	68.19	14.25	65.10	166.26	108.37	399.00	152.08	31.23	247.85	
2012-13	75.74	15.30	68.83	166.52	124.22	449.00	179.00	34.23	289.78	
2013-14	81.88	16.97	70.63	198.05	144.91	499.00	179.00	39.17	310.50	
2014-15	89.48	18.70	76.77	239.61	157.72	499.00	179.00	40.78	251.69	
<u>Jul-Apr</u>										
2014-15	89.29	18.65	74.07	239.10	157.29	499.00	179.00	40.78	350.86	
2015-16	91.89	19.32	72.37	243.66	161.92	500.26	179.00	40.82	370.92	

Source: Pakistan Bureau of Statistics

* : The unit has changed from 500 gms to 400 gms in base year 2000-01

TABLE 7.4 (Concluded)**AVERAGE RETAIL PRICES OF ESSENTIAL ITEMS (Average of 12 Centers)**

Fiscal Year	Kerosene (per ltr.)	Gas Charges (100 cf)*	Elect Charges (upto 50 units)	Petrol Super (per ltr.)	Tele Local Call Charges (per Call)
Base Year 2000-01 = 100					
2000-01	16.84	248.55	1.46	29.34	2.22
2001-02	18.58	259.26	2.18	31.60	2.31
2002-03	22.48	259.35	2.45	33.08	2.31
2003-04	24.95	79.45 *	2.54	33.69	2.31
2004-05	29.11	84.60 *	2.47	40.74	2.31
2005-06	36.19	88.92	2.14	55.12	2.31
2006-07	39.09	99.79	2.49	56.00	2.31
2007-08	43.44	97.17	2.76	57.83	2.31
2008-09	66.79	96.91	3.18	67.68	2.38
2009-10	72.65	106.81	3.64	67.56	2.62
2010-11	84.88	115.40	4.32	75.70	3.59
(Base Year : 2007-08 = 100)					
2008-09	66.79	94.57	1.40	67.68	2.38
2009-10	72.65	103.87	1.53	67.56	2.62
2010-11	84.89	110.20	1.84	75.70	3.59
2011-12	104.84	132.73	1.89	92.93	3.59
2012-13	116.07	119.58	2.00	101.26	3.74
2013-14	123.45	124.18	2.00	110.99	3.94
2014-15	100.94	124.18	2.00	88.58	3.94
<u>Jul-Apr</u>					
2014-15	103.30	124.18	2.00	90.93	3.94
2015-16	81.77	127.68	2.00	73.74	3.94

Source: Pakistan Bureau of Statistics

*: The unit has been changed from 100 CM to 100 CF in base year 2000-01.

Note: i) Data for period 1990-91 base year spliced with base year 2000-01.

ii) Data for Period: 1990-91 - 2000-01 is based on 12 centres while data for period 2001-02 onward is based on 17 centres.

TABLE 7.5**INDICES OF WHOLESALE PRICES OF SELECTED COMMODITIES (Base Year 2000-01 = 100)**

Fiscal Year	Wheat	Rice	Gram (Whole)	Sugar Refined	Vegetable Ghee	Tea	Meat	Vegetables	Fresh Milk	Cotton	Motor Fuels
(Base Year 2000-01 = 100)											
2000-01	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2001-02	96.10	109.64	84.23	82.36	114.12	99.28	102.04	107.57	99.79	91.31	102.90
2002-03	101.12	126.09	71.40	75.32	130.34	96.93	111.10	101.65	100.50	110.46	106.80
2003-04	191.89	138.50	74.17	67.72	141.44	96.94	137.55	116.00	105.41	144.44	111.03
2004-05	137.24	153.40	95.52	85.18	137.41	93.78	169.19	144.06	113.43	95.23	134.78
2005-06	135.61	154.78	127.43	120.70	136.94	93.99	185.95	160.14	122.83	103.91	181.46
2006-07	139.21	175.54	147.79	118.80	164.73	100.48	201.01	161.14	133.31	110.92	181.38
2007-08	190.75	285.63	139.22	98.78	249.36	100.92	207.99	163.85	154.42	136.71	192.88
2008-09	277.87	356.43	181.83	142.52	254.49	134.83	242.43	204.04	184.75	153.12	216.16
2009-10	300.58	317.20	215.86	209.50	262.63	160.82	292.57	267.37	206.54	203.26	219.11
2010-11	301.21	365.48	242.04	267.79	354.09	179.71	370.99	370.80	242.21	386.09	244.87
(Base Year : 2007-08 = 100)											
2008-09	148.02	125.90	126.16	142.39	97.19	129.05	115.53	132.22	119.35	121.12	113.68
2009-10	157.54	111.40	144.32	209.80	94.75	151.22	139.74	151.74	135.32	144.08	119.93
2010-11	159.53	123.39	169.24	251.13	118.21	165.31	174.86	173.43	157.40	171.48	126.84
2011-12	163.44	149.45	-	229.24	141.37	192.23	214.40	211.52	190.29	189.55	155.00
2012-13	188.52	165.42	-	201.93	141.75	203.24	228.80	216.66	213.81	168.92	168.70
2013-14	227.13	177.67	-	206.98	141.51	215.49	238.93	254.41	225.98	185.58	184.99
2014-15	209.29	172.20	-	189.35	147.13	145.16	236.14	255.40	249.87	208.86	167.79
<u>Jul-Apr</u>											
2014-15	211.72	173.96	-	197.68	142.72	162.31	243.66	250.77	249.30	203.49	164.71
2015-16	210.78	148.16	-	233.77	128.46	204.39	254.66	265.33	254.49	247.52	123.15

-: Not available

(Contd.)

Note: In the new base year 2007-08 prices of Motor Spirit has been quoted instead of Motor Fuel prices in previous base year 2000-01.

TABLE 7.5 (Concluded)
INDICES OF WHOLESALE PRICES OF SELECTED COMMODITIES
Base Year (2000-01 = 100)

Fiscal Year	Other Oils	Fire Wood	Cotton Yarn	Matches	Soaps	Fertilizers	Trans- port	Leather	Timber	Cement
Base Year 2000-01 = 100										
2000-01	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2001-02	103.59	101.33	95.35	100.55	103.89	102.26	106.66	100.00	101.45	100.42
2002-03	128.10	103.94	98.06	100.55	109.00	113.59	106.82	95.23	101.25	102.77
2003-04	139.86	115.41	121.03	105.61	110.68	123.64	108.70	93.64	121.75	102.45
2004-05	169.56	127.94	106.36	107.66	122.81	140.95	110.39	102.77	140.93	104.82
2005-06	227.55	152.23	108.07	107.67	122.05	156.16	111.71	110.65	142.05	122.67
2006-07	237.63	176.28	112.66	107.67	127.73	147.70	114.94	111.86	162.09	127.42
2007-08	264.00	205.70	112.15	111.86	147.59	215.18	114.99	121.84	170.93	111.61
2008-09	372.04	247.76	104.21	124.26	176.29	310.97	123.95	129.83	201.11	139.83
2009-10	434.55	273.93	138.40	124.26	182.99	296.52	128.03	134.14	210.60	129.35
2010-11	511.36	322.67	222.84	131.38	203.92	357.86	159.78	216.90	227.95	132.15
(Base Year : 2007-08 = 100)										
2008-09	126.68	118.08	106.00	122.07	111.35	147.58	109.26	103.63	114.01	129.08
2009-10	122.94	129.86	150.86	108.52	117.69	143.70	113.20	104.89	118.75	117.30
2010-11	141.73	151.43	182.87	110.37	130.52	174.65	116.77	107.07	127.27	140.80
2011-12	166.98	190.47	196.06	118.84	151.04	258.65	-	109.08	139.00	162.19
2012-13	177.67	215.48	208.38	132.57	167.01	261.38	-	111.60	149.51	185.77
2013-14	178.30	238.11	213.03	143.20	180.26	266.33	-	168.48	170.36	203.42
2014-15	179.03	252.59	246.11	175.76	160.21	235.83	-	216.67	200.60	225.95
<u>Jul-Apr</u>										
2014-15	182.60	251.30	218.59	162.29	167.39	250.01	-	215.80	197.82	218.74
2015-16	160.93	263.73	236.70	162.62	181.34	270.36		211.50	213.25	206.68

-: Not available

Source: Pakistan Bureau of Statistics

Note: In the base year 2007-08 prices of Kerosene Oil has been quoted instead of Other Oils
in previous base year of 2000-01 and prices of Motor Cycles instead of Transport.