

**Month: May 2023**

**Consumer Price Index (CPI), Inflation Rate and Wage  
Rate Index (WRI) in Bangladesh**

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# Chapter 1

## Consumer Price Index (CPI), Inflation Rate



## **Consumer Price Index (CPI):**

The consumer price index (CPI) reflects the average change over time in the prices of a specified set of final commodities and services representing the market basket of a given group of consumers. The CPI release presents for three groups of population: (1) national, (2) urban, and (3) rural.

### **Modernization of the CPI Compilation by BBS from April 2023: The New Features at a Glance**

BBS has modernized the CPI compilation from April 2023 to a greater extent by changing the base index from 2005-06 to 2021-22, introducing the new basket weights based on HIES 2016-17, introducing COICOP, and changing methodologies. This is basically a paradigm shift of CPI compilation in Bangladesh following the latest 2020 CPI manual of IMF.

National, urban, and rural CPIs have been constructed as per 2021-22=100 base index instead of 2005-06=100. It has been constructed twelve groups according to the Classification of Individual Consumption by Purpose (**COICOP**) instead of the ILOs eight groups. The new basket contains total of 383 items (goods and services) with 749 varieties. There are 127 food items with 242 varieties and 256 non-food items with 507 varieties. Importantly, the new base index (2021-22=100) weights have been derived from the Household Income and Expenditure Survey (HIES) 2016-17. Currently, the CPI data are collected from 154 markets (Urban, Rural, and City Corporation area) instead of 140 markets from 64 districts.

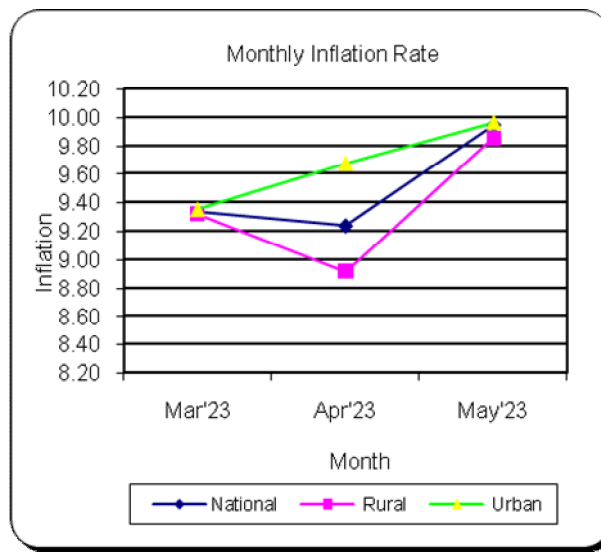
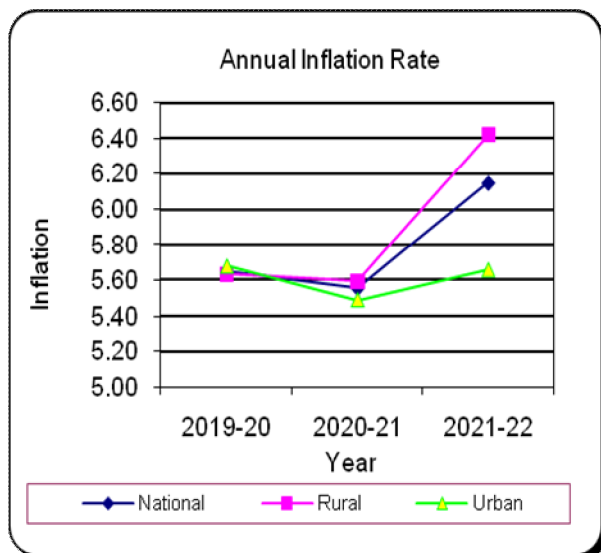
BBS followed **Laspeyzer's** formula for CPI compilation. However, the new base (2021-22=100) indexes are constructed by using two-stage formulas which will be continued from April 2023. Firstly, **Elementary Indexes** through Jevons Formula & chained Jevons, and secondly, **Higher-level indexes** through Modified Young's Formula.



**Table: 1.1 Consumer Price Index (CPI) and Inflation Rate (Point to Point)**

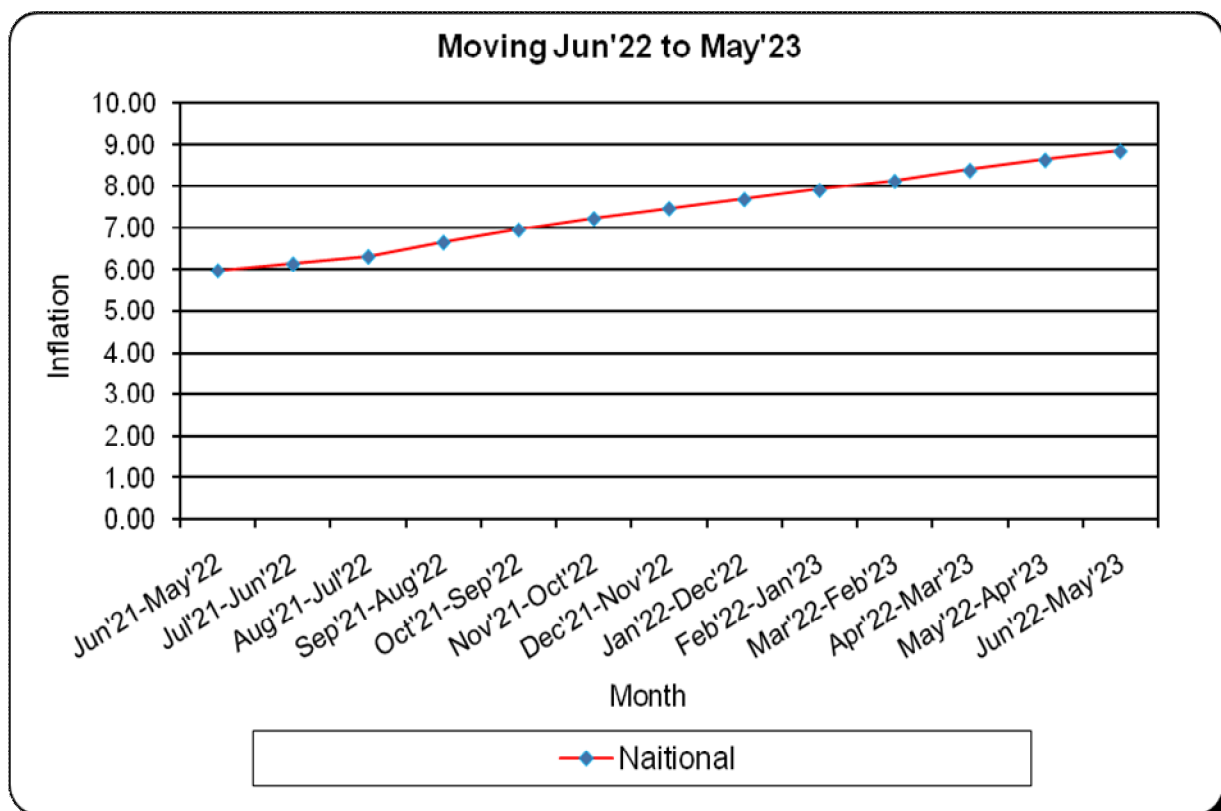
CPI Classification	2019-20	2020-21	2021-22	(Base Index 2005-06=100)			(Base Index 2021-22 =100)		
				2021-22			2022-23		
				Mar'22	Apr'22	May'22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7	8	9	10
<b>NATIONAL</b>									
General index	273.26	288.44	306.18	310.12	312.38	309.28	339.07	111.45	111.06
<i>Inflation</i>	<i>5.65</i>	<i>5.56</i>	<i>6.15</i>	<i>6.22</i>	<i>6.29</i>	<i>7.42</i>	<i>9.33</i>	<i>9.24</i>	<i>9.94</i>
Food index	296.86	313.86	332.86	337.43	340.25	334.02	368.09	111.26	109.62
<i>Inflation</i>	<i>5.52</i>	<i>5.73</i>	<i>6.05</i>	<i>6.34</i>	<i>6.24</i>	<i>8.30</i>	<i>9.09</i>	<i>8.84</i>	<i>9.24</i>
Non-food index	243.00	255.85	271.98	275.11	276.64	277.57	301.87	111.60	112.22
<i>Inflation</i>	<i>5.85</i>	<i>5.29</i>	<i>6.31</i>	<i>6.04</i>	<i>6.39</i>	<i>6.08</i>	<i>9.72</i>	<i>9.72</i>	<i>9.96</i>
<b>RURAL</b>									
General index	271.20	286.37	304.76	309.62	312.15	308.39	338.48	111.56	111.16
<i>Inflation</i>	<i>5.63</i>	<i>5.59</i>	<i>6.42</i>	<i>6.52</i>	<i>6.59</i>	<i>7.94</i>	<i>9.32</i>	<i>8.92</i>	<i>9.85</i>
Food index	289.08	306.40	326.34	332.01	335.13	328.63	362.10	111.71	110.10
<i>Inflation</i>	<i>5.68</i>	<i>5.99</i>	<i>6.51</i>	<i>6.71</i>	<i>6.64</i>	<i>8.84</i>	<i>9.06</i>	<i>8.78</i>	<i>9.34</i>
Non-food index	242.74	254.51	270.42	273.99	275.59	276.18	300.90	111.42	112.16
<i>Inflation</i>	<i>5.53</i>	<i>4.85</i>	<i>6.25</i>	<i>6.15</i>	<i>6.50</i>	<i>6.26</i>	<i>9.82</i>	<i>9.33</i>	<i>9.83</i>
<b>URBAN</b>									
General index	277.06	292.27	308.81	311.06	312.80	310.94	340.16	111.09	110.73
<i>Inflation</i>	<i>5.68</i>	<i>5.49</i>	<i>5.66</i>	<i>5.69</i>	<i>5.75</i>	<i>6.49</i>	<i>9.36</i>	<i>9.68</i>	<i>9.97</i>
Food index	315.83	332.08	348.75	350.65	352.74	347.17	382.70	110.35	108.63
<i>Inflation</i>	<i>5.17</i>	<i>5.15</i>	<i>5.02</i>	<i>5.49</i>	<i>5.31</i>	<i>7.08</i>	<i>9.14</i>	<i>9.10</i>	<i>9.13</i>
Non-food index	243.34	257.64	274.07	276.61	278.05	279.43	303.15	111.56	112.04
<i>Inflation</i>	<i>6.26</i>	<i>5.88</i>	<i>6.38</i>	<i>5.90</i>	<i>6.25</i>	<i>5.85</i>	<i>9.59</i>	<i>9.96</i>	<i>9.88</i>

Note : Figures in italics indicate inflation over previous year/month



**Table: 1.2 Monthly and average inflation rate of CPI from Jun'22 to May'23  
(12 Months moving average)  
(Base Index: 2005-06=100)**

12 Months Average		12 Months Average		Inflation
Period	Average	Period	Average	
1	2	3	4	5
Jun'21-May'22	304.34	Jun'20-May'21	287.15	5.99
Jul'21-Jun'22	306.18	Jul'20-Jun'21	288.44	6.15
Aug'21-Jul'22	308.01	Aug'20-Jul'21	289.69	6.33
Sep'21-Aug'22	310.37	Sep'20-Aug'21	290.99	6.66
Oct'21-Sep'22	312.68	Oct'20-Sep'21	292.33	6.96
Nov'21-Oct'22	314.96	Nov'20-Oct'21	293.71	7.23
Dec'21-Nov'22	317.22	Dec'20-Nov'21	295.15	7.48
Jan'22-Dec'22	319.43	Jan'21-Dec'21	296.60	7.70
Feb'22-Jan'23	321.62	Feb'21-Jan'22	298.02	7.92
Mar'22-Feb'23	323.88	Mar'21-Feb'22	299.51	8.14
Apr'22-Mar'23	326.29	Apr'21-Mar'22	301.02	8.39
May'22-Apr'23	107.35	May'21-Apr'22	98.82	8.64
<b>(Base Index: 2021-22=100)</b>				
Jun'22-May'23	108.19	Jun'21-May'22	99.40	8.84
<b>Jun'22-May'23</b>			<b>8.84</b>	



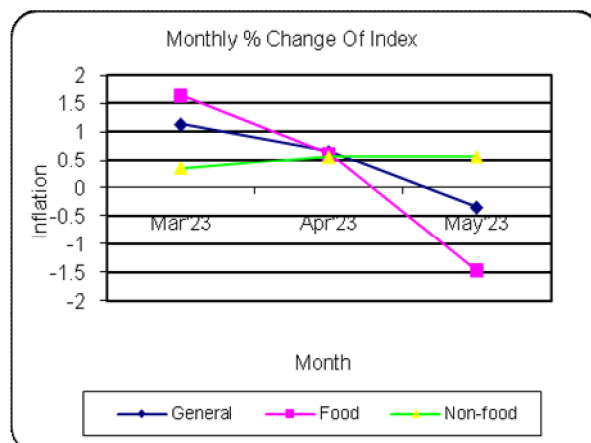
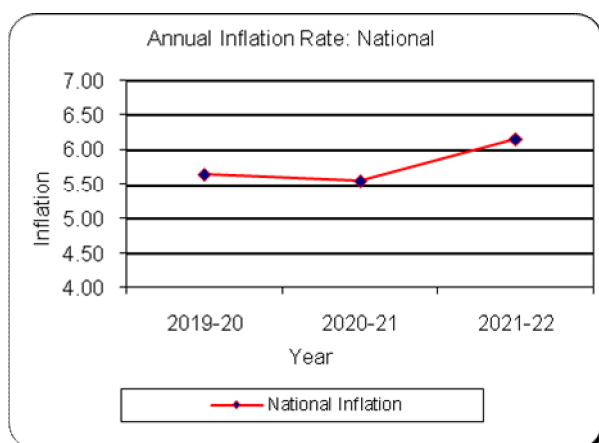


**Table: 1.3 Consumer Price Index (CPI): National (Over Previous YoY & MoM)**

CPI Classification	2019-20	2020-21	2021-22	(Base Index 2005-06=100)			(Base Index 2021-22 =100)		
				2021-22			2022-23		
				Mar'22	Apr'22	May'22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7	8	5	6
<b>General Index</b>	273.26	288.44	306.18	310.12	312.38	309.28	339.07	111.45	111.06
<i>Inflation (YoY)</i>	5.65	5.56	6.15	6.22	6.29	7.42	9.33	9.24	9.94
<i>Inflation (MoM)</i>	*	*	*	0.62	0.73	-0.99	1.13	0.64	-0.35
<b>Food</b>	296.86	313.86	332.86	337.43	340.25	334.02	368.09	111.26	109.62
<i>Inflation (YoY)</i>	5.52	5.73	6.05	6.34	6.24	8.30	9.09	8.84	9.24
<i>Inflation (MoM)</i>	*	*	*	0.74	0.84	-1.83	1.63	0.61	-1.47
<b>Non-Food</b>	243.00	255.85	271.98	275.11	276.64	277.57	301.87	111.60	112.22
<i>Inflation (YoY)</i>	5.85	5.29	6.31	6.04	6.39	6.08	9.72	9.72	9.96
<i>Inflation (MoM)</i>	*	*	*	0.43	0.56	0.34	0.35	0.55	0.56
<b>Division Wise (COICOP)</b>									
<b>01. Food and Nonalcoholic Beverages</b>	296.86	313.86	332.86	337.43	340.25	334.02	368.09	111.26	109.62
<i>Inflation (YoY)</i>	5.52	5.73	6.05	6.34	6.23	8.30	9.09	8.84	9.24
<i>Inflation (MoM)</i>	*	*	*	0.74	0.84	-1.83	1.63	0.61	-1.47
<b>02. Alcoholic Beverages, Tobacco and Narcotics</b>	*	*	*	*	*	*	*	115.81	117.11
<i>Inflation (YoY)</i>	*	*	*	*	*	*	*	*	*
<i>Inflation (MoM)</i>	*	*	*	*	*	*	*	*	1.13
<b>03. Clothing and Footwear</b>	290.00	298.14	320.14	325.31	328.18	329.40	345.29	108.03	108.20
<i>Inflation (YoY)</i>	4.45	2.81	7.38	7.10	7.87	7.94	6.14	5.39	5.16
<i>Inflation (MoM)</i>	*	*	*	0.56	0.88	0.37	0.23	0.17	0.15
<b>04. Housing, Water, Electricity, Gas, and Other Fuels</b>	220.70	228.29	232.43	234.17	234.65	235.01	253.40	111.71	112.40
<i>Inflation (YoY)</i>	6.63	3.44	1.81	2.04	2.27	4.03	8.21	10.65	11.17
<i>Inflation (MoM)</i>	*	*	*	0.22	0.21	0.15	0.44	2.47	0.62
<b>05. Furnishings, Household Equipment, and Routine Maintenance of the House</b>	282.67	298.15	320.30	323.51	325.93	328.40	355.94	113.80	113.93
<i>Inflation (YoY)</i>	6.57	5.48	7.43	6.90	6.86	7.16	10.02	11.83	11.12
<i>Inflation (MoM)</i>	*	*	*	0.45	0.75	0.76	0.25	2.40	0.12
<b>06. Health</b>	230.07	247.86	253.62	253.91	254.59	255.05	304.94	108.05	109.50
<i>Inflation (YoY)</i>	6.86	7.73	2.32	1.11	1.23	1.40	20.10	7.64	8.89
<i>Inflation (MoM)</i>	*	*	*	0.14	0.27	0.18	0.34	-10.14	1.35
<b>07. Transportation</b>	248.48	271.45	313.00	317.88	319.82	320.76	350.41	110.11	110.38
<i>Inflation (YoY)</i>	5.63	9.24	15.31	15.73	15.87	8.78	10.24	7.76	7.71
<i>Inflation (MoM)</i>	*	*	*	0.24	0.61	0.30	0.26	-1.65	0.24
<b>08. Communication</b>	*	*	*	*	*	*	*	106.64	106.64

CPI Classification	2019-20	2020-21	2021-22	(Base Index 2005-06=100)			(Base Index 2021-22=100)		
				2021-22			2022-23		
				Mar'22	Apr'22	May'22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7	8	5	6
<i>Inflation (YoY)</i>	*	*	*	*	*	*	*	*	*
<i>Inflation (MoM)</i>	*	*	*	*	*	*	*	*	0.00
<b>09. Recreation and Culture</b>	190.13	193.61	202.60	204.95	206.59	207.47	218.77	114.40	114.65
<i>Inflation (YoY)</i>	1.83	1.83	4.64	4.62	5.43	5.86	6.75	12.20	11.96
<i>Inflation (MoM)</i>	*	*	*	0.58	0.80	0.43	0.09	5.95	0.22
<b>10. Education</b>	*	*	*	*	*	*	*	109.25	109.37
<i>Inflation (YoY)</i>	*	*	*	*	*	*	*	*	*
<i>Inflation (MoM)</i>	*	*	*	*	*	*	*	*	0.11
<b>11. Restaurants and Hotels</b>	*	*	*	*	*	*	*	132.84	136.56
<i>Inflation (YoY)</i>	*	*	*	*	*	*	*	*	*
<i>Inflation (MoM)</i>	*	*	*	*	*	*	*	*	2.81
<b>12. Miscellaneous Goods and Services</b>	259.27	288.53	312.28	317.85	319.99	321.15	362.65	111.60	111.87
<i>Inflation (YoY)</i>	8.09	11.28	8.23	6.28	6.78	7.05	14.09	8.91	8.78
<i>Inflation (MoM)</i>	*	*	*	1.18	0.67	0.36	0.70	-3.90	0.25

Note : Figures in italics indicate inflation over previous year/month

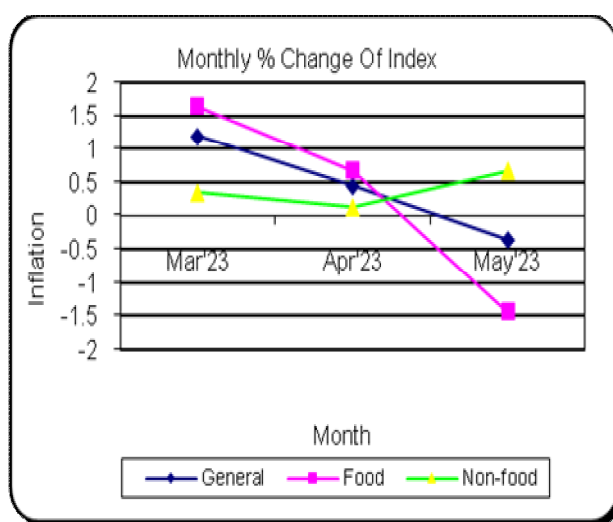
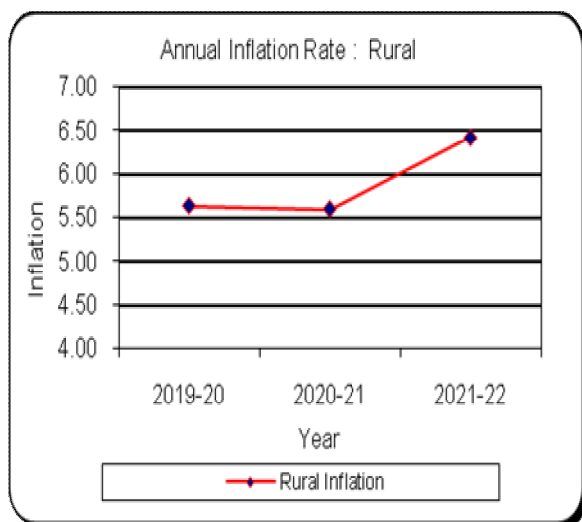


**Table: 1.4 Consumer Price Index (CPI): Rural (Over Previous YoY & MoM)**

CPI Classification	2019-20	2020-21	2021-22	(Base Index 2005-06=100)			(Base Index 2021-22 =100)		
				2021-22			2022-23		
				Mar'22	Apr'22	May'22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7	8	5	6
<b>General Index</b>	271.20	286.37	304.76	309.62	312.15	308.39	338.48	111.56	111.16
<i>Inflation (YoY)</i>	5.63	5.59	6.42	6.52	6.59	7.94	9.32	8.92	9.85
<i>Inflation (MoM)</i>	*	*	*	0.71	0.82	-1.21	1.19	0.44	-0.36
<b>Food</b>	289.08	306.40	326.34	332.01	335.13	328.63	362.10	111.71	110.10
<i>Inflation (YoY)</i>	5.68	5.99	6.51	6.71	6.64	8.84	9.06	8.78	9.34
<i>Inflation (MoM)</i>	*	*	*	0.82	0.94	-1.94	1.63	0.68	-1.43
<b>Non-Food</b>	242.74	254.51	270.42	273.99	275.59	276.18	300.90	111.42	112.16
<i>Inflation (YoY)</i>	5.53	4.85	6.25	6.15	6.50	6.26	9.82	9.33	9.83
<i>Inflation (MoM)</i>	*	*	*	0.49	0.58	0.21	0.34	0.13	0.67
<b>Division Wise (COICOP)</b>									
<b>01. Food and Nonalcoholic Beverages</b>	289.08	306.40	326.34	332.01	335.13	328.63	362.10	111.71	110.10
<i>Inflation (YoY)</i>	5.68	5.99	6.51	6.71	6.64	8.84	9.06	8.78	9.34
<i>Inflation (MoM)</i>	*	*	*	0.82	0.94	-1.94	1.63	0.68	-1.43
<b>02. Alcoholic Beverages, Tobacco and Narcotics</b>	*	*	*	*	*	*	*	116.56	118.02
<i>Inflation (YoY)</i>	*	*	*	*	*	*	*	*	*
<i>Inflation (MoM)</i>	*	*	*	*	*	*	*	*	1.25
<b>03. Clothing and Footwear</b>	292.21	298.86	318.29	323.44	326.74	328.08	345.17	106.61	106.77
<i>Inflation (YoY)</i>	3.34	2.27	6.50	6.69	7.54	7.65	6.72	3.86	3.58
<i>Inflation (MoM)</i>	*	*	*	0.62	1.02	0.41	0.23	-1.69	0.15
<b>04. Housing, Water, Electricity, Gas, and Other Fuels</b>	212.44	220.23	223.88	225.96	226.43	226.63	246.04	112.57	113.38
<i>Inflation (YoY)</i>	6.76	3.67	1.66	2.16	2.58	5.09	8.88	11.30	12.00
<i>Inflation (MoM)</i>	*	*	*	0.14	0.21	0.09	0.39	2.43	0.72
<b>05. Furnishings, Household Equipment, and Routine Maintenance of the House</b>	277.56	286.65	308.52	311.76	314.30	315.29	338.43	114.57	114.70
<i>Inflation (YoY)</i>	6.22	3.28	7.63	7.28	6.95	6.82	8.56	12.46	12.24
<i>Inflation (MoM)</i>	*	*	*	0.39	0.82	0.31	0.32	4.44	0.12
<b>06. Health</b>	242.40	264.04	269.97	270.20	270.98	271.51	336.34	107.84	109.33
<i>Inflation (YoY)</i>	7.32	8.93	2.25	1.10	1.19	1.39	24.48	7.44	8.71
<i>Inflation (MoM)</i>	*	*	*	0.13	0.29	0.20	0.01	-13.44	1.38
<b>07. Transportation</b>	217.05	234.11	274.69	280.56	282.94	283.16	303.92	110.42	110.50
<i>Inflation (YoY)</i>	4.60	7.86	17.33	18.52	18.95	10.01	8.33	7.20	7.20
<i>Inflation (MoM)</i>	*	*	*	0.32	0.85	0.08	0.34	-0.19	0.07
<b>08. Communication</b>	*	*	*	*	*	*	*	105.22	105.22
<i>Inflation (YoY)</i>	*	*	*	*	*	*	*	*	*

CPI Classification	2019-20	2020-21	2021-22	(Base Index 2005-06=100)			(Base Index 2021-22 =100)			
				2021-22			2022-23			
				Mar'22	Apr'22	May'22	Mar'23	Apr'23	May'23	
1	2	3	4	5	6	7	8	5	6	
<b>Inflation (MoM)</b>	*	*	*	*	*	*	*	*	*	0.00
<b>09. Recreation and Culture</b>	208.93	214.52	225.50	228.42	229.43	230.86	241.99	113.98	114.25	
<b>Inflation (YoY)</b>	1.89	2.68	5.12	4.48	4.92	5.56	5.94	12.02	11.60	
<b>Inflation (MoM)</b>	*	*	*	0.78	0.45	0.62	0.01	6.21	0.24	
<b>10. Education</b>	*	*	*	*	*	*	*	106.03	106.19	
<b>Inflation (YoY)</b>	*	*	*	*	*	*	*	*	*	
<b>Inflation (MoM)</b>	*	*	*	*	*	*	*	*	0.15	
<b>11. Restaurants and Hotels</b>	*	*	*	*	*	*	*	128.49	134.07	
<b>Inflation (YoY)</b>	*	*	*	*	*	*	*	*	*	
<b>Inflation (MoM)</b>	*	*	*	*	*	*	*	*	4.34	
<b>12. Miscellaneous Goods and Services</b>	275.65	305.80	332.14	339.28	340.50	340.13	381.83	111.59	111.87	
<b>Inflation (YoY)</b>	8.65	10.94	8.61	6.40	6.42	6.13	12.54	8.85	9.24	
<b>Inflation (MoM)</b>	*	*	*	1.50	0.36	-0.11	1.03	-2.93	0.25	

Note : Figures in italics indicate inflation over previous year/month

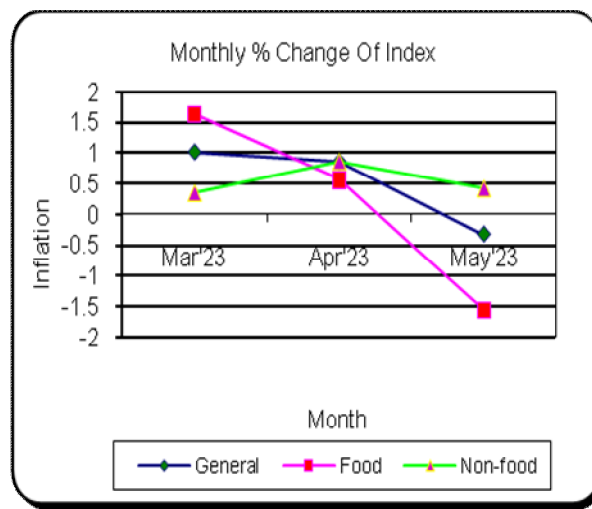
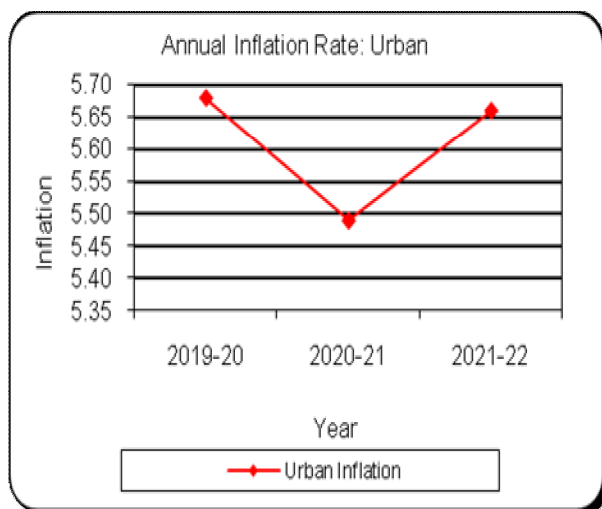


**Table: 1.5 Consumer Price Index (CPI): Urban (Over Previous YoY & MoM)**

CPI Classification	2019-20	2020-21	2021-22	(Base Index 2005-06=100)			(Base Index 2021-22 =100)		
				2021-22			2022-23		
				Mar'22	Apr'22	May'22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7	8	5	6
<b>General Index</b>	277.06	292.27	308.81	311.06	312.80	310.94	340.16	111.09	110.73
<i>Inflation (YoY)</i>	5.68	5.49	5.66	5.69	5.75	6.49	9.36	9.68	9.97
<i>Inflation (MoM)</i>	*	*	*	0.46	0.56	-0.59	1.02	0.86	-0.33
<b>Food</b>	315.83	332.08	348.75	350.65	352.74	347.17	382.70	110.35	108.63
<i>Inflation (YoY)</i>	5.17	5.15	5.02	5.49	5.31	7.08	9.14	9.10	9.13
<i>Inflation (MoM)</i>	*	*	*	0.55	0.59	-1.58	1.63	0.56	-1.56
<b>Non-Food</b>	243.34	257.64	274.07	276.61	278.05	279.43	303.15	111.56	112.03
<i>Inflation (YoY)</i>	6.26	5.88	6.38	5.90	6.25	5.85	9.59	9.96	9.88
<i>Inflation (MoM)</i>	*	*	*	0.36	0.52	0.50	0.35	0.86	0.42
<b>Division Wise (COICOP)</b>									
<b>01. Food and Nonalcoholic Beverages</b>	315.83	332.08	348.75	350.65	352.74	347.17	382.70	110.35	108.63
<i>Inflation (YoY)</i>	5.17	5.15	5.02	5.49	5.31	7.08	9.14	9.10	9.13
<i>Inflation (MoM)</i>	*	*	*	0.55	0.59	-1.58	1.63	0.56	-1.56
<b>02. Alcoholic Beverages, Tobacco and Narcotics</b>	*	*	*	*	*	*	*	113.95	114.89
<i>Inflation (YoY)</i>	*	*	*	*	*	*	*	*	*
<i>Inflation (MoM)</i>	*	*	*	*	*	*	*	*	0.83
<b>03. Clothing and Footwear</b>	285.82	296.78	323.66	328.86	330.92	331.90	345.52	110.47	110.63
<i>Inflation (YoY)</i>	6.68	3.83	9.06	7.88	8.50	8.84	5.06	8.05	7.88
<i>Inflation (MoM)</i>	*	*	*	0.46	0.63	0.30	0.24	3.48	0.14
<b>04. Housing, Water, Electricity, Gas, and Other Fuels</b>	230.27	237.63	242.32	243.68	244.17	244.72	261.93	110.71	111.26
<i>Inflation (YoY)</i>	6.50	3.20	1.98	1.91	1.95	2.92	7.49	9.87	10.17
<i>Inflation (MoM)</i>	*	*	*	0.31	0.20	0.22	0.51	2.42	0.50
<b>05. Furnishings, Household Equipment, and Routine Maintenance of the House</b>	291.66	318.36	341.00	344.18	346.38	351.46	386.72	112.38	112.52
<i>Inflation (YoY)</i>	7.15	9.15	7.11	6.29	6.72	7.71	12.36	10.64	9.17
<i>Inflation (MoM)</i>	*	*	*	0.55	0.64	1.47	0.15	-0.90	0.12
<b>06. Health</b>	208.97	220.17	225.63	226.04	226.54	226.89	251.21	108.46	109.85
<i>Inflation (YoY)</i>	5.94	5.36	2.48	1.13	1.29	1.43	11.14	8.02	9.24
<i>Inflation (MoM)</i>	*	*	*	0.15	0.22	0.15	1.11	-2.58	1.28
<b>07. Transportation</b>	283.12	312.59	355.22	359.00	360.45	362.20	401.65	109.78	110.24
<i>Inflation (YoY)</i>	6.53	10.41	13.64	13.43	13.33	7.76	11.88	8.19	8.12
<i>Inflation (MoM)</i>	*	*	*	0.17	0.40	0.48	0.20	-2.91	0.42
<b>08. Communication</b>	*	*	*	*	*	*	*	108.86	108.86

CPI Classification	2019-20	2020-21	2021-22	(Base Index 2005-06=100)			(Base Index 2021-22 =100)		
				2021-22			2022-23		
				Mar'22	Apr'22	May'22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7	8	5	6
<i>Inflation (YoY)</i>	*	*	*	*	*	*	*	*	*
<i>Inflation (MoM)</i>	*	*	*	*	*	*	*	*	0.00
<b>09. Recreation and Culture</b>	169.81	171.05	177.90	179.62	181.93	182.24	193.72	115.40	115.61
<i>Inflation (YoY)</i>	1.71	0.73	4.00	4.82	6.12	6.26	7.85	12.84	12.85
<i>Inflation (MoM)</i>	*	*	*	0.32	1.28	0.17	0.19	5.97	0.18
<b>10. Education</b>	*	*	*	*	*	*	*	110.10	110.24
<i>Inflation (YoY)</i>	*	*	*	*	*	*	*	*	*
<i>Inflation (MoM)</i>	*	*	*	*	*	*	*	*	0.13
<b>11. Restaurants and Hotels</b>	*	*	*	*	*	*	*	139.59	140.54
<i>Inflation (YoY)</i>	*	*	*	*	*	*	*	*	*
<i>Inflation (MoM)</i>	*	*	*	*	*	*	*	*	0.68
<b>12. Miscellaneous Goods and Services</b>	239.06	267.20	287.76	291.40	294.67	297.71	338.97	111.41	111.67
<i>Inflation (YoY)</i>	7.31	11.77	7.70	6.12	7.29	8.38	16.32	8.79	7.94
<i>Inflation (MoM)</i>	*	*	*	0.71	1.12	1.03	0.25	-5.42	0.24

Note : Figures in italics indicate inflation over previous year/month



**Table: 1.6 Historical Data (Time Series) of CPI National (Base: 1973-74 to 2005-06=100)**

Year	Index			Inflation		
	General	Food	Non-food	General	Food	Non-food
1	2	3	4	5	6	7
<b>Base: 1973-74 = 100</b>						
1973-74	100.00	100.00	100.00			
1974-75	167.17	176.89	150.79	67.17	76.89	50.79
1975-76	153.19	148.60	160.90	-8.36	-15.99	6.70
1976-77	156.89	150.16	167.97	2.42	1.05	4.39
1977-78	176.69	173.65	181.13	12.62	15.64	7.84
1978-79	191.24	185.45	200.97	8.23	6.80	10.95
1979-80	226.55	225.16	230.31	18.46	21.41	14.60
1980-81	254.97	244.69	272.47	12.54	8.67	18.31
1981-82	296.50	288.15	310.56	16.29	17.76	13.98
1982-83	325.94	312.77	348.11	9.93	8.54	12.09
1983-84	357.47	350.47	369.27	9.67	12.05	6.08
1984-85	396.58	387.89	411.21	10.94	10.68	11.36
1985-86	436.03	429.46	447.11	9.95	10.72	8.73
1986-87	481.18	483.42	477.41	10.35	12.56	6.78
<b>Base: 1985-86 = 100</b>						
1985-86	100.00	100.00	100.00			
1986-87	113.87	115.44	111.03	13.87	15.44	11.03
1987-88	121.12	123.38	117.03	6.37	6.88	5.40
1988-89	131.30	133.66	127.02	8.40	8.33	8.54
1989-90	136.37	137.04	135.15	3.86	2.53	6.40
1990-91	147.70	148.11	146.95	8.31	8.08	8.73
1991-92	154.44	154.30	154.69	4.56	4.18	5.27
1992-93	158.67	157.17	161.38	2.74	1.86	4.32
1993-94	163.87	161.80	167.69	3.28	2.95	3.91
1994-95	178.40	176.77	181.38	8.87	9.25	8.16
1995-96	190.27	189.13	191.86	6.65	6.99	5.78
1996-97	195.07	191.85	200.99	2.52	1.44	4.76
<b>Base: 1995-96 = 100</b>						
1995-96	100.00	100.00	100.00			
1996-97	103.96	103.67	104.47	3.96	3.67	4.47
1997-98	112.96	114.51	110.73	8.66	10.46	5.99
1998-99	120.94	125.16	115.10	7.06	9.30	3.95
1999-00	124.31	128.52	118.64	2.79	2.68	3.08
2000-01	126.72	130.30	122.25	1.94	1.38	3.04

Year	Index			Inflation		
	General	Food	Non-food	General	Food	Non-food
1	2	3	4	5	6	7
2001-02	130.26	132.43	127.89	2.79	1.63	4.61
2002-03	135.97	137.01	135.13	4.38	3.46	5.66
2003-04	143.90	146.50	141.03	5.83	6.93	4.37
2004-05	153.23	158.08	147.14	6.48	7.90	4.33
2005-06	164.21	170.34	156.56	7.17	7.76	6.40
2006-07	176.06	184.18	165.79	7.22	8.12	5.90
2007-08	193.54	206.79	176.26	9.93	12.28	6.32
2008-09	206.43	221.64	186.67	6.66	7.18	5.91
2009-10	221.53	240.55	196.84	7.31	8.53	5.45
2010-11	241.02	267.83	205.01	8.80	11.34	4.15
2011-12	266.61	295.86	227.87	10.62	10.47	11.15
2012-13	287.14	317.62	247.07	7.70	7.35	8.43
<b>Base: 2005-06 = 100</b>						
2005-06	100	100	100			
2006-07	109.39	111.63	106.51	9.39	11.63	6.51
2007-08	122.84	130.30	113.27	12.30	16.72	6.35
2008-09	132.17	140.61	121.36	7.60	7.91	7.14
2009-10	141.18	149.40	130.66	6.82	6.25	7.66
2010-11	156.59	170.48	138.77	10.92	14.11	6.21
2011-12	170.19	183.65	152.94	8.69	7.73	10.21
2012-13	181.73	193.24	166.97	6.78	5.22	9.17
2013-14	195.08	209.79	176.23	7.35	8.56	5.55
2014-15	207.58	223.80	186.79	6.41	6.68	5.99
2015-16	219.86	234.77	200.66	5.92	4.90	7.43
2016-17	231.82	248.90	209.92	5.44	6.01	4.61
2017-18	245.22	266.64	217.76	5.78	7.13	3.73
2018-19	258.65	281.33	229.58	5.48	5.51	5.43
2019-20	273.26	296.86	243.00	5.65	5.56	5.85
2020-21	288.44	313.86	255.85	5.56	5.73	5.29
2021-22	306.18	332.86	271.98	6.15	6.05	6.31



# **Chapter 2**

## **Wage Rate Index (WRI) and Growth Rate of Bangladesh**



## **2.1 Background of Wage Rate Index (WRI):**

Wage Rate Index (WRI) is an important indicator for measuring the trend and changes in the aggregate wages of the wage earners of a country. The wage rate index is intended to measure the movement of nominal wages of low paid skilled and unskilled labour over time in different sectors of the economy. It is also used to measure changes in real wages. Bangladesh Bureau of Statistics (BBS) has been producing and publishing Wage Rate Index (WRI) since 1974 on regular basis with 1969-70 as base year. Already BBS has revised and rebased the Wage Rate Index (WRI) with 2010-11 as current base year.

Rebasing of Wage Rate Index from 1969-70=100 to 2010-11=100 comprises three broad economic sectors like Agriculture, Industry and Service. This rebasing of wage rate data on monthly wages for specific 44 occupations in the agriculture, industry and service sectors are considered. Average monthly wage rate of low paid skilled and un-skilled labourers are estimated by 44 occupations such as 11 occupations from agriculture sector, 22 occupations from industry sector and 11 occupations from service sector.

## **2.2 Definition of Wage:**

Amount of money received either in cash or in kind in a day for standard daily working hours or earnings of low paid labor who works on hourly basis have been included here as wage earners. Salary paid and high contract-based earnings have been excluded from compilation of WRI.

## **2.3 Base year change:**

BBS compiles and releases WRI according to base year 1969-70=100 in every month. This base year is very old and by this time many new occupations emerged and many occupations become obsolete. So it has become necessary to change the base year of WRI. So that, the present base year 1969-70=100 has been rebased to 2010-11=100. However, considering the necessity BBS has already made a WRI of new base year (2010-11=100). It has been prepared with the help of Labor Force Survey-2010.

## **2.4 Computation of Wage Rate Index:**

The wage rate index is intended to measure the movement of wages of low paid skilled and unskilled labour over time in main sectors of the economy such as agriculture, industry and service.

Wage Rate Index-WRI has been rebased from 1969-70=100 to 2010-11=100 under main three sectors of the economy such as agriculture, industry and services in respect of 44 occupations comprising 11 occupations from agriculture sector, 22 occupations from industry sector and 11 occupations from service sector are calculated.

Each occupation has been calculated by divisional different weight. WRI weight has been considered as a number of employees of seven division basis. New WRI (National) has been calculated from weighted average on the basis divisional weight.

Selected 44 occupational wage data is being collected from 64 district statistical offices according to male and female (with food and without food). Based on occupation of male and female wage data has been measured as simple wage average.

Wage Rate Index of Bangladesh is officially measured of wage which is compiled by simple weighted average of seven divisional wage rate indices. The average monthly wage rate of male and female in particular 44 occupations are nothing but the amount of total daily wages.

**Laspeyer's formula is used for computation of wage rate index in the following way:**

For weighted index:

$$I = \frac{\sum \frac{P_n}{P_o} \times W_i}{\sum W_i} \times 100$$

Where,  
 I = Wage Rate Index (WRI)  
 P<sub>n</sub> = Wage rate in the current year/month  
 P<sub>o</sub> = wage rate in the base year/month  
 W<sub>i</sub> = Weight at the ith item  
 ΣW<sub>i</sub> = Weight of the group

## 2.5 Derivation of weight:

The basic information for deriving weight of WRI is obtained from the Labour Force Survey (LFS) 2010. Weights have been considered as a number of employees of seven administrative divisions and 44 occupations. In order to confine within informal sector labour paid on daily, weekly or piece rate basis are considered for this purpose. It could be noted that LFS provide number of employees for different occupation groups only.

To derive weight for occupation levels information is needed from Agriculture Input Cost Survey, Pilot Construction Study and also from Special Field Study. Also, efforts have been made to derive individual weight for different administrative divisions. The administrative divisional weights are expected to enable the estimates for individual division indices and the national indices as a weighted average of administrative divisional indices.

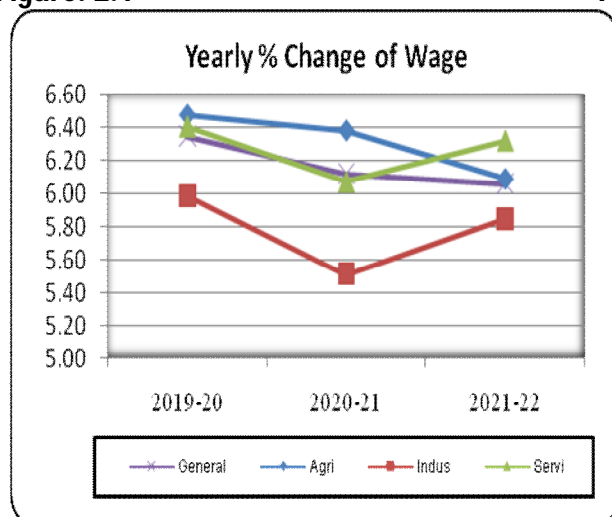
## 2.6 Coverage and sources of data:

Monthly wage rate data are collected from 64 districts of the country on monthly basis. Wage rates of the day labourers in regards to (i) without food (ii) with food are collected by 64 district statistical offices, BBS.

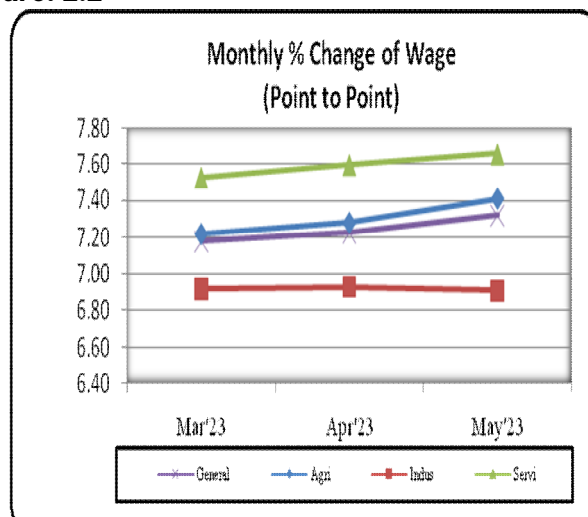
**Table: 2.1 Wage Rate Index by Sectors: Bangladesh (Base: 2010-11=100)**

Sector	2019-20	2020-21	2021-22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7
<b>General</b>	170.39	180.83	191.80	209.96	210.22	210.85
percentage change (Point to Point)	6.35	6.12	6.06	7.18	7.23	7.32
percentage change(over previous month)				0.58	0.12	0.30
1. Agriculture	170.28	181.16	192.21	210.53	210.76	211.31
percentage change (Point to Point)	6.48	6.39	6.10	7.22	7.28	7.41
percentage change(over previous month)				0.60	0.11	0.26
I. Agriculture	170.32	181.23	192.39	210.87	211.10	211.65
percentage change (Point to Point)	6.51	6.41	6.16	7.27	7.33	7.47
percentage change(over previous month)				0.61	0.11	0.26
II. Fish	168.58	177.84	183.06	192.79	193.30	193.52
percentage change (Point to Point)	4.97	5.49	2.95	4.30	4.32	4.39
percentage change(over previous month)				0.32	0.26	0.11
2. Industry	168.24	177.52	187.83	205.16	205.43	206.13
percentage change (Point to Point)	5.99	5.51	5.85	6.92	6.93	6.91
percentage change(over previous month)				0.54	0.13	0.34
I. Construction	160.17	167.24	174.62	187.49	187.70	188.12
percentage change (Point to Point)	4.77	4.42	4.41	5.64	5.65	5.66
percentage change(over previous month)				0.45	0.11	0.22
II. Production	184.65	198.37	214.87	240.98	241.39	242.66
percentage change (Point to Point)	8.21	7.43	8.30	9.01	9.02	8.94
percentage change(over previous month)				0.70	0.17	0.53
3. Service	175.33	185.99	199.42	217.04	217.38	218.26
percentage change (Point to Point)	6.41	6.07	6.32	7.53	7.60	7.66
percentage change(over previous month)				0.55	0.16	0.40

**Figure: 2.1**



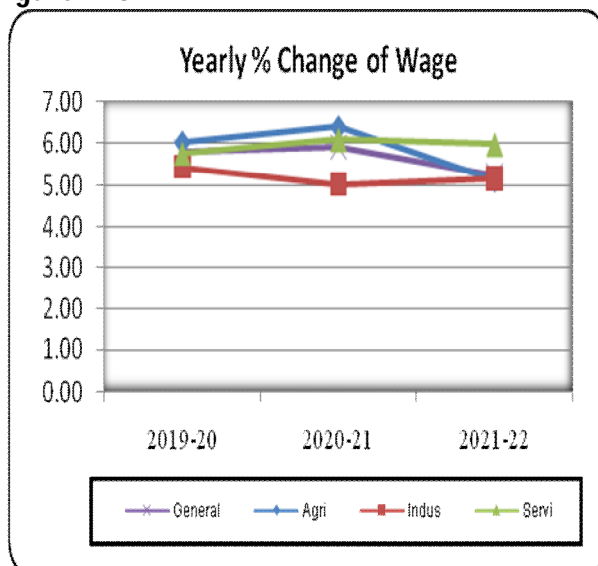
**Figure: 2.2**



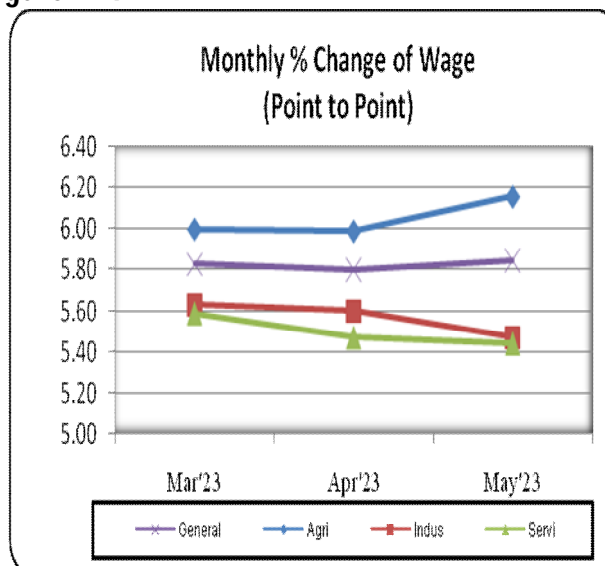
**Table: 2.2 Wage Rate Index by Sectors: Dhaka Division**

Sector	2019-20	2020-21	2021-22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7
<b>General</b>	169.90	179.99	189.42	203.72	203.83	204.38
percentage change (Point to Point)	5.81	5.93	5.25	5.83	5.80	5.85
percentage change(over previous month)				0.59	0.59	0.27
1. Agriculture	170.57	181.52	190.78	205.45	205.52	206.14
percentage change (Point to Point)	6.01	6.41	5.11	6.00	5.99	6.16
percentage change(over previous month)				0.73	0.73	0.3
I. Agriculture	170.56	181.51	190.80	205.53	205.60	206.22
percentage change (Point to Point)	6.02	6.41	5.13	6.02	6.01	6.18
percentage change(over previous month)				0.73	0.73	0.3
II. Fish	171.45	182.40	187.35	195.54	195.67	195.85
percentage change (Point to Point)	5.00	6.38	2.74	3.56	3.50	3.60
percentage change(over previous month)				0.25	0.25	0.09
2. Industry	165.60	173.94	182.93	196.42	196.57	196.94
percentage change (Point to Point)	5.47	5.03	5.17	5.63	5.60	5.47
percentage change(over previous month)				0.42	0.42	0.19
I. Construction	160.30	167.38	173.84	184.33	184.45	184.82
percentage change (Point to Point)	4.67	4.41	3.86	4.77	4.74	4.73
percentage change(over previous month)				0.35	0.35	0.20
II. Production	176.81	187.79	202.14	221.96	222.18	222.54
percentage change (Point to Point)	7.04	6.22	7.63	7.17	7.14	6.80
percentage change(over previous month)				0.54	0.54	0.16
3. Service	178.06	188.95	200.28	215.02	215.15	215.88
percentage change (Point to Point)	5.75	6.11	6.00	5.59	5.47	5.44
percentage change(over previous month)				0.45	0.45	0.34

**Figure: 2.3**



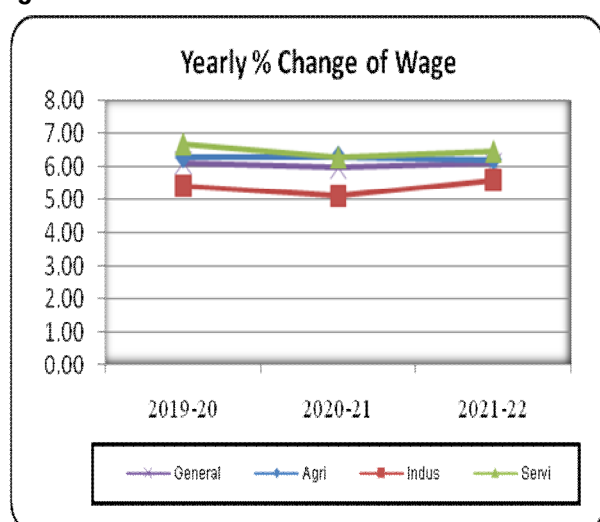
**Figure: 2.4**



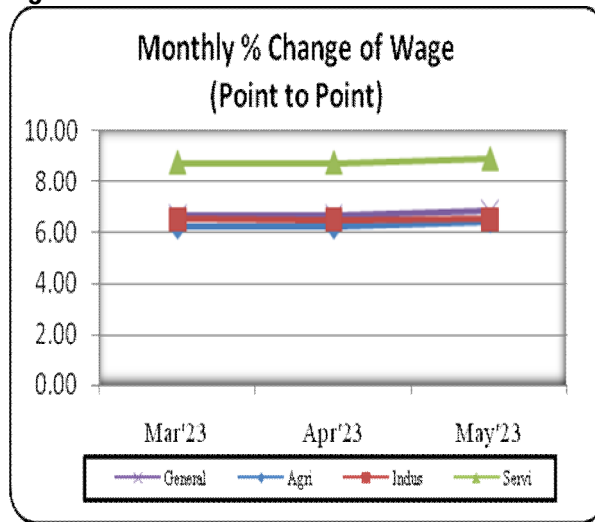
**Table: 2.3 Wage Rate Index by Sectors: Chattogram Division**

Sector	2019-20	2020-21	2021-22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7
General	168.51	178.61	189.51	206.96	207.13	207.97
percentage change (Point to Point)	6.12	5.99	6.10	6.69	6.69	6.85
percentage change (over previous month)				0.52	0.08	0.41
1. Agriculture	168.74	179.38	190.56	207.03	207.22	208.05
percentage change (Point to Point)	6.29	6.30	6.23	6.23	6.23	6.47
Percentage change (over previous month)				0.52	0.09	0.40
I. Agriculture	168.71	179.38	190.76	207.49	207.67	208.52
percentage change (Point to Point)	6.37	6.31	6.34	6.31	6.32	6.55
percentage change (over previous month)				0.53	0.08	0.41
II. Fish	169.38	179.35	185.39	194.99	195.62	195.81
percentage change (Point to Point)	4.48	5.88	3.38	4.05	3.96	4.06
percentage change (over previous month)				0.29	0.32	0.10
2. Industry	166.23	174.75	184.54	201.74	201.90	202.50
percentage change (Point to Point)	5.43	5.13	5.59	6.54	6.53	6.54
percentage change (over previous month)				0.50	0.08	0.30
I. Construction	164.82	172.87	182.46	199.03	199.11	199.63
percentage change (Point to Point)	5.09	4.89	5.51	6.11	6.04	6.10
percentage change (over previous month)				0.46	0.04	0.26
II. Production	171.36	181.61	192.12	211.62	212.05	212.95
percentage change (Point to Point)	6.67	5.98	5.78	8.05	8.26	8.09
Percentage change (over previous month)				0.60	0.20	0.43
3. Service	171.78	182.58	194.39	216.26	216.38	217.71
percentage change (Point to Point)	6.68	6.28	6.46	8.78	8.77	8.92
percentage change (over previous month)				0.58	0.06	0.62

**Figure: 2.5**



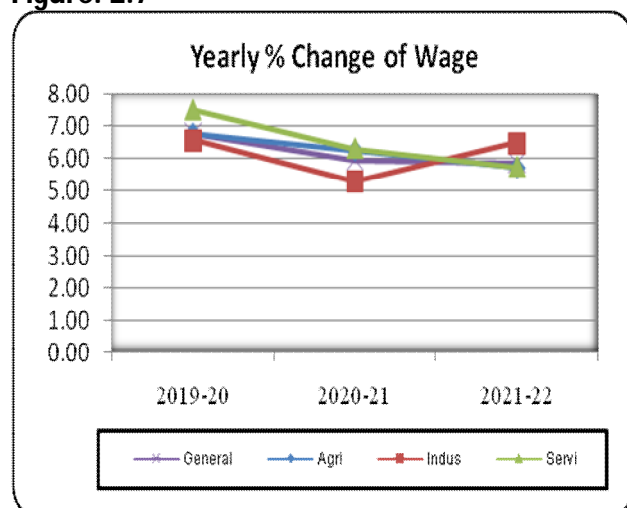
**Figure: 2.6**



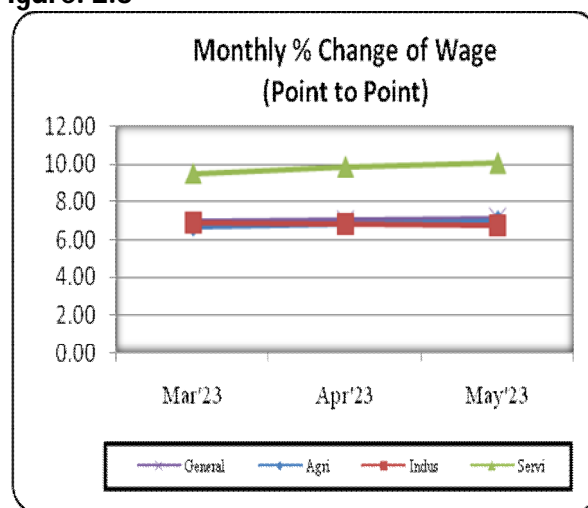
**Table: 2.4 Wage Rate Index by Sectors: Rajshahi Division**

Sector	2019-20	2020-21	2021-22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7
General	170.22	160.31	191.24	208.73	209.14	209.72
percentage change (Point to Point)	6.80	7.05	5.88	6.95	7.04	7.16
percentage change(over previous month)				0.46	0.20	0.27
1. Agriculture	170.43	160.50	191.41	208.30	208.72	209.31
percentage change (Point to Point)	6.79	7.06	5.71	6.73	6.84	7.01
percentage change(over previous month)				0.36	0.20	0.28
I. Agriculture	170.41	160.50	191.42	208.33	208.75	209.34
percentage change (Point to Point)	6.79	7.06	5.72	6.73	6.84	7.02
percentage change(over previous month)				0.36	0.20	0.28
II. Fish	171.39	162.44	187.79	199.78	200.26	200.53
percentage change (Point to Point)	6.04	6.72	3.48	4.95	4.90	5.04
percentage change(over previous month)				0.30	0.24	0.13
2. Industry	168.07	158.56	188.50	206.28	206.60	207.02
percentage change (Point to Point)	6.59	6.59	6.50	6.90	6.83	6.74
percentage change(over previous month)				0.67	0.15	0.21
I. Construction	158.17	151.79	169.15	181.53	181.84	182.22
percentage change (Point to Point)	4.69	5.56	3.51	5.99	6.08	6.10
percentage change(over previous month)				0.57	0.17	0.21
II. Production	177.80	165.20	207.50	230.57	230.90	231.37
percentage change (Point to Point)	8.34	7.54	9.01	7.61	7.42	7.25
percentage change(over previous month)				0.74	0.14	0.20
3. Service	176.45	289.37	198.39	221.45	222.18	223.08
percentage change (Point to Point)	7.51	8.45	5.75	9.53	9.89	10.09
percentage change(over previous month)				0.87	0.33	0.40

**Figure: 2.7**



**Figure: 2.8**

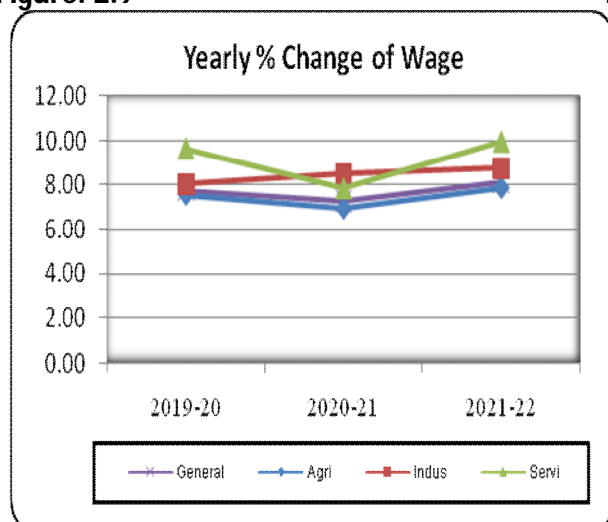




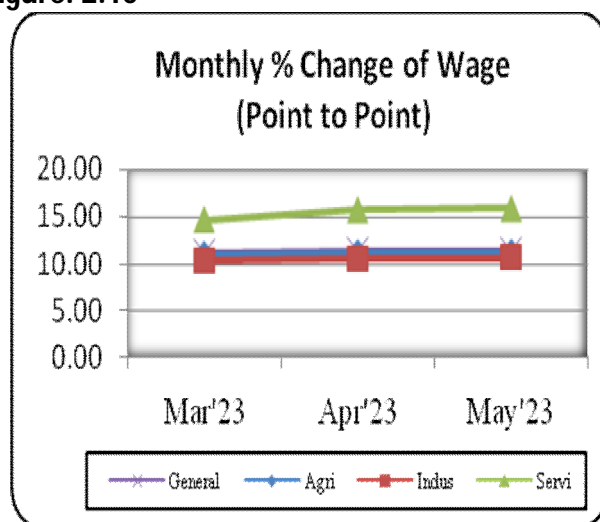
**Table: 2.5 Wage Rate Index by Sectors: Rangpur Division**

Sector	2019-20	2020-21	2021-22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7
General	175.89	188.61	203.98	234.25	234.69	235.41
percentage change (Point to Point)	7.76	7.27	8.14	11.14	11.35	11.39
percentage change (over previous month)				0.95	0.19	0.31
1. Agriculture	174.04	186.02	200.68	230.48	230.80	231.16
percentage change (Point to Point)	7.57	6.94	7.87	11.07	11.23	11.26
percentage change (over previous month)				1.03	0.14	0.16
I. Agriculture	174.05	186.05	200.72	230.56	230.88	231.24
percentage change (Point to Point)	7.57	6.94	7.89	11.08	11.24	11.27
percentage change (over previous month)				1.03	0.14	0.16
II. Fish	166.01	174.73	180.08	192.00	192.83	193.01
percentage change (Point to Point)	6.00	5.26	3.07	5.68	6.13	6.11
percentage change (over previous month)				0.30	0.43	0.09
2. Industry	180.19	195.50	212.63	241.77	242.19	244.40
percentage change (Point to Point)	8.06	8.49	8.76	10.42	10.61	10.74
percentage change (over previous month)				0.67	0.17	0.92
I. Construction	158.98	166.60	174.10	191.05	191.72	192.43
percentage change (Point to Point)	4.97	4.82	4.48	7.87	8.14	8.31
percentage change (over previous month)				0.48	0.35	0.37
II. Production	212.06	237.39	264.36	313.96	314.96	319.79
percentage change (Point to Point)	109.39	11.89	11.41	14.24	14.60	14.98
percentage change (over previous month)				0.97	0.32	1.53
3. Service	190.86	205.87	226.52	269.56	272.06	273.09
percentage change (Point to Point)	9.68	7.86	10.00	14.76	15.82	15.95
percentage change (over previous month)				0.77	0.93	0.38

**Figure: 2.9**



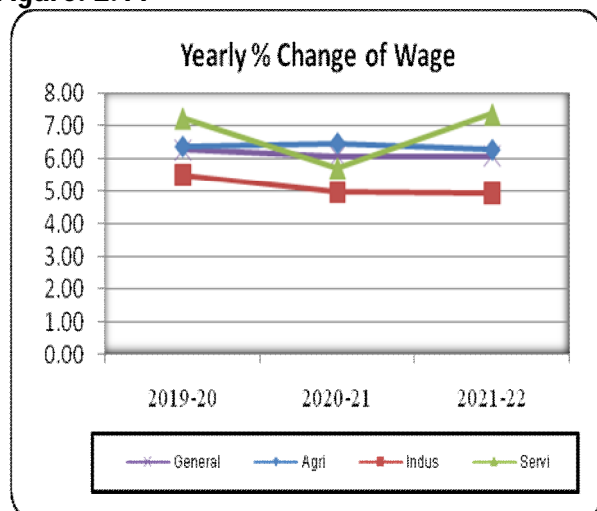
**Figure: 2.10**



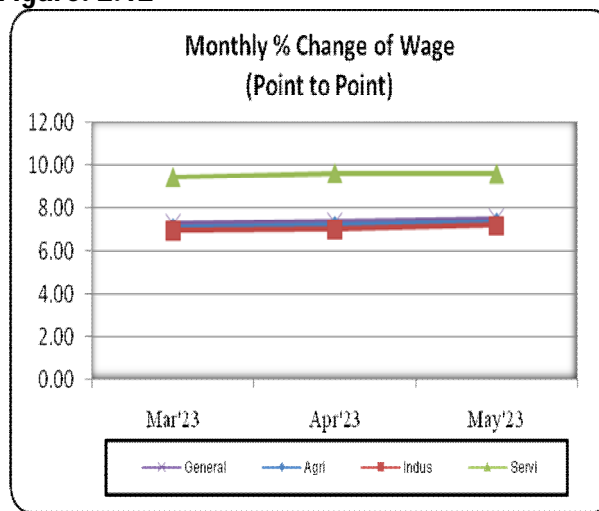
**Table: 2.6 Wage Rate Index by Sectors: Khulna Division**

Sector	2019-20	2020-21	2021-22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7
General	170.03	180.36	191.40	209.28	209.63	210.17
percentage change (Point to Point)	6.28	6.11	6.10	7.26	7.35	7.50
percentage change(over previous month)				0.48	0.16	0.26
1. Agriculture	170.92	181.94	193.42	210.98	211.33	211.81
percentage change (Point to Point)	6.39	6.49	6.29	7.07	7.17	7.33
percentage change(over previous month)				0.42	0.17	0.23
I. Agriculture	171.18	182.29	193.95	211.84	212.18	212.68
percentage change (Point to Point)	6.41	6.53	6.41	7.15	7.25	7.42
percentage change(over previous month)				0.43	0.16	0.23
II. Fish	163.63	172.21	178.56	186.95	187.40	187.59
percentage change (Point to Point)	5.81	5.28	2.82	4.54	4.54	4.65
percentage change(over previous month)				0.33	0.24	0.10
2. Industry	163.59	171.69	180.18	196.06	196.37	196.98
percentage change (Point to Point)	5.52	4.96	4.94	6.95	7.01	7.17
percentage change(over previous month)				0.60	0.16	0.31
I. Construction	156.34	162.76	171.72	182.23	182.50	182.87
percentage change (Point to Point)	4.69	4.46	4.12	6.13	6.21	6.40
percentage change(over previous month)				0.56	0.15	0.21
II. Production	193.88	206.60	222.02	250.16	250.64	252.13
percentage change (Point to Point)	8.26	6.57	7.44	9.32	9.33	9.41
percentage change(over previous month)				0.74	0.19	0.59
3. Service	179.58	189.85	203.92	229.88	230.27	231.15
percentage change (Point to Point)	7.25	5.74	7.37	9.44	9.62	9.60
percentage change(over previous month)				0.59	0.17	0.38

**Figure: 2.11**



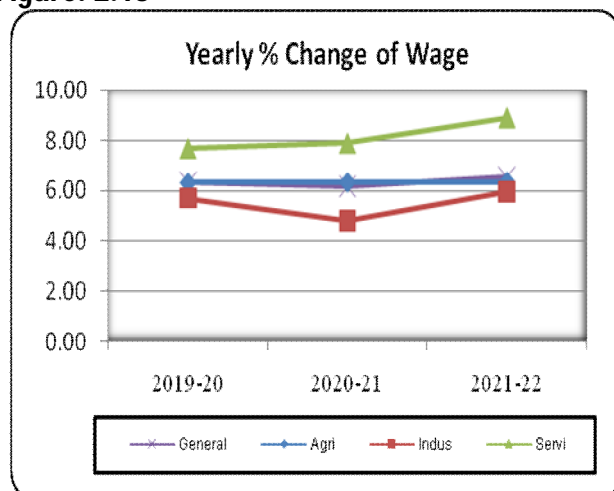
**Figure: 2.12**



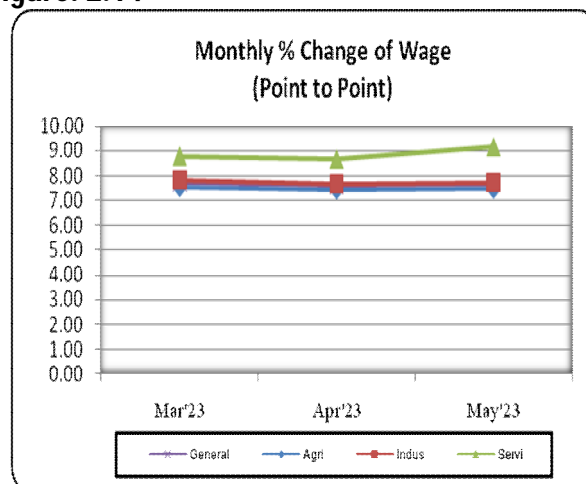
**Table: 2.7 Wage Rate Index by Sectors: Barishal Division**

Sector	2019-20	2020-21	2021-22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7
General	170.64	181.09	193.01	212.95	213.04	213.82
percentage change (Point to Point)	6.34	6.16	6.57	7.74	7.62	7.71
percentage change (over previous month)				0.61	0.04	0.37
1. Agriculture	173.93	184.87	196.65	216.43	216.53	217.09
percentage change (Point to Point)	6.33	6.35	6.37	7.51	7.41	7.44
percentage change (over previous month)				0.56	0.05	0.26
I. Agriculture	173.94	184.93	197.05	217.27	217.34	217.90
percentage change (Point to Point)	6.44	6.38	6.55	7.63	7.52	7.55
percentage change (over previous month)				0.56	0.03	0.26
II. Fish	173.79	183.68	188.66	199.74	200.47	200.87
percentage change (Point to Point)	4.07	5.74	2.75	5.03	5.13	5.07
percentage change (over previous month)				0.58	0.37	0.20
2. Industry	159.80	167.46	177.49	195.42	195.50	196.29
percentage change (Point to Point)	5.71	4.81	5.96	7.82	7.66	7.71
percentage change (over previous month)				0.69	0.04	0.41
I. Construction	154.50	161.24	170.99	188.04	188.09	188.68
percentage change (Point to Point)	5.41	4.38	6.02	7.71	7.56	7.50
percentage change (over previous month)				0.63	0.03	0.31
II. Production	186.47	198.76	210.17	232.53	232.75	234.57
percentage change (Point to Point)	7.00	6.58	5.74	8.30	8.03	8.61
percentage change (over previous month)				0.95	0.09	0.79
3. Service	176.23	190.10	207.07	232.40	232.47	234.48
percentage change (Point to Point)	7.69	7.89	8.91	8.79	8.67	9.17
percentage change (over previous month)				0.67	0.03	0.86

**Figure: 2.13**



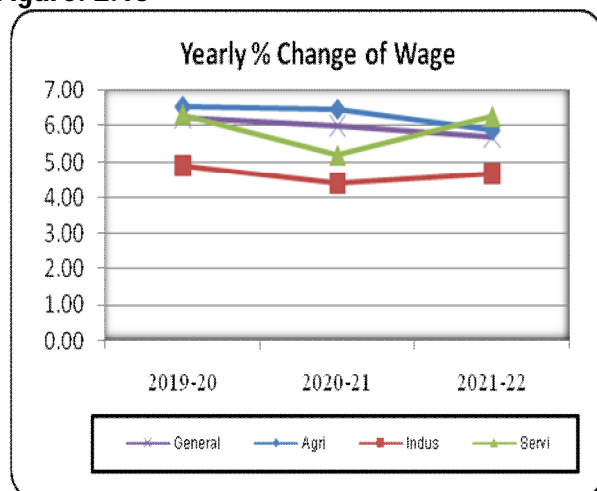
**Figure: 2.14**



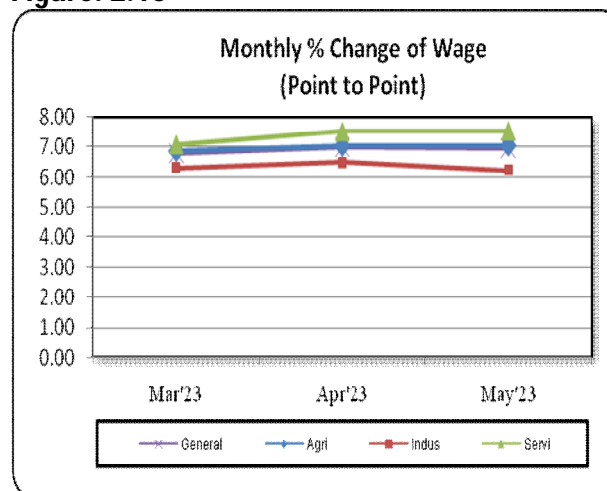
**Table: 2.8 Wage Rate Index by Sectors: Sylhet Division**

Sector	2019-20	2020-21	2021-22	Mar'23	Apr'23	May'23
1	2	3	4	5	6	7
General	169.87	180.00	190.36	207.32	207.72	208.03
percentage change (Point to Point)	6.25	6.01	5.70	6.81	7.01	6.97
percentage change (over previous month)				0.37	0.19	0.15
1. Agriculture	169.38	180.33	190.93	208.23	208.56	208.89
percentage change (Point to Point)	6.55	6.47	5.87	6.89	7.06	7.07
percentage change (over previous month)				0.32	0.16	0.16
I. Agriculture	169.33	180.36	191.05	208.48	208.81	209.15
percentage change (Point to Point)	6.59	6.51	5.93	6.94	7.11	7.11
percentage change (over previous month)				0.33	0.16	0.16
II. Fish	172.45	178.97	183.49	192.21	192.65	192.83
percentage change (Point to Point)	4.76	3.79	2.53	3.85	4.09	4.19
percentage change (over previous month)				0.16	0.23	0.09
2. Industry	168.67	176.11	184.34	199.07	199.54	199.78
percentage change (Point to Point)	4.90	4.41	4.67	6.32	6.51	6.24
percentage change (over previous month)				0.51	0.24	0.12
I. Construction	166.70	173.62	181.68	193.94	194.37	194.57
percentage change (Point to Point)	4.45	4.15	4.64	5.14	5.31	5.00
percentage change (over previous month)				0.54	0.23	0.10
II. Production	182.24	193.26	202.67	234.46	235.16	235.70
percentage change (Point to Point)	7.64	6.04	4.87	9.42	9.44	9.57
percentage change (over previous month)				0.35	0.30	0.23
3. Service	177.26	186.46	198.17	216.75	217.60	217.91
percentage change (Point to Point)	6.33	5.19	6.28	7.10	7.52	7.54
percentage change (over previous month)				0.50	0.39	0.14

**Figure: 2.15**



**Figure: 2.16**



**Table: 2.9 Historical Data (Time Series) of WRI Bangladesh (Base: 1969-70=100 to 2010-11=100)**

Year	Index					Growth Rate (Point to Point)				
	General	Manufacturing	Construction	Agricultural	Fishery	General	Manufacturing	Construction	Agricultural	Fishery
1	2	3	4	5	6	7	8	9	10	11
<b>Base: 1969-70=100</b>										
1974-75	221	192	264	261	197					
1975-76	244	205	305	279	226	10.41	6.77	15.53	6.90	14.72
1976-77	252	222	311	268	237	3.28	8.29	1.97	-3.94	4.87
1977-78	280	251	334	312	251	11.11	13.06	7.40	16.42	5.91
1978-79	346	318	414	370	311	23.57	26.69	23.95	18.59	23.90
1979-80	433	389	492	443	451	25.14	22.33	18.84	19.73	45.02
1980-81	492	452	545	482	529	13.63	16.20	10.77	8.80	17.29
1981-82	566	515	616	567	617	15.04	13.94	13.03	17.63	16.64
1982-83	598	558	677	558	639	5.65	8.35	9.90	-1.59	3.57
1983-84	684	720	754	572	654	14.38	29.03	11.37	2.51	2.35
1984-85	734	776	775	642	702	7.31	7.78	2.79	12.24	7.34
1985-86	895	958	938	767	856	21.93	23.45	21.03	19.47	21.94
1986-87	1085	1154	1122	941	1054	21.23	20.46	19.62	22.69	23.13
1987-88	1201	1220	1326	1049	1189	10.69	5.72	18.18	11.48	12.81
1988-89	1288	1325	1452	1115	1225	7.24	8.61	9.50	6.29	3.03
1989-90	1426	1502	1475	1245	1403	10.71	13.36	1.58	11.66	14.53
1990-91	1482	1575	1487	1321	1452	3.93	4.86	0.81	6.10	3.49
1991-92	1553	1641	1512	1425	1547	4.79	4.19	1.68	7.87	6.54
1992-93	1638	1724	1579	1523	1641	5.47	5.06	4.43	6.88	6.08
1993-94	1709	1828	1598	1593	1699	4.33	6.03	1.20	4.60	3.53
1994-95	1786	1947	1613	1653	1770	4.51	6.51	0.94	3.77	4.18
1995-96	1900	2064	1754	1738	1882	6.38	6.01	8.74	5.14	6.33
1996-97	1989	2161	1848	1804	1974	4.68	4.70	5.36	3.80	4.89
1997-98	2141	2395	1990	1870	2053	7.64	10.83	7.68	3.66	4.00
1998-99	2259	2522	2163	1950	2138	5.51	5.30	8.69	4.28	4.14
1999-00	2390	2701	2286	2037	2220	5.80	7.10	5.69	4.46	3.84
2000-01	2489	2832	2356	2141	2292	4.14	4.85	3.06	5.11	3.24
2001-02	2637	3035	2444	2262	2411	5.95	7.17	3.74	5.65	5.19
2002-03	2926	3501	2624	2443	2563	10.96	15.35	7.36	8.00	6.30

Year	Index					Growth Rate (Point to Point)				
	General	Manufacturing	Construction	Agricultural	Fishery	General	Manufacturing	Construction	Agricultural	Fishery
1	2	3	4	5	6	7	8	9	10	11
2003-04	3111	3765	2669	2582	2775	6.32	7.54	1.71	5.69	8.27
2004-05	3293	4015	2758	2719	2957	5.85	6.64	3.33	5.31	6.56
2005-06	3505	4293	2889	2925	3133	6.44	6.92	4.75	7.58	5.95
2006-07	3779	4636	3135	3156	3332	7.82	7.99	8.52	7.90	6.35
2007-08	4227	5144	3505	3488	3635	11.85	10.96	11.80	10.52	9.09
2008-09	5025	6128	4262	4275	4334	18.88	19.13	21.60	22.56	19.23
2009-10	5441	6520	4633	4804	4727	8.28	6.40	8.70	12.37	9.07
2010-11	5782	6778	4983	5325	5043	6.27	3.96	7.55	10.85	6.69
2011-12	6469	7221	6583	6134	5187	11.88	6.54	32.11	15.19	2.86
2012-13	7422	7978	7684	7448	6021	14.73	10.48	16.73	21.44	16.08
2013-14	8097	8700	8238	8283	6566	9.10	9.05	7.20	11.20	9.06
2014-15	8899	9553	9004	9254	7129	9.90	9.81	9.31	11.73	8.57

Year	Index				Growth Rate (Point to Point)			
	General	Agricultural	Industry	Service	General	Agricultural	Industry	Service
1	2	3	4	5	6	7	8	9
<b>Base: 2010-11=100</b>								
2010-11	100.00	100.00	100.00	100.00				
2011-12	106.24	105.96	106.92	106.23	6.24	5.96	6.92	6.23
2012-13	112.62	112.08	113.43	113.63	6.01	5.78	6.08	6.96
2013-14	118.82	118.44	119.07	120.16	5.50	5.68	4.97	5.75
2014-15	124.69	124.51	124.38	126.15	4.94	5.12	4.47	4.98
2015-16	132.81	132.48	132.02	136.03	6.52	6.41	6.16	7.86
2016-17	141.46	141.22	140.27	145.01	6.50	6.59	6.24	6.60
2017-18	150.59	150.27	149.45	154.44	6.46	6.41	6.55	6.51
2018-19	160.23	159.92	158.74	164.78	6.40	6.42	6.22	6.69
2019-20	170.39	170.28	168.24	175.33	6.35	6.48	5.99	6.41
2020-21	180.83	181.16	177.52	185.99	6.12	6.39	5.51	6.07
2021-22	191.80	192.21	187.83	199.42	6.06	6.10	5.85	6.32

## **Chapter 3**

# **Annex**





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### ***C) References:***

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***End***