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

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**Director General**  
Bangladesh Bureau of Statistics (BBS)  
Statistics and Informatics Division (SID)  
Ministry of Planning

## Preface

Bangladesh Bureau of Statistics (BBS) as the National Statistical Organization (NSO) has been engaged in collecting, collating and disseminating statistics on a wide range of economic, social, demographic and environmental variables. Monthly Release on Consumer Price Index (CPI), Inflation Rate and Wage Rate Index (WRI) is a regular publication along with the average prices of some selected commodities in the capital city of Dhaka. The present report is the 336<sup>th</sup> series of this publication.

Two independent sets of commodities (goods & services) are used to compute CPIs for rural and urban areas. The rural basket covers 318 items while the urban basket consists of 422 commodities. The national CPI is calculated by combining the urban and rural indices using weight factors based on the ILO grouping/guideline. The CPI items for the national and sub-national indices are classified into 8 major categories such as (i) food, beverage and tobacco (ii) clothing and footwear (iii) gross rent, fuel and lighting (iv) furniture, furnishing, household equipment and operation (v) medical care and health expenses (vi) transport and communications (vii) recreation, entertainment, education and cultural services and (viii) miscellaneous goods and services.

WRI is intended to measure the movement of nominal wages of low paid skilled and unskilled labour over time in different sectors of the economy. This index has been rebased with 2010-11 as base year. Monthly wages for specific 44 occupations (11 from the agriculture, 22 from the industry and the rest 11 from service sector) are considered for calculation of WRI.

I believe that the Monthly Release of Consumer Price Index (CPI), Inflation Rate and Wage Rate Index (WRI) in Bangladesh would be a useful document for the planners, policy makers, academicians, researchers, development partners/agencies and other stakeholders.

My great appreciation is due to the officials of BBS at the Head Office and also to the field-level Statistical Office for their relentless efforts to make the work a success.

Any comments/suggestions would be highly appreciated.

Md. Matiar Rahman



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## Acronyms

BBS	Bangladesh Bureau of Statistics
BMPI	Building Materials Price Index
BSCO	Bangladesh Standard Classification of Occupation
BSIC	Bangladesh Standard Industrial Classification
CPI	Consumer Price Index
GDP	Gross Domestic Product
GNP	Gross National Product
GNI	Gross National Income
HRI	House Rent Index
ISCO	International Standard Classification of Occupation
LFS	Labour Force Survey
NSO	National Statistical Organization
SID	Statistics and Informatics Division
WPI	Wholesale Price Index
WRI	Wage Rate Index





# **Chapter 1**

**Consumer Price Index (CPI), Inflation Rate**

**And**

**Average Retail Prices of Selected Commodities in Dhaka City**



## **1.1 Introduction:**

The Bangladesh Bureau of Statistics (BBS) as the national statistical organization (NSO) has been engaged in collecting, collating and disseminating statistics on a wide range of economic, social, demographic and environmental variables. It brings out various regular and adhoc publications and reports for dissemination of generated data. There has been persistent attempt to satisfy the data needs of the country by undertaking initiatives to generate timely, relevant and quality statistics. This Monthly Advance Release is an addition to its on-going efforts to satisfy the needs for relevant data by the Government and other stakeholders. The Release is designed to provide a regular update on monthly price and wage situation in the country. It focuses on (i) consumer price index, (ii) inflation and (iii) average retail prices of selected commodities in Dhaka City.

## **1.2 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.

## **1.3 Classification:**

The Release includes CPI for three groups of population: (1) national, (2) urban and (3) rural. National, urban and rural CPIs have been constructed with 2005-06 as the base year. The base year weights have been derived from the Household Income and Expenditure Survey (HIES), 2005-06.

## **1.4 Aggregation:**

The indices are shown by general aggregation and separately by food and non-food groups. Non-food CPIs for national, urban and rural groups are further disaggregated by (i) clothing and footwear (ii) gross rent, fuel and lighting, (iii) furniture, furnishing, household equipment and operation, (iv) medical care and health expenses (v) transport and communications, (vi) recreation, entertainment, education and cultural services and (vii) miscellaneous goods and services.

## **1.5 Index Basket and Weights:**

For computation of CPIs, two consumer baskets are used: (i) urban basket and (ii) rural basket. These baskets items (goods and services) were determined based on HIES, 2005-06 for private consumption of population. In urban consumer basket a total of 422 commodities are included while the rural basket consists of 318 food and non-food items. The items weights in the base year were derived on the basis of the average expenditure incurred by a household on the item expressed in terms of its percentage share in the total expenditure on all items. The index basket is divided into eight major groups of items.

**Laspeyer's formula is used for computation of CPI 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 = Consumer Price Index (CPI)

P<sub>n</sub> = Price in the current year/month

P<sub>o</sub> = Price in the base year/month

W<sub>i</sub> = Weight at the ith item

∑W<sub>i</sub> = Weight of the group

### **1.6 Price Collection Procedure:**

BBS collects price data from 140 (64 from urban, 64 from rural and 12 from Dhaka City Corporation) main markets across the country. Three price quotes per item are collected from each of the market. Prices of 151 food items as well as 271 non-food items in urban areas, 133 food items as well as 185 non-food items in rural areas (2005-06) are collected. In collecting prices, four schedules (Darchak) are used: (i) monthly rural retail (ii) monthly urban retail (iii) monthly urban wholesale and (iv) quarterly house rent. Data are usually collected from selected shops in each market or selected units or service providers in case of services. In constructing price indices, the average price for each item is considered.

### **1.7 Average Retail Prices of Selected Commodities in Dhaka City:**

The Release presents trend in seasonally unadjusted nominal prices of 47 commodities in 12 groups in Dhaka city. The prices represent effects of both underlying trend and seasonal factors originating from changing climatic conditions, production cycles and festivals.

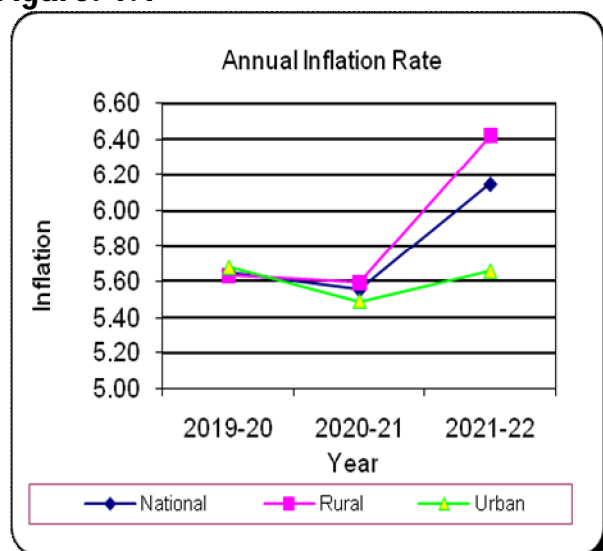
**Table: 1.1 Consumer Price Index (CPI) and Inflation Rate (Point to Point)**

**(2005-06=100)**

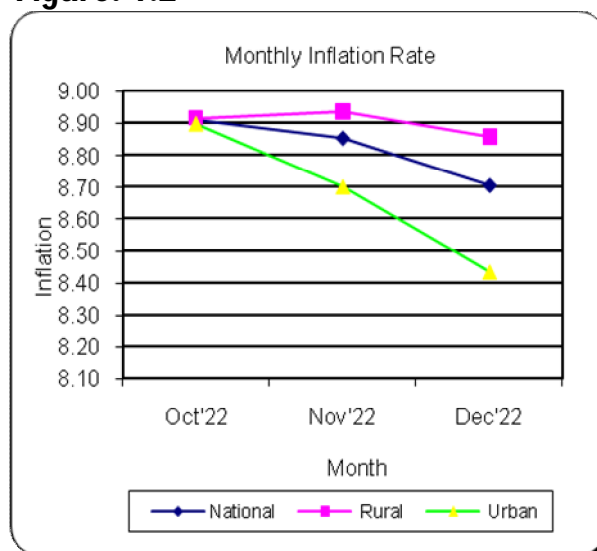
CPI Classification	2019-20	2020-21	2021-22	2021-22			2022-23		
				Oct'21	Nov'21	Dec'21	Oct'22	Nov'22	Dec'22
1	2	3	4	5	6	7	8	9	10
<b>NATIONAL</b>									
General index	273.26	288.44	306.18	307.49	305.97	304.81	334.89	333.07	331.35
<i>Inflation</i>	<i>5.65</i>	<i>5.56</i>	<i>6.15</i>	<i>5.70</i>	<i>5.98</i>	<i>6.05</i>	<i>8.91</i>	<i>8.85</i>	<i>8.71</i>
Food index	296.86	313.86	332.86	337.70	333.58	330.71	366.39	360.75	356.86
<i>Inflation</i>	<i>5.52</i>	<i>5.73</i>	<i>6.05</i>	<i>5.22</i>	<i>5.43</i>	<i>5.46</i>	<i>8.50</i>	<i>8.14</i>	<i>7.91</i>
Non-food index	243.00	255.85	271.98	268.75	270.58	271.61	294.51	297.58	298.65
<i>Inflation</i>	<i>5.85</i>	<i>5.29</i>	<i>6.31</i>	<i>6.48</i>	<i>6.87</i>	<i>7.00</i>	<i>9.58</i>	<i>9.98</i>	<i>9.96</i>
<b>RURAL</b>									
General index	271.20	286.37	304.76	306.10	304.31	303.14	333.40	331.51	330.00
<i>Inflation</i>	<i>5.63</i>	<i>5.59</i>	<i>6.42</i>	<i>5.81</i>	<i>6.20</i>	<i>6.27</i>	<i>8.92</i>	<i>8.94</i>	<i>8.86</i>
Food index	289.08	306.40	326.34	330.77	326.57	324.00	358.50	353.44	350.28
<i>Inflation</i>	<i>5.68</i>	<i>5.99</i>	<i>6.51</i>	<i>5.62</i>	<i>5.90</i>	<i>5.93</i>	<i>8.38</i>	<i>8.23</i>	<i>8.11</i>
Non-food index	242.74	254.51	270.42	266.85	268.89	269.95	293.47	296.61	297.74
<i>Inflation</i>	<i>5.53</i>	<i>4.85</i>	<i>6.25</i>	<i>6.17</i>	<i>6.78</i>	<i>6.94</i>	<i>9.98</i>	<i>10.31</i>	<i>10.29</i>
<b>URBAN</b>									
General index	277.06	292.27	308.81	310.05	309.05	307.89	337.64	335.95	333.85
<i>Inflation</i>	<i>5.68</i>	<i>5.49</i>	<i>5.66</i>	<i>5.50</i>	<i>5.59</i>	<i>5.66</i>	<i>8.90</i>	<i>8.70</i>	<i>8.43</i>
Food index	315.83	332.08	348.75	354.60	350.69	347.07	385.64	378.58	372.94
<i>Inflation</i>	<i>5.17</i>	<i>5.15</i>	<i>5.02</i>	<i>4.31</i>	<i>4.37</i>	<i>4.41</i>	<i>8.75</i>	<i>7.95</i>	<i>7.45</i>
Non-food index	243.34	257.64	274.07	271.29	272.83	273.82	295.88	298.87	299.86
<i>Inflation</i>	<i>6.26</i>	<i>5.88</i>	<i>6.38</i>	<i>6.89</i>	<i>6.99</i>	<i>7.07</i>	<i>9.07</i>	<i>9.54</i>	<i>9.51</i>

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

**Figure: 1.1**



**Figure: 1.2**

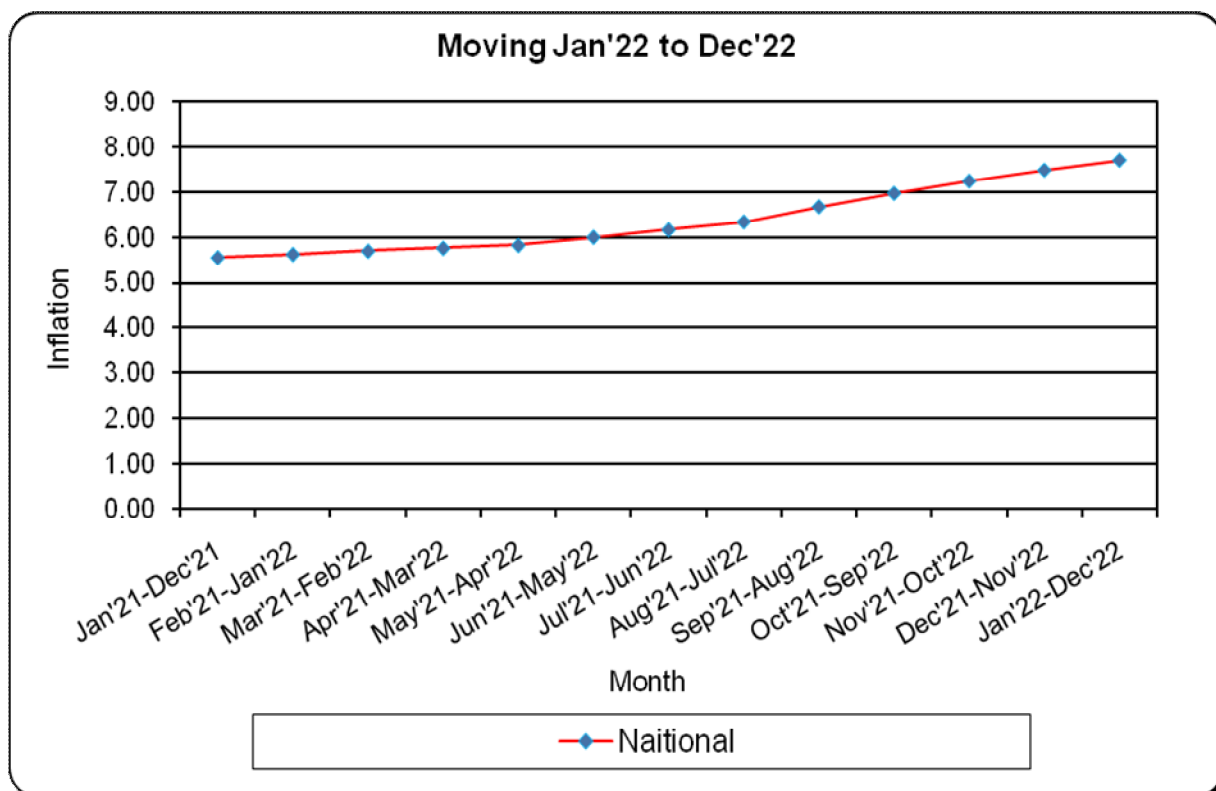


**Table: 1.2 Monthly and average inflation rate of CPI from Jan'22 to Dec'22  
(12 Months moving average)**

(2005-06=100)

12 Months Average		12 Months Average		Inflation
Period	Average	Period	Average	
1	2	3	4	5
Jan'21-Dec'21	296.60	Jan'20-Dec'20	281.02	5.54
Feb'21-Jan'22	298.02	Feb'20-Jan'21	282.17	5.62
Mar'21-Feb'22	299.51	Mar'20-Feb'21	283.39	5.69
Apr'21-Mar'22	301.02	Apr'20-Mar'21	284.66	5.75
May'21-Apr'22	302.56	May'20-Apr'21	285.95	5.81
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
<b>Jan'22-Dec'22</b>			<b>7.70</b>	

**Figure: 1.3**

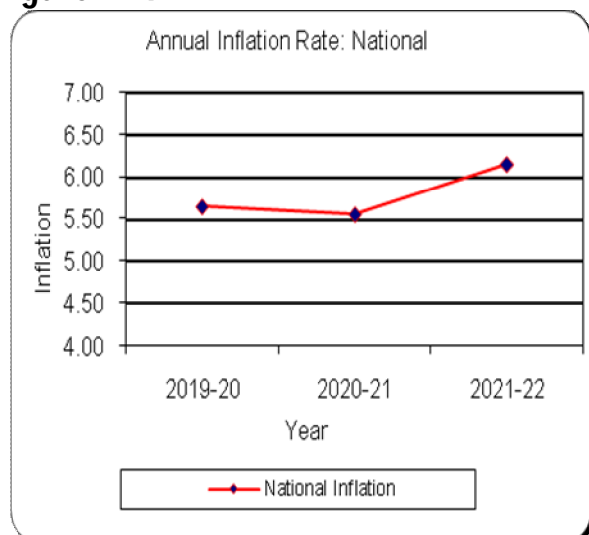


**Table 1.3 Consumer Price Index (CPI): National (Over Previous Year/Month)**

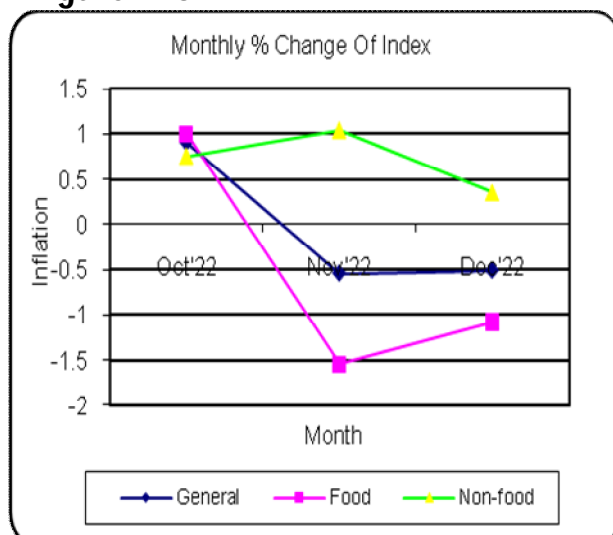
CPI Classification	2019-20	2020-21	2021-22	2021-22			2022-23		
				Oct'21	Nov'21	Dec'21	Oct'22	Nov'22	Dec'22
1	2	3	4	5	6	7	8	5	6
General	273.26	288.44	306.18	307.49	305.97	304.81	334.89	333.07	331.35
<i>Inflation</i>	<i>5.65</i>	<i>5.56</i>	<i>6.15</i>	<i>1.08</i>	<i>-0.49</i>	<i>-0.38</i>	<i>0.91</i>	<i>-0.54</i>	<i>-0.51</i>
1. Food, beverage & tobacco	296.86	313.86	332.86	337.70	333.58	330.71	366.39	360.75	356.86
<i>Inflation</i>	<i>5.52</i>	<i>5.73</i>	<i>6.05</i>	<i>1.54</i>	<i>-1.22</i>	<i>-0.86</i>	<i>1.00</i>	<i>-1.54</i>	<i>-1.08</i>
2. Non-food	243.00	255.85	271.98	268.75	270.58	271.61	294.51	297.58	298.65
<i>Inflation</i>	<i>5.85</i>	<i>5.29</i>	<i>6.31</i>	<i>0.34</i>	<i>0.68</i>	<i>0.38</i>	<i>0.76</i>	<i>1.04</i>	<i>0.36</i>
I. Clothing & footwear	290.00	298.14	320.14	314.48	316.73	320.38	338.17	340.91	342.96
<i>Inflation</i>	<i>4.45</i>	<i>2.81</i>	<i>7.38</i>	<i>0.27</i>	<i>0.72</i>	<i>1.15</i>	<i>0.29</i>	<i>0.81</i>	<i>0.60</i>
II. Gross rent, fuel & lighting	220.70	228.29	232.43	231.64	232.46	232.71	248.79	249.07	249.09
<i>Inflation</i>	<i>6.63</i>	<i>3.44</i>	<i>1.81</i>	<i>0.44</i>	<i>0.35</i>	<i>0.11</i>	<i>0.29</i>	<i>0.12</i>	<i>0.01</i>
III. Furniture, furnishing, household equipment's & operation	282.67	298.15	320.30	316.85	317.92	318.70	344.34	349.61	353.11
<i>Inflation</i>	<i>6.57</i>	<i>5.48</i>	<i>7.43</i>	<i>0.05</i>	<i>0.34</i>	<i>0.25</i>	<i>0.90</i>	<i>1.53</i>	<i>1.00</i>
IV. Medical care & health expenses	230.07	247.86	253.62	252.99	253.09	253.16	294.93	302.73	303.20
<i>Inflation</i>	<i>6.86</i>	<i>7.73</i>	<i>2.32</i>	<i>0.04</i>	<i>0.04</i>	<i>0.03</i>	<i>0.60</i>	<i>2.64</i>	<i>0.15</i>
V. Transport & communication	248.48	271.45	313.00	306.31	313.36	314.27	341.86	347.60	348.59
<i>Inflation</i>	<i>5.63</i>	<i>9.24</i>	<i>15.31</i>	<i>0.85</i>	<i>2.30</i>	<i>0.29</i>	<i>1.22</i>	<i>1.68</i>	<i>0.28</i>
VI. Recreation, entertainment, education & cultural services	190.13	193.61	202.60	199.71	200.25	201.02	215.27	215.98	216.70
<i>Inflation</i>	<i>1.83</i>	<i>1.83</i>	<i>4.64</i>	<i>0.08</i>	<i>0.27</i>	<i>0.39</i>	<i>0.46</i>	<i>0.33</i>	<i>0.33</i>
VII. Misc. goods & services	259.27	288.53	312.28	306.66	307.71	308.65	349.33	355.45	356.87
<i>Inflation</i>	<i>8.09</i>	<i>11.28</i>	<i>8.23</i>	<i>0.18</i>	<i>0.34</i>	<i>0.30</i>	<i>2.40</i>	<i>1.75</i>	<i>0.40</i>

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

**Figure: 1.4**



**Figure: 1.5**

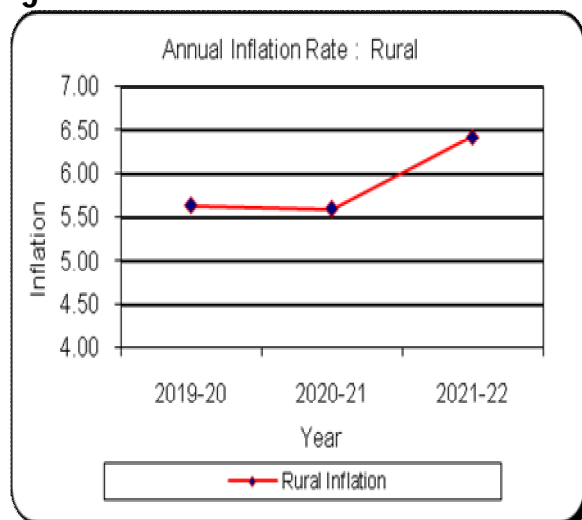


**Table 1.4 Consumer Price Index (CPI): Rural (Over Previous Year/Month)**

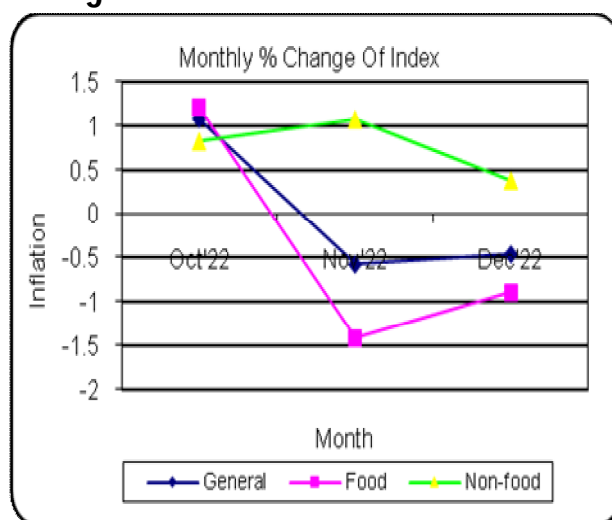
CPI Classification	2019-20	2020-21	2021-22	2021-22			2022-23		
				Oct'21	Nov'21	Dec'21	Oct'22	Nov'22	Dec'22
1	2	3	4	5	6	7	8	9	10
General	271.20	286.37	304.76	306.10	304.31	303.14	333.40	331.51	330.00
<i>Inflation</i>	<i>5.63</i>	<i>5.59</i>	<i>6.42</i>	<i>1.27</i>	<i>-0.59</i>	<i>-0.38</i>	<i>1.07</i>	<i>-0.57</i>	<i>-0.46</i>
1. Food, beverage & tobacco	289.08	306.40	326.34	330.77	326.57	324.00	358.50	353.44	350.28
<i>Inflation</i>	<i>5.68</i>	<i>5.99</i>	<i>6.51</i>	<i>1.73</i>	<i>-1.27</i>	<i>-0.78</i>	<i>1.21</i>	<i>-1.41</i>	<i>-0.89</i>
2. Non-food	242.74	254.51	270.42	266.85	268.89	269.95	293.47	296.61	297.74
<i>Inflation</i>	<i>5.53</i>	<i>4.85</i>	<i>6.25</i>	<i>0.36</i>	<i>0.76</i>	<i>0.39</i>	<i>0.82</i>	<i>1.07</i>	<i>0.38</i>
I. Clothing & footwear	292.21	298.86	318.29	<i>311.93</i>	314.38	318.14	336.71	340.15	342.57
<i>Inflation</i>	<i>3.34</i>	<i>2.27</i>	<i>6.50</i>	<i>0.23</i>	<i>0.79</i>	<i>1.20</i>	<i>0.29</i>	<i>1.02</i>	<i>0.71</i>
II. Gross rent, fuel & lighting	212.44	220.23	223.88	223.17	224.10	224.27	242.66	242.71	242.83
<i>Inflation</i>	<i>6.76</i>	<i>3.67</i>	<i>1.66</i>	<i>0.71</i>	<i>0.42</i>	<i>0.08</i>	<i>0.31</i>	<i>0.02</i>	<i>0.05</i>
III. Furniture, furnishing, household equipment's & operation	277.56	286.65	308.52	<i>305.04</i>	306.24	306.91	328.39	331.66	334.94
<i>Inflation</i>	<i>6.22</i>	<i>3.28</i>	<i>7.63</i>	<i>-0.06</i>	<i>0.39</i>	<i>0.22</i>	<i>1.18</i>	<i>0.99</i>	<i>0.99</i>
IV. Medical care & health expenses	242.40	264.04	269.97	269.32	269.42	269.47	323.14	335.30	335.51
<i>Inflation</i>	<i>7.32</i>	<i>8.93</i>	<i>2.25</i>	<i>0.01</i>	<i>0.04</i>	<i>0.02</i>	<i>0.79</i>	<i>3.76</i>	<i>0.06</i>
V. Transport & communication education & cultural services	217.05	234.11	274.69	267.33	275.53	276.30	294.21	300.39	301.24
<i>Inflation</i>	<i>4.60</i>	<i>7.86</i>	<i>17.33</i>	<i>1.07</i>	<i>3.07</i>	<i>0.28</i>	<i>1.04</i>	<i>2.10</i>	<i>0.28</i>
VI. Recreation, entertainment	208.93	214.52	225.50	221.97	222.77	223.49	238.13	239.48	239.80
<i>Inflation</i>	<i>1.89</i>	<i>2.68</i>	<i>5.12</i>	<i>0.02</i>	<i>0.36</i>	<i>0.32</i>	<i>0.43</i>	<i>0.57</i>	<i>0.13</i>
VII. Misc. goods & services	275.65	305.80	332.14	325.94	326.97	328.00	370.53	372.64	373.92
<i>Inflation</i>	<i>8.65</i>	<i>10.94</i>	<i>8.61</i>	<i>0.06</i>	<i>0.32</i>	<i>0.31</i>	<i>2.73</i>	<i>0.57</i>	<i>0.34</i>

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

**Figure: 1.6**



**Figure: 1.7**



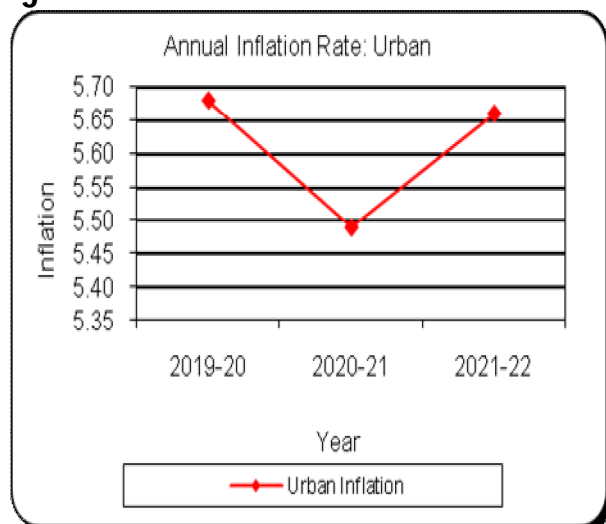


**Table 1.5 Consumer Price Index (CPI): Urban (Over Previous Year/Month)**

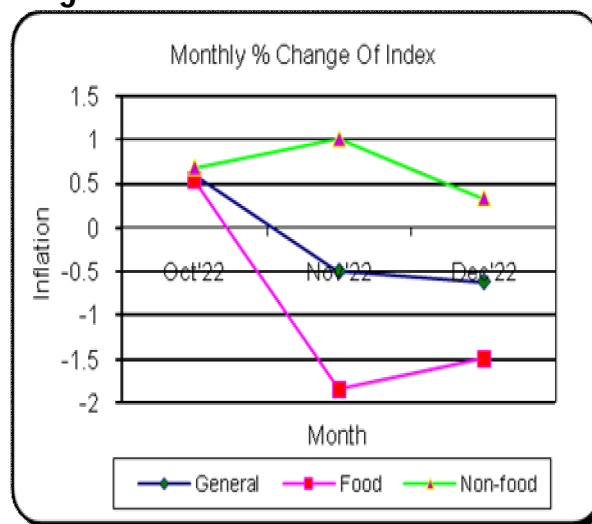
CPI Classification	2019-20	2020-21	2021-22	2021-22			2022-23		
				Oct'21	Nov'21	Dec'21	Oct'22	Nov'22	Dec'22
1	2	3	4	5	6	7	8	9	10
<b>General</b>	277.06	292.27	308.81	310.05	309.05	307.89	337.64	335.95	333.85
<i>Inflation</i>	<i>5.68</i>	<i>5.49</i>	<i>5.66</i>	<i>0.72</i>	<i>-0.32</i>	<i>-0.38</i>	<i>0.60</i>	<i>-0.50</i>	<i>-0.62</i>
<b>1. Food, beverage &amp; tobacco</b>	315.83	332.08	348.75	354.60	350.69	347.07	385.64	378.58	372.94
<i>Inflation</i>	<i>5.17</i>	<i>5.15</i>	<i>5.02</i>	<i>1.10</i>	<i>-1.10</i>	<i>-1.03</i>	<i>0.53</i>	<i>-1.83</i>	<i>-1.49</i>
<b>2. Non-food</b>	243.34	257.64	274.07	271.29	272.83	273.82	295.88	298.87	299.86
<i>Inflation</i>	<i>6.26</i>	<i>5.88</i>	<i>6.38</i>	<i>0.30</i>	<i>0.57</i>	<i>0.36</i>	<i>0.68</i>	<i>1.01</i>	<i>0.33</i>
<b>I. Clothing &amp; footwear</b>	285.82	296.78	323.66	319.31	321.21	324.64	340.94	342.34	343.69
<i>Inflation</i>	<i>6.68</i>	<i>3.83</i>	<i>9.06</i>	<i>0.35</i>	<i>0.59</i>	<i>1.07</i>	<i>0.28</i>	<i>0.41</i>	<i>0.39</i>
<b>II. Gross rent, fuel &amp; lighting</b>	230.27	237.63	242.32	241.45	242.13	242.48	255.88	256.44	256.34
<i>Inflation</i>	<i>6.50</i>	<i>3.20</i>	<i>1.98</i>	<i>0.16</i>	<i>0.28</i>	<i>0.15</i>	<i>0.26</i>	<i>0.22</i>	<i>-0.04</i>
<b>III. Furniture, furnishing, household equipment's &amp; operation</b>	291.66	318.36	341.00	337.61	338.46	339.45	372.39	381.17	385.06
<i>Inflation</i>	<i>7.15</i>	<i>9.15</i>	<i>7.11</i>	<i>0.23</i>	<i>0.25</i>	<i>0.29</i>	<i>0.46</i>	<i>2.36</i>	<i>1.02</i>
<b>IV. Medical care &amp; health expenses</b>	208.97	220.17	225.63	225.03	225.15	225.24	246.65	246.99	247.89
<i>Inflation</i>	<i>5.94</i>	<i>5.36</i>	<i>2.48</i>	<i>0.09</i>	<i>0.05</i>	<i>0.04</i>	<i>0.18</i>	<i>0.14</i>	<i>0.36</i>
<b>V. Transport &amp; communication</b>	283.12	312.59	355.22	349.27	355.04	356.12	394.38	399.63	400.77
<i>Inflation</i>	<i>6.53</i>	<i>10.41</i>	<i>13.64</i>	<i>0.66</i>	<i>1.65</i>	<i>0.30</i>	<i>1.37</i>	<i>1.33</i>	<i>0.29</i>
<b>VI. Recreation, entertainment, education &amp; cultural services</b>	169.81	171.05	177.90	175.69	175.94	176.77	190.60	190.62	191.76
<i>Inflation</i>	<i>1.71</i>	<i>0.73</i>	<i>4.00</i>	<i>0.16</i>	<i>0.14</i>	<i>0.47</i>	<i>0.50</i>	<i>0.01</i>	<i>0.60</i>
<b>VII. Misc. goods &amp; services</b>	239.06	267.20	287.76	282.86	283.93	284.76	323.15	334.23	335.82
<i>Inflation</i>	<i>7.31</i>	<i>11.77</i>	<i>7.70</i>	<i>0.34</i>	<i>0.38</i>	<i>0.29</i>	<i>1.94</i>	<i>3.43</i>	<i>0.48</i>

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

**Figure: 1.8**



**Figure: 1.9**



**Table: 1.6 Average Retail Prices (Open Market) Of Selected Commodities in Dhaka City during the Month of December'2022**

SL. No.	Item with specification	Unit	2021-22	Oct'22	Nov'22	Dec'22
1		2	3	4	5	6
<b>I. Cereals :</b>						
1.	Rice : Najershail/Minikat	Kg.	69.85	82.34	82.51	82.65
2.	Rice : Pajam/Equiv.	Kg.	62.38	64.41	64.67	64.81
3.	Rice : Irri/Boro	Kg.	52.29	57.23	58.94	58.98
4.	Wheat (atta), white,Pkt.	Kg.	43.80	55.87	59.11	60.33
<b>II. Pulses :</b>						
5.	Moongdal (husked)	Kg.	130.83	132.67	133.88	135.67
6.	Lentil (husked)	Kg.	122.72	135.00	136.57	140.54
<b>III. Sugar &amp; Molasses :</b>						
7.	Sugar (white)	Kg.	82.38	98.75	103.46	115.10
8.	Molasses (sugarcane)	Kg.	119.93	137.67	138.70	140.55
<b>IV. Protein Items :</b>						
9.	Fish-Rohu-cut piece	Kg.	341.19	400.00	390.00	410.00
10.	Fish-Hilsa, medium size	Kg.	1178.92	1200.00	1180.00	1150.00
11.	Prawn/Shrimp, about 3" long	Kg.	618.04	590.00	595.00	580.00
12.	Barbel (Shing), about 50 gram weight each	Kg.	499.42	520.00	510.00	500.00
13.	Beef, best quality	Kg.	600.46	718.34	718.77	720.10
14.	Mutton, best quality	Kg.	800.56	950.00	948.34	952.17
15.	Fowl, alive	Kg.	416.94	480.00	475.00	482.67
16.	Egg (Hen), Farm	4 pcs	38.41	50.00	43.17	41.07
17.	Egg (Duck)	4 pcs	54.08	68.37	66.10	65.40
<b>V. Edible oil :</b>						
18.	Mustard oil, best quality	Litre	225.66	255.67	255.83	256.75
19.	Soyabean oil, best quality	Litre	163.01	178.00	190.00	190.00
<b>VI. Spices :</b>						
20.	Chilli (dry), best quality	Kg.	354.10	462.00	460.00	475.00
21.	Onion (local)	Kg.	57.07	55.00	51.00	45.00
22.	Garlic (Local)	Kg.	115.86	137.54	138.67	124.83
23.	Turmeric (Local)	Kg.	192.44	188.32	190.85	188.45
24.	Ginger (Local)	Kg.	120.32	182.15	184.06	172.61

SL. No.	Item with specification	Unit	2021-22	Oct'22	Nov'22	Dec'22
1		2	3	4	5	6
25.	Salt (fine)	Kg.	32.04	38.00	38.40	38.00
<b>VII. Vegetable :</b>						
26.	Potato, best quality	Kg.	25.93	30.62	28.70	26.50
27.	Brinjal, best quality	Kg.	54.00	60.00	52.00	45.00
28.	Lady's finger, best quality	Kg.	62.67	70.00	50.00	50.00
29.	Papaya (green)	Kg.	33.31	28.50	26.00	20.00
<b>VIII. Milk :</b>						
30.	Milk (Milk vita packet)	Litre	73.81	76.61	76.80	80.40
31.	Lactozen (full cream)(400gm)	Each	607.06	610.85	612.53	675.00
<b>IX. Fuel &amp; lighting :</b>						
32.	Firewood (gazari)	Quintal	502.79	557.61	558.79	567.10
33.	Kerosene	Litre	81.22	109.00	109.00	109.00
34.	Matches (40 sticks)	Box	2.00	2.00	2.00	2.00
<b>X. Clothing :</b>						
35.	Long cloth (fine)	Metre	89.27	107.00	108.67	108.67
36.	Long cloth (medium)	Metre	86.15	104.00	105.00	110.46
37.	Saree (medium), white Tangail handloom: A451 80x80 count 5.5 yds.	Each	747.99	770.00	775.00	778.34
38.	Lungi (medium.) 48" handloom 60X60	Each	809.88	820.95	824.67	827.10
39.	Undershirt (genjee 100 c.m sleeveless)	Each	110.29	130.65	133.34	133.34
<b>XI. Housing &amp; Household Requisites :</b>						
40.	Cement (local)	Bag of 50 Kg.	463.09	550.00	552.00	540.00
41.	Aluminium (Degchi)	Gram	0.44	0.45	0.45	0.45
42.	Bamboo (mul) about 30 feet long	Each	197.27	200.00	204.00	207.00
43.	Enamel plate	Each	74.31	82.40	82.70	85.50
<b>XII. Miscellaneous :</b>						
44.	Coconut oil (unscented, imported)	Kg.	284.87	320.00	324.00	330.00
45.	Cigarettes (Star)	10 Sticks	80.62	80.00	80.00	80.00
46.	White paper	Quire	29.17	35.00	35.87	37.15
47.	Blade-Sword (stainless steel)	Each	3.07	3.47	3.48	3.25

**Table: 1.7 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

Year	Index			Inflation		
	General	Food	Non-food	General	Food	Non-food
1	2	3	4	5	6	7
2000-01	126.72	130.30	122.25	1.94	1.38	3.04
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.

**Laspeyzer'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.

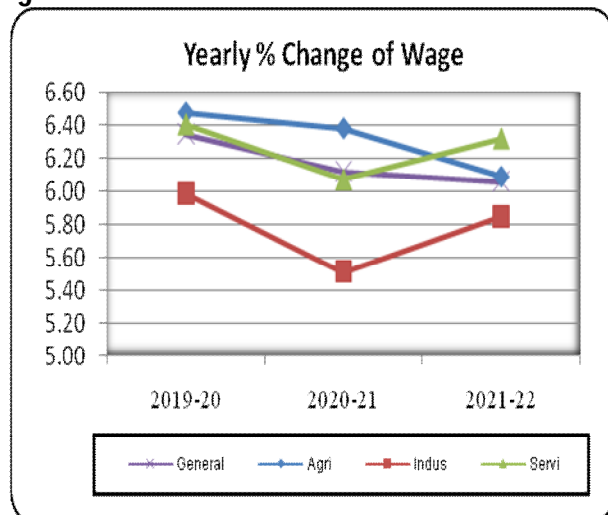
## 2.6 Coverage and sources of data:

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.

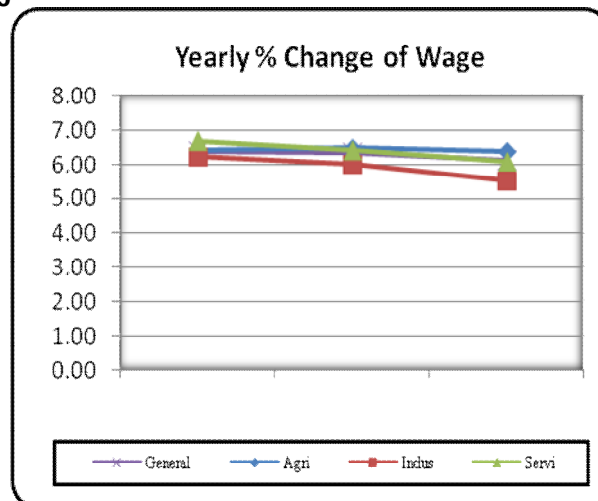
**Table: 2.1 Wage Rate Index by Sectors: Bangladesh (Base: 2010-11=100)**

Sector	2019-20	2020-21	2021-22	Oct'22	Nov'22	Dec'22
1	2	3	4	5	6	7
<b>General</b>	170.39	180.83	191.80	201.75	203.97	205.36
percentage change (Point to Point)	6.35	6.12	6.06	6.91	6.98	7.03
percentage change(over previous month)				0.89	1.10	0.68
1. Agriculture	170.28	181.16	192.21	202.07	204.50	205.92
percentage change (Point to Point)	6.48	6.39	6.10	6.85	6.90	6.95
percentage change(over previous month)				0.93	1.20	0.70
I. Agriculture	170.32	181.23	192.39	202.31	204.77	206.21
percentage change (Point to Point)	6.51	6.41	6.16	6.89	6.95	7.00
percentage change(over previous month)				0.94	1.22	0.71
II. Fish	168.58	177.84	183.06	190.02	190.70	190.96
percentage change (Point to Point)	4.97	5.49	2.95	4.87	4.46	4.47
percentage change(over previous month)				0.22	0.36	0.14
2. Industry	168.24	177.52	187.83	197.80	199.58	200.86
percentage change (Point to Point)	5.99	5.51	5.85	6.97	7.06	7.12
percentage change(over previous month)				0.85	0.90	0.64
I. Construction	160.17	167.24	174.62	182.00	183.22	184.26
percentage change (Point to Point)	4.77	4.42	4.41	5.45	5.52	5.58
percentage change(over previous month)				0.74	0.67	0.57
II. Production	184.65	198.37	214.87	229.84	232.75	234.53
percentage change (Point to Point)	8.21	7.43	8.30	9.49	9.61	9.66
percentage change(over previous month)				1.04	1.27	0.76
3. Service	175.33	185.99	199.42	208.30	210.40	211.86
percentage change (Point to Point)	6.41	6.07	6.32	7.11	7.17	7.26
percentage change(over previous month)				0.75	1.01	0.70

**Figure: 2.1**



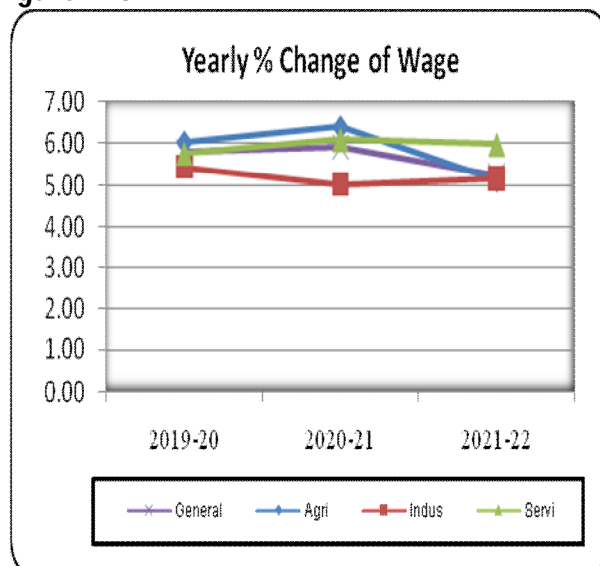
**Figure: 2.2**



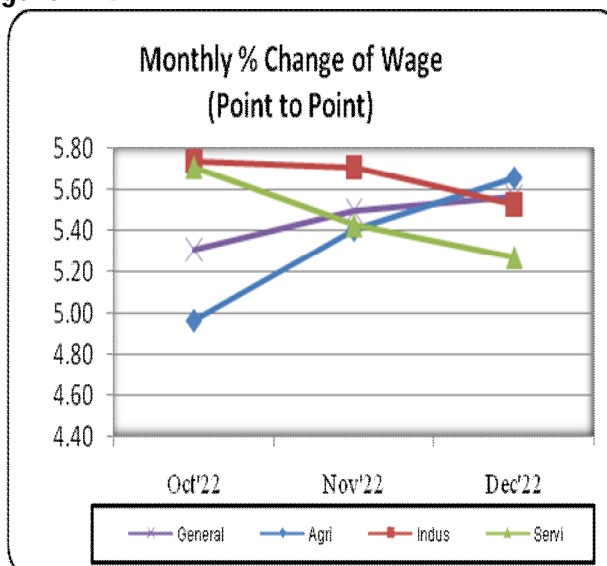
**Table: 2.2 Wage Rate Index by Sectors: Dhaka Division**

Sector	2019-20	2020-21	2021-22	Oct'22	Nov'22	Dec'22
1	2	3	4	5	6	7
<b>General</b>	169.90	179.99	189.42	197.15	198.88	199.92
percentage change (Point to Point)	5.81	5.93	5.25	5.31	5.50	5.57
percentage change(over previous month)				0.76	0.88	0.52
1. Agriculture	170.57	181.52	190.78	198.11	200.27	201.38
percentage change (Point to Point)	6.01	6.41	5.11	4.97	5.41	5.66
percentage change(over previous month)				0.68	1.09	0.55
I. Agriculture	170.56	181.51	190.80	198.15	200.31	201.43
percentage change (Point to Point)	6.02	6.41	5.13	4.99	5.42	5.67
percentage change(over previous month)				0.68	1.09	0.56
II. Fish	171.45	182.40	187.35	192.58	194.25	194.44
percentage change (Point to Point)	5.00	6.38	2.74	3.23	4.12	4.19
percentage change(over previous month)				0.18	0.87	0.10
2. Industry	165.60	173.94	182.93	191.07	192.26	193.20
percentage change (Point to Point)	5.47	5.03	5.17	5.74	5.71	5.53
percentage change(over previous month)				0.88	0.62	0.49
I. Construction	160.30	167.38	173.84	179.94	180.71	181.49
percentage change (Point to Point)	4.67	4.41	3.86	4.41	4.30	4.28
percentage change(over previous month)				0.80	0.43	0.43
II. Production	176.81	187.79	202.14	214.57	216.66	217.93
percentage change (Point to Point)	7.04	6.22	7.63	8.18	8.28	7.79
percentage change(over previous month)				1.02	0.97	0.59
3. Service	178.06	188.95	200.28	208.69	209.92	210.93
percentage change (Point to Point)	5.75	6.11	6.00	5.71	5.43	5.27
percentage change(over previous month)				0.78	0.59	0.48

**Figure: 2.3**



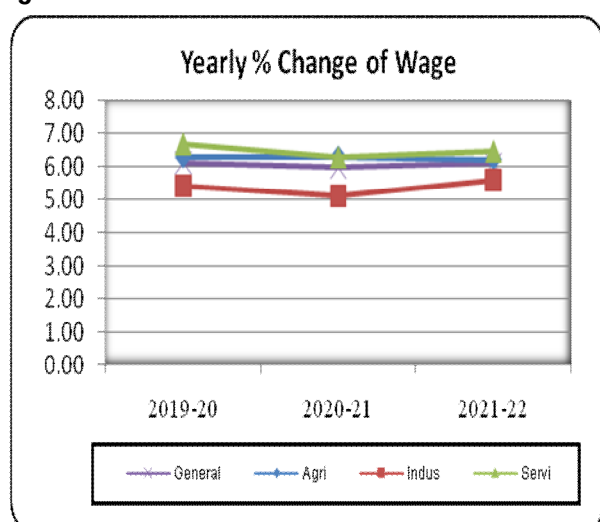
**Figure: 2.4**



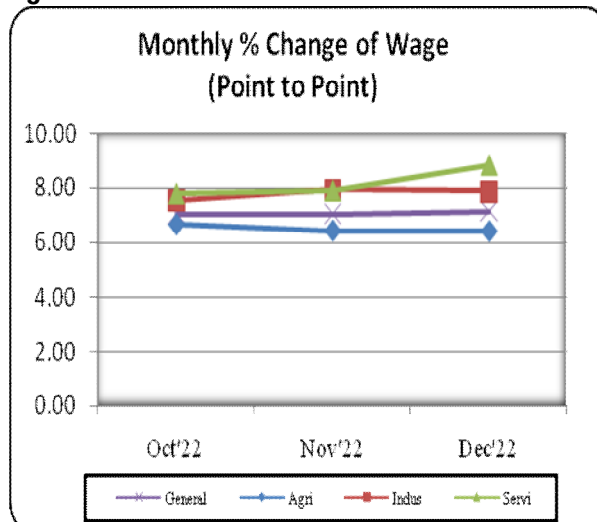
**Table: 2.3 Wage Rate Index by Sectors: Chattogram Division**

Sector	2019-20	2020-21	2021-22	Oct'22	Nov'22	Dec'22
1	2	3	4	5	6	7
General	168.51	178.61	189.51	199.41	201.35	202.84
percentage change (Point to Point)	6.12	5.99	6.10	7.07	7.06	7.16
percentage change (over previous month)				0.87	0.97	0.74
1. Agriculture	168.74	179.38	190.56	199.81	201.84	203.09
percentage change (Point to Point)	6.29	6.30	6.23	6.67	6.45	6.43
Percentage change (over previous month)				0.98	1.02	0.62
I. Agriculture	168.71	179.38	190.76	200.08	202.18	203.46
percentage change (Point to Point)	6.37	6.31	6.34	6.72	6.53	6.50
percentage change (over previous month)				1.02	1.05	0.64
II. Fish	169.38	179.35	185.39	192.86	193.17	193.38
percentage change (Point to Point)	4.48	5.88	3.38	5.35	4.44	4.43
percentage change (over previous month)				0.09	0.16	0.11
2. Industry	166.23	174.75	184.54	195.17	196.72	198.16
percentage change (Point to Point)	5.43	5.13	5.59	7.56	7.94	7.88
percentage change (over previous month)				0.82	0.79	0.73
I. Construction	164.82	172.87	182.46	193.04	194.31	195.78
percentage change (Point to Point)	5.09	4.89	5.51	7.69	7.78	7.87
percentage change (over previous month)				0.66	0.66	0.76
II. Production	171.36	181.61	192.12	202.92	205.50	206.83
percentage change (Point to Point)	6.67	5.98	5.78	7.13	8.50	7.89
Percentage change (over previous month)				1.41	1.27	0.65
3. Service	171.78	182.58	194.39	205.57	207.88	210.43
percentage change (Point to Point)	6.68	6.28	6.46	7.80	7.91	8.85
percentage change (over previous month)				0.52	1.13	1.23

**Figure: 2.5**



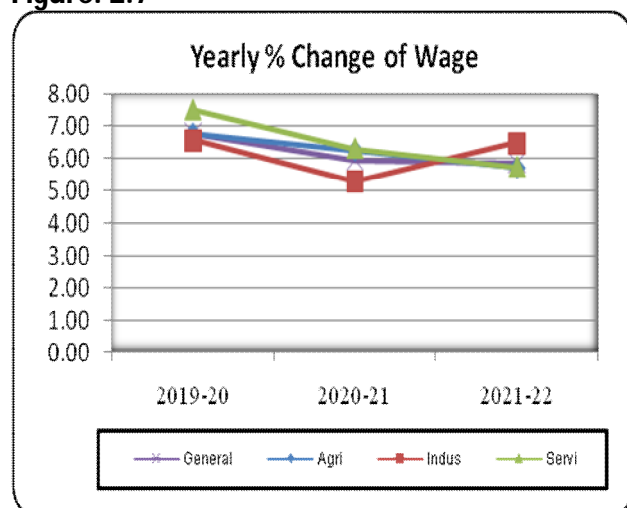
**Figure: 2.6**



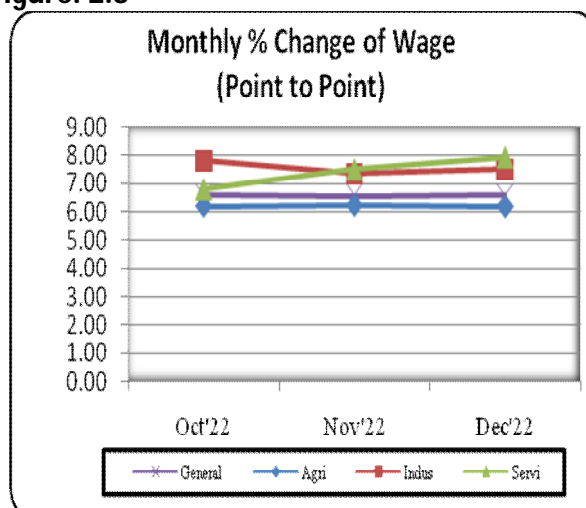
**Table: 2.4 Wage Rate Index by Sectors: Rajshahi Division**

Sector	2019-20	2020-21	2021-22	Oct'22	Nov'22	Dec'22
1	2	3	4	5	6	7
General	170.22	160.31	191.24	200.54	202.79	204.94
percentage change (Point to Point)	6.80	7.05	5.88	6.59	6.57	6.59
percentage change(over previous month)				0.78	1.12	0.63
1. Agriculture	170.43	160.50	191.41	200.14	202.57	203.94
percentage change (Point to Point)	6.79	7.06	5.71	6.21	6.24	6.19
percentage change(over previous month)				0.77	1.21	0.68
I. Agriculture	170.41	160.50	191.42	200.16	202.58	203.96
percentage change (Point to Point)	6.79	7.06	5.72	6.21	6.24	6.19
percentage change(over previous month)				0.77	1.21	0.68
II. Fish	171.39	162.44	187.79	195.94	197.45	198.01
percentage change (Point to Point)	6.04	6.72	3.48	5.58	5.84	6.07
percentage change(over previous month)				0.56	0.77	0.29
2. Industry	168.07	158.56	188.50	199.36	200.75	201.43
percentage change (Point to Point)	6.59	6.59	6.50	7.82	7.37	7.51
percentage change(over previous month)				0.91	0.70	0.34
I. Construction	158.17	151.79	169.15	174.81	176.63	177.48
percentage change (Point to Point)	4.69	5.56	3.51	4.34	4.85	5.13
percentage change(over previous month)				0.45	1.05	0.48
II. Production	177.80	165.20	207.50	223.46	224.41	224.94
percentage change (Point to Point)	8.34	7.54	9.01	10.65	9.40	9.43
percentage change(over previous month)				1.26	0.43	0.24
3. Service	176.45	289.37	198.39	208.87	212.06	214.16
percentage change (Point to Point)	7.51	8.45	5.75	6.80	7.51	7.95
percentage change(over previous month)				0.52	1.53	0.99

**Figure: 2.7**



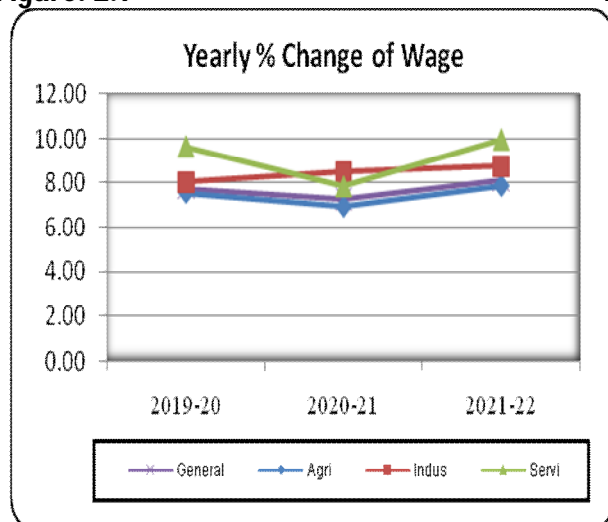
**Figure: 2.8**



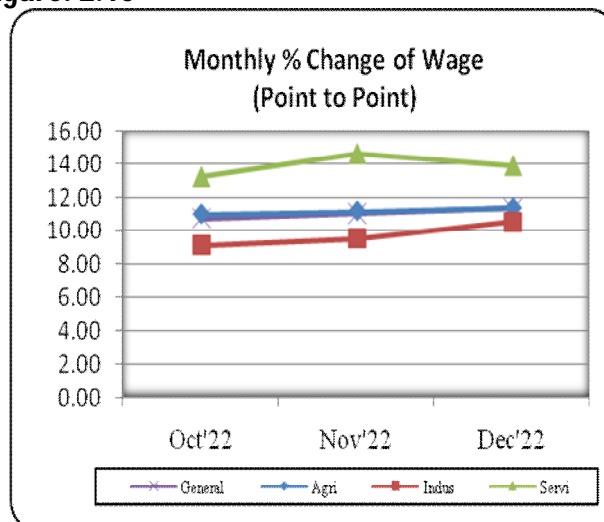
**Table: 2.5 Wage Rate Index by Sectors: Rangpur Division**

Sector	2019-20	2020-21	2021-22	Oct'22	Nov'22	Dec'22
1	2	3	4	5	6	7
General	175.89	188.61	203.98	220.27	224.44	227.00
percentage change (Point to Point)	7.76	7.27	8.14	10.77	11.06	11.35
percentage change (over previous month)				1.07	1.89	1.14
1. Agriculture	174.04	186.02	200.68	217.04	221.06	223.63
percentage change (Point to Point)	7.57	6.94	7.87	11.01	11.19	11.37
percentage change (over previous month)				1.13	1.85	1.16
I. Agriculture	174.05	186.05	200.72	217.10	221.12	223.70
percentage change (Point to Point)	7.57	6.94	7.89	11.02	11.20	11.38
percentage change (over previous month)				1.13	1.85	1.16
II. Fish	166.01	174.73	180.08	189.34	190.47	190.77
percentage change (Point to Point)	6.00	5.26	3.07	6.19	5.75	5.76
percentage change (over previous month)				1.33	0.60	0.15
2. Industry	180.19	195.50	212.63	227.08	230.89	233.63
percentage change (Point to Point)	8.06	8.49	8.76	9.13	9.56	10.54
percentage change (over previous month)				0.78	1.68	1.18
I. Construction	158.98	166.60	174.10	182.25	185.09	186.55
percentage change (Point to Point)	4.97	4.82	4.48	6.14	7.05	7.29
percentage change (over previous month)				0.53	1.56	0.79
II. Production	212.06	237.39	264.36	286.67	293.55	298.72
percentage change (Point to Point)	109.39	11.89	11.41	11.59	12.46	14.39
percentage change (over previous month)				0.70	2.40	1.76
3. Service	190.86	205.87	226.52	248.93	257.15	258.82
percentage change (Point to Point)	9.68	7.86	10.00	13.29	14.68	13.96
percentage change (over previous month)				1.13	3.30	0.65

**Figure: 2.9**



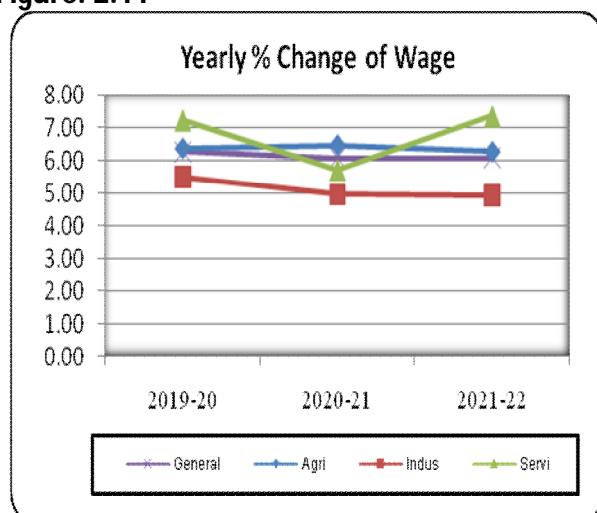
**Figure: 2.10**



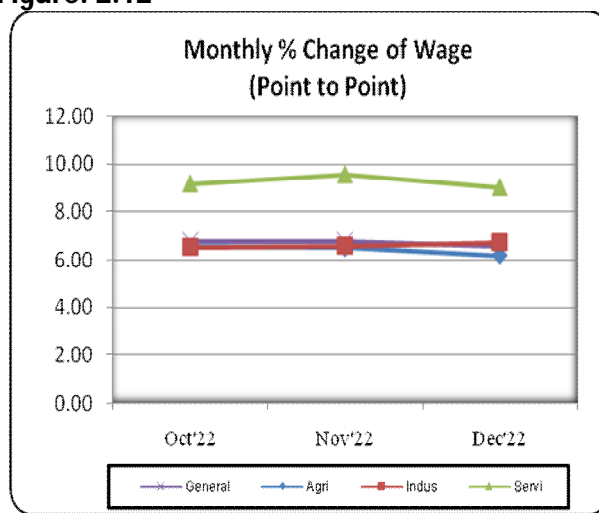
**Table: 2.6 Wage Rate Index by Sectors: Khulna Division**

Sector	2019-20	2020-21	2021-22	Oct'22	Nov'22	Dec'22
1	2	3	4	5	6	7
General	170.03	180.36	191.40	201.22	203.53	204.57
percentage change (Point to Point)	6.28	6.11	6.10	6.79	6.79	6.56
percentage change(over previous month)				1.12	1.14	0.51
1. Agriculture	170.92	181.94	193.42	202.98	205.31	206.18
percentage change (Point to Point)	6.39	6.49	6.29	6.56	6.51	6.20
percentage change(over previous month)				1.17	1.15	0.43
I. Agriculture	171.18	182.29	193.95	203.66	206.04	206.95
percentage change (Point to Point)	6.41	6.53	6.41	6.61	6.56	6.25
percentage change(over previous month)				1.20	1.17	0.44
II. Fish	163.63	172.21	178.56	183.95	184.66	184.66
percentage change (Point to Point)	5.81	5.28	2.82	4.90	4.68	4.52
percentage change(over previous month)				0.14	0.39	0.00
2. Industry	163.59	171.69	180.18	188.98	190.93	192.32
percentage change (Point to Point)	5.52	4.96	4.94	6.55	6.58	6.76
percentage change(over previous month)				0.94	1.03	0.72
I. Construction	156.34	162.76	171.72	176.42	177.77	178.83
percentage change (Point to Point)	4.69	4.46	4.12	5.26	5.23	5.40
percentage change(over previous month)				1.00	0.77	0.60
II. Production	193.88	206.60	222.02	238.12	242.43	245.06
percentage change (Point to Point)	8.26	6.57	7.44	10.48	10.66	10.83
percentage change(over previous month)				0.78	1.81	1.09
3. Service	179.58	189.85	203.92	218.77	221.74	223.29
percentage change (Point to Point)	7.25	5.74	7.37	9.19	9.58	9.03
percentage change(over previous month)				1.14	1.36	0.70

**Figure: 2.11**



**Figure: 2.12**

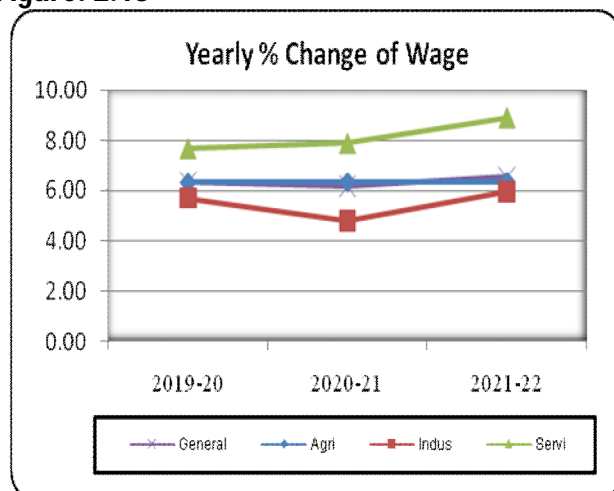




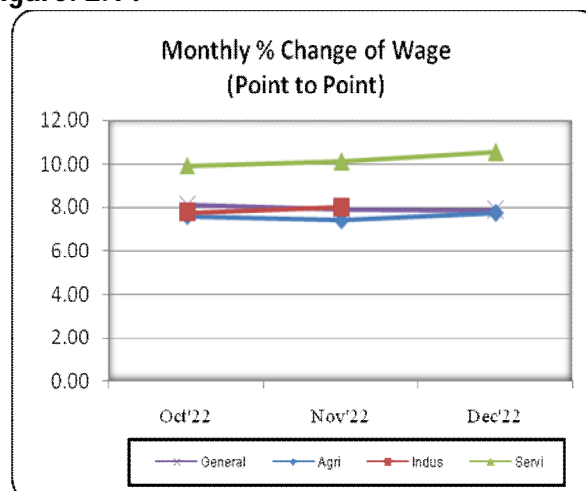
**Table: 2.7 Wage Rate Index by Sectors: Barishal Division**

Sector	2019-20	2020-21	2021-22	Oct'22	Nov'22	Dec'22
1	2	3	4	5	6	7
General	170.64	181.09	193.01	204.54	206.90	208.63
percentage change (Point to Point)	6.34	6.16	6.57	7.93	7.88	8.12
percentage change (over previous month)				0.94	1.15	0.84
1. Agriculture	173.93	184.87	196.65	207.91	210.21	211.99
percentage change (Point to Point)	6.33	6.35	6.37	7.61	7.42	7.75
percentage change (over previous month)				0.86	1.10	0.85
I. Agriculture	173.94	184.93	197.05	208.48	210.87	212.73
percentage change (Point to Point)	6.44	6.38	6.55	7.71	7.56	7.91
percentage change (over previous month)				0.89	1.14	0.88
II. Fish	173.79	183.68	188.66	196.56	197.08	197.22
percentage change (Point to Point)	4.07	5.74	2.75	5.62	4.51	4.38
percentage change (over previous month)				0.36	0.27	0.07
2. Industry	159.80	167.46	177.49	188.11	190.10	191.83
percentage change (Point to Point)	5.71	4.81	5.96	7.77	8.01	7.89
percentage change (over previous month)				1.19	1.06	0.91
I. Construction	154.50	161.24	170.99	181.15	182.90	184.56
percentage change (Point to Point)	5.41	4.38	6.02	7.66	7.77	7.68
percentage change (over previous month)				1.14	0.97	0.91
II. Production	186.47	198.76	210.17	223.09	226.33	228.39
percentage change (Point to Point)	7.00	6.58	5.74	8.24	8.98	8.76
percentage change (over previous month)				1.38	1.45	0.91
3. Service	176.23	190.10	207.07	222.14	225.67	227.16
percentage change (Point to Point)	7.69	7.89	8.91	9.94	10.16	10.58
percentage change (over previous month)				0.89	1.59	0.66

**Figure: 2.13**



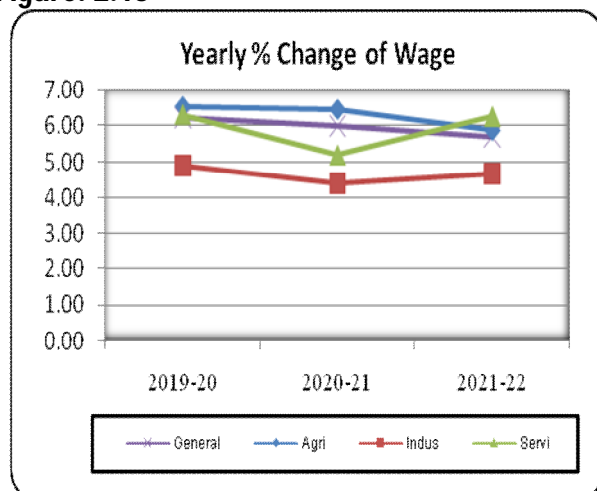
**Figure: 2.14**



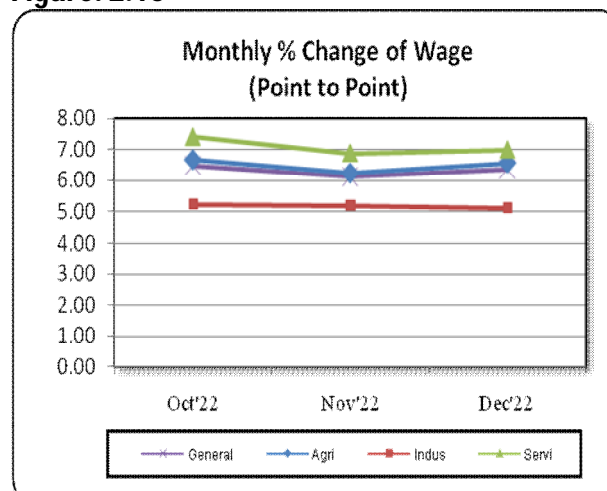
**Table: 2.8 Wage Rate Index by Sectors: Sylhet Division**

Sector	2019-20	2020-21	2021-22	Oct'22	Nov'22	Dec'22
1	2	3	4	5	6	7
General	169.87	180.00	190.36	199.78	201.23	202.90
percentage change (Point to Point)	6.25	6.01	5.70	6.49	6.12	6.36
percentage change (over previous month)				0.88	0.73	0.83
1. Agriculture	169.38	180.33	190.93	200.58	202.10	204.08
percentage change (Point to Point)	6.55	6.47	5.87	6.67	6.24	6.57
percentage change (over previous month)				0.99	0.75	0.98
I. Agriculture	169.33	180.36	191.05	200.76	202.29	204.29
percentage change (Point to Point)	6.59	6.51	5.93	6.71	6.28	6.61
percentage change (over previous month)				1.00	0.76	0.99
II. Fish	172.45	178.97	183.49	189.34	189.70	191.16
percentage change (Point to Point)	4.76	3.79	2.53	3.96	3.61	4.27
percentage change (over previous month)				0.35	0.19	0.77
2. Industry	168.67	176.11	184.34	191.71	193.03	196.77
percentage change (Point to Point)	4.90	4.41	4.67	5.24	5.21	5.12
percentage change (over previous month)				0.61	0.68	0.38
I. Construction	166.70	173.62	181.68	188.66	189.57	190.24
percentage change (Point to Point)	4.45	4.15	4.64	5.04	4.78	4.66
percentage change (over previous month)				0.56	0.48	0.35
II. Production	182.24	193.26	202.67	212.76	216.84	218.08
percentage change (Point to Point)	7.64	6.04	4.87	6.50	7.87	8.00
percentage change (over previous month)				0.93	1.92	0.57
3. Service	177.26	186.46	198.17	209.78	211.00	211.60
percentage change (Point to Point)	6.33	5.19	6.28	7.41	6.88	6.99
percentage change (over previous month)				0.46	0.58	0.28

**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:***

1. Monthly Release on Consumer Price Index (1974-2020), Published by Bangladesh Bureau of Statistics (BBS), Statistics and Informatics Division, Ministry of Planning.
2. National Accounts Statistics (Provisional Estimates of GDP, 2019-20 and Final Estimates of GDP, 2018-19), Published by Bangladesh Bureau of Statistics (BBS), Statistics and Informatics Division, Ministry of Planning.
3. Quarterly Wage Rate Survey (Wage Rate and Earnings of Non-Farm Workers): September 2008, Published by Bangladesh Bureau of Statistics (BBS), Ministry of Planning.
4. Sources and Methods of Indices (National Accounts Deflators): June 1997, Published by Bangladesh Bureau of Statistics (BBS), Ministry of Planning.
5. Twenty Years of National Accounting of Bangladesh (1972-92), July 1993, Published by Bangladesh Bureau of Statistics (BBS), Ministry of Planning.

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