

BUILDING CONSTRUCTION COST INDEX JAIPUR CENTRE

(2016 TO 2024)



**DIRECTORATE OF ECONOMICS & STATISTICS,
PLANNING DEPARTMENT, RAJASTHAN, JAIPUR**



Government of Rajasthan

**BUILDING CONSTRUCTION COST
INDEX OF JAIPUR CENTRE
(2016 TO 2024)
OF
RAJASTHAN**

**Directorate of Economics & Statistics,
Department of Planning, Rajasthan, Jaipur**



**Director and Joint Secretary
Directorate of Economics and Statistics
Department of Planning**

PREFACE

The Cost of Construction of residential houses has undergone a tremendous change during the past decades. The Directorate of Economics and Statistics is regularly computing Indices for Construction of Residential house building for Jaipur Centre with the base 1971=100. The publication gives annual and quarterly average Indices of Prices of Building Material and Wages of Labour engaged in construction of houses, besides General Cost of Construction Index from 2016 to 2024. An attempt has been made to incorporate the changes in index number of prices during these years, so that a view of changes reflected from 2016 to 2024 could be taken. Percentage variation over previous year and average increase in Indices per year have also been worked out and included in the report.

The methodology for the weighting diagram used in the computation of indices, along with the proforma for collecting prices of building materials and wage rates for different categories of labor, also forms part of the report. It is hoped that the report will be useful in studying the changes in the cost of construction of houses in Jaipur. Any suggestions for improvement are welcome.

Jaipur
May, 2025

(vinesh singhvi)

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Index Numbers of Building Construction Cost, Jaipur center

Introduction

The objective of preparing index numbers for the cost of construction of houses is to measure the relative changes in the value of constructing a house of the same type and size at a specific location over different points in time. This is particularly important as there has been a continuous rise in construction costs in recent years. The cost of building construction depends on two main factors: the cost of materials used and the cost of labor employed. The Directorate of Economics & Statistics has been collecting and compiling data on the prices of building materials and wages of construction labour on a quarterly basis since 1971. This report aims to analyze the trends in the prices of building materials and wages of construction labor for the Jaipur center from 2016 to 2024, using 1971 = 100 as the base year. The analysis specifically focuses on the low-income group houses constructed by the Rajasthan Housing Board in Jaipur.

Collection of prices

The price data have been collected from an official source (Office of the Deputy Director, Economics & Statistics, Jaipur) on a quarterly basis. These prices reflect the amounts actually paid by the builder for specific qualities of material and labour.

Choice of base year

In the existing building construction cost index, the year 1971 has been selected as the base year. This year was chosen because it was considered a normal year in terms of construction activities and price trends for building materials and labour.

Weighting Systems

In the existing series (base 1971 = 100), weights have been assigned based on the proportion of expenditure incurred on each item of building material and labor relative to the total cost of constructing a residential house on a 20' x 50' plot (a two-room low-income group house) built by the Rajasthan Housing Board in Jaipur in 1971. The derived weighting diagram is shown below, with 61.04% of the weight assigned to building materials and 38.96% to labour.

Weighting diagram used for the Construction of Building Cost Indices for Jaipur.

	(A) Building Material	61.04
1.	Bricks	0.86
2.	Sand	7.36
3.	Stone Ballast	8.66
4.	Lime	12.12
5.	Timber	4.76
6.	Cement	4.33
7.	STEEL	4.33
8.	Stone Slabs, Asbestos Cement Sheets & Tiles	8.22
9.	Paint & Varnish	0.87
10.	Sheet Glass	0.87
11.	Sanitary Wares	8.66
	(B) INDEX FOR LABOUR	38.96
	1. Mason	19.05
	2. Carpenter	1.73
	3. Un- Skilled Labour	18.18
	TOTAL (A+B)	100.00

Methodology of construction of the Index

The weighted arithmetic average method (Laspeyre's fixed base) is used to compute the index for each variety of material/labor. The price relative is calculated by dividing the current price rate by the corresponding base period price rate. The weighted arithmetic average of the price relatives of the varieties is then taken as the material/labor index. The weighted arithmetic average of these material price indices and labor wage indices gives the general building construction cost index.

Symbolically

$$P_j = P_{ij} / P_{oj}$$

Where P_{ij} = price at time i of commodity j

P_{oj} = price at time o of commodity j

P_j = price relative for commodity j

$$I_g = \frac{\sum_j W_{gj} P_j}{\sum_j W_{gj}}$$

W_{gj} = Weight for commodity j of the group G

I_g = Group index i.e index for building material/labour

$$I_b = \frac{\sum_g W_g I_g}{\sum_g W_g}$$

Where $W_g = \sum_j W_{gj}$

$\sum_g W_g = 100$ (Total Weights)

and I_b = General building construction cost index.

The indices are currently calculated on a quarterly basis and are then converted into an annual index by simply averaging the quarterly index numbers.

Review

The index numbers for the prices of building materials and wages of building construction labour have been prepared for the Jaipur Centre, with 1971 = 100 as the base year, for the items of building materials and labour specified in the previously provided weighting diagram. The list of commodities, along with their specifications for which prices were collected, is provided in Appendix I. The categories of workers for which wage rates were collected are listed in Appendix II.

Analysis of data

Table No. 1 presents the index numbers for the cost of construction materials of a residential house for the period 2015 to 2024. It is observed from this table that, over the years, the prices of building materials have continuously risen. The highest increase in building material prices was recorded in 2018 (20.28%), followed by 2024 (5.24%) and 2017 (4.39%). The lowest increase, a negative change of -4.97%, occurred in 2020 compared to 2019.

Table No. 2 shows the index numbers for wages of construction labor for the period 2016 to 2024. It is evident from this table that the index numbers for labor wages have also risen steadily, though not uniformly. The highest annual increase of 11.69% was recorded in 2022 compared to 2021, followed by 2019 (11.24%) and 2009 (6.38%). The lowest increase, 1.42%, was recorded in 2023 compared to 2022.

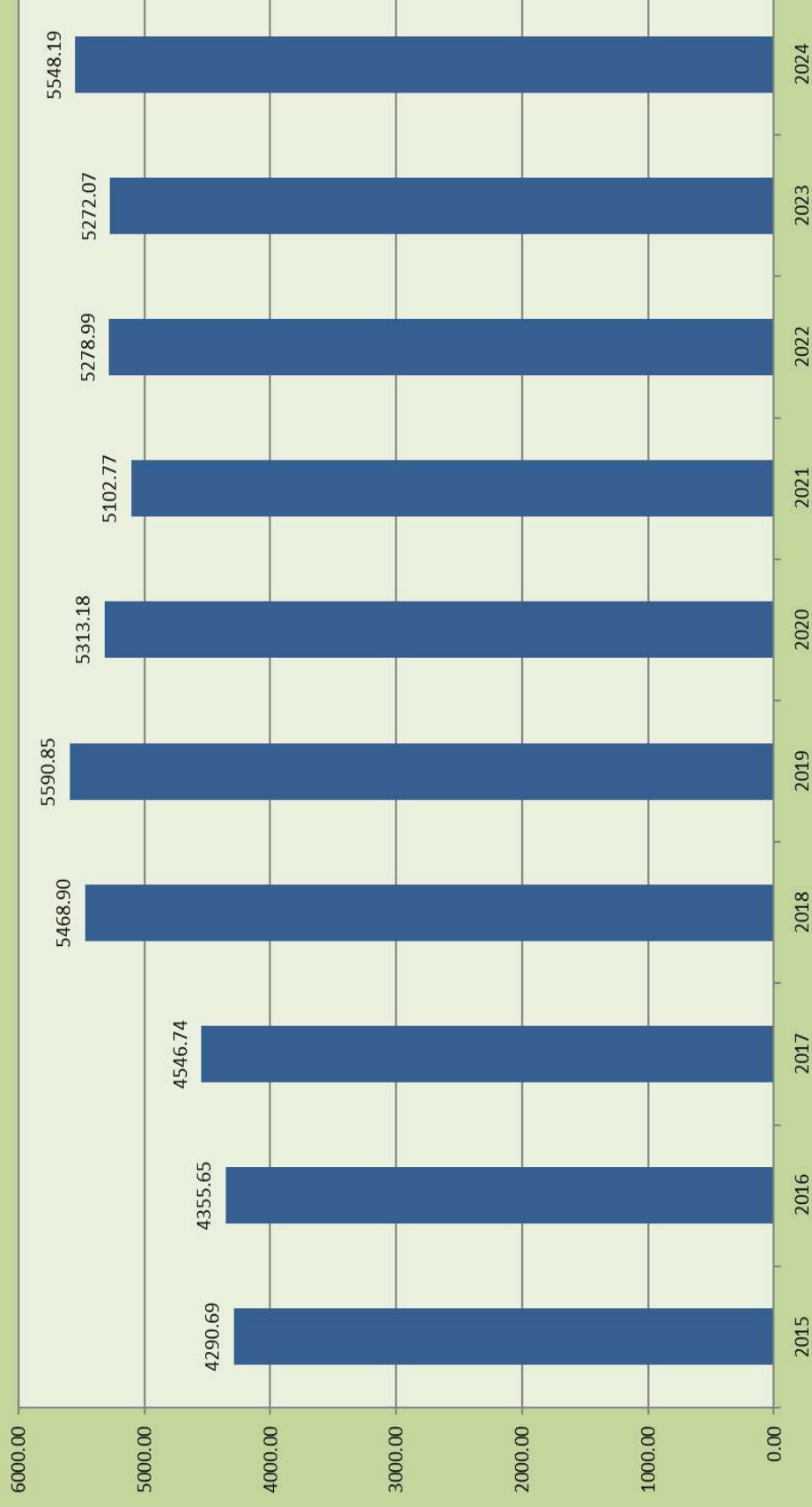
Table No. 3 (combining the data from Table No. 1 and Table No. 2) presents the index numbers for the total building construction cost, including both materials and labor. It is observed from this table that the index numbers for the cost of constructing houses in Jaipur city have consistently risen. The general index of the cost of construction has increased from 6,411.10 in 2016 to 8,536.44 in 2024. The lowest increase, a negative change of -0.39%, occurred in 2021 compared to the previous year, while the highest increase of 8.62% was recorded in 2018, followed by 8.22% in 2022 and 7.00% in 2019.

**INDEX NUMBERS OF COST OF BUILDING MATERIAL FOR JAIPUR CENTRE AND
ITS VARIATION OVER PRECEDING YEAR**

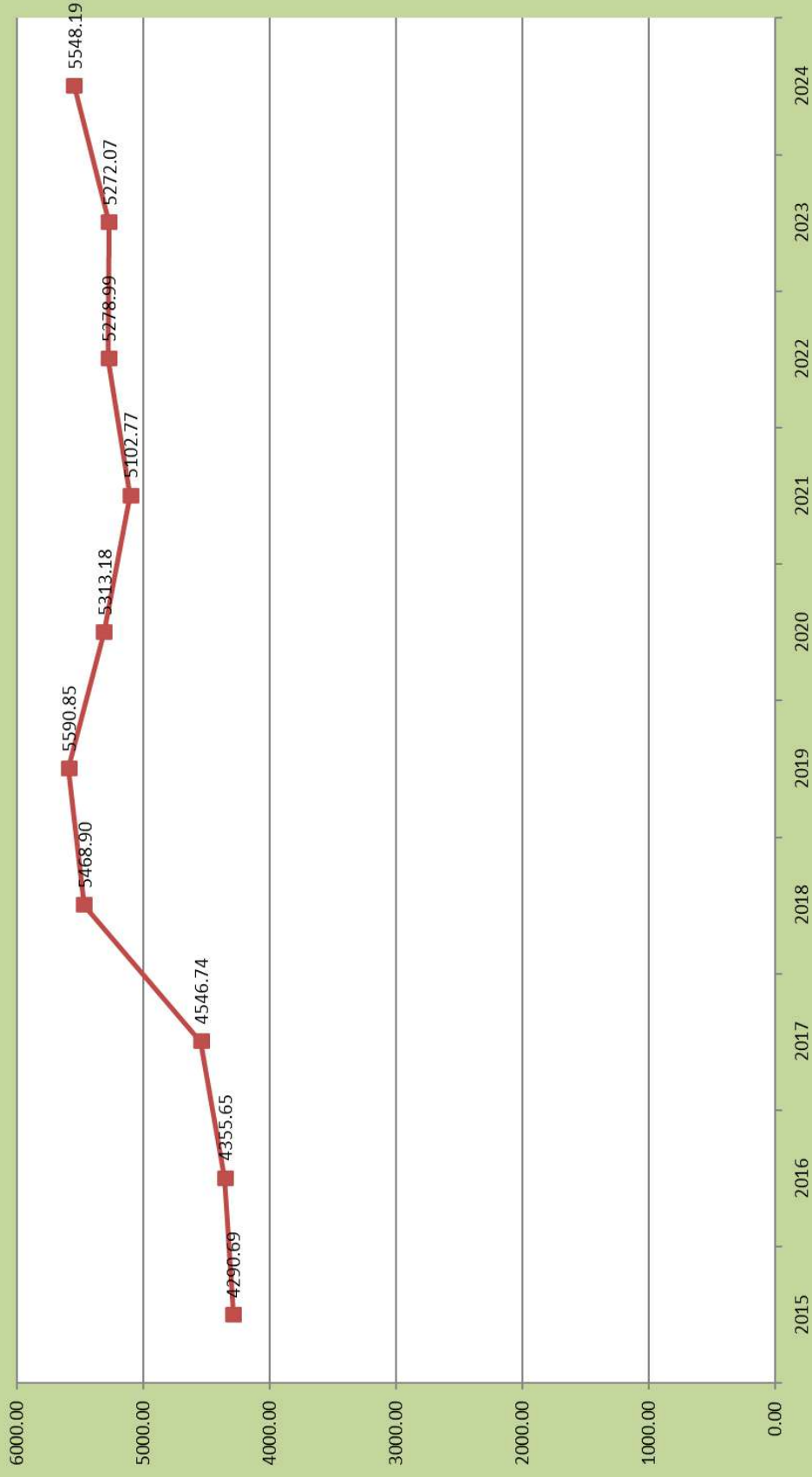
BASE (1971=100)

S. No.	YEAR	INDEX NUMBERS OF COST OF BUILDING MATERIAL INDEX	PERCENTAGE VARIATION OVER PRECEDING YEAR
1	2015	4290.69	
2	2016	4355.65	1.51
3	2017	4546.74	4.39
4	2018	5468.90	20.28
5	2019	5590.85	2.23
6	2020	5313.18	-4.97
7	2021	5102.77	-3.96
8	2022	5278.99	3.45
9	2023	5272.07	-0.13
10	2024	5548.19	5.24

COST OF BUILDING MATERIAL INDEX FOR JAIPUR CENTER **BASE 1971=100**



COST OF BUILDING MATERIAL INDEX FOR JAIPUR CENTER BASE 1971=100

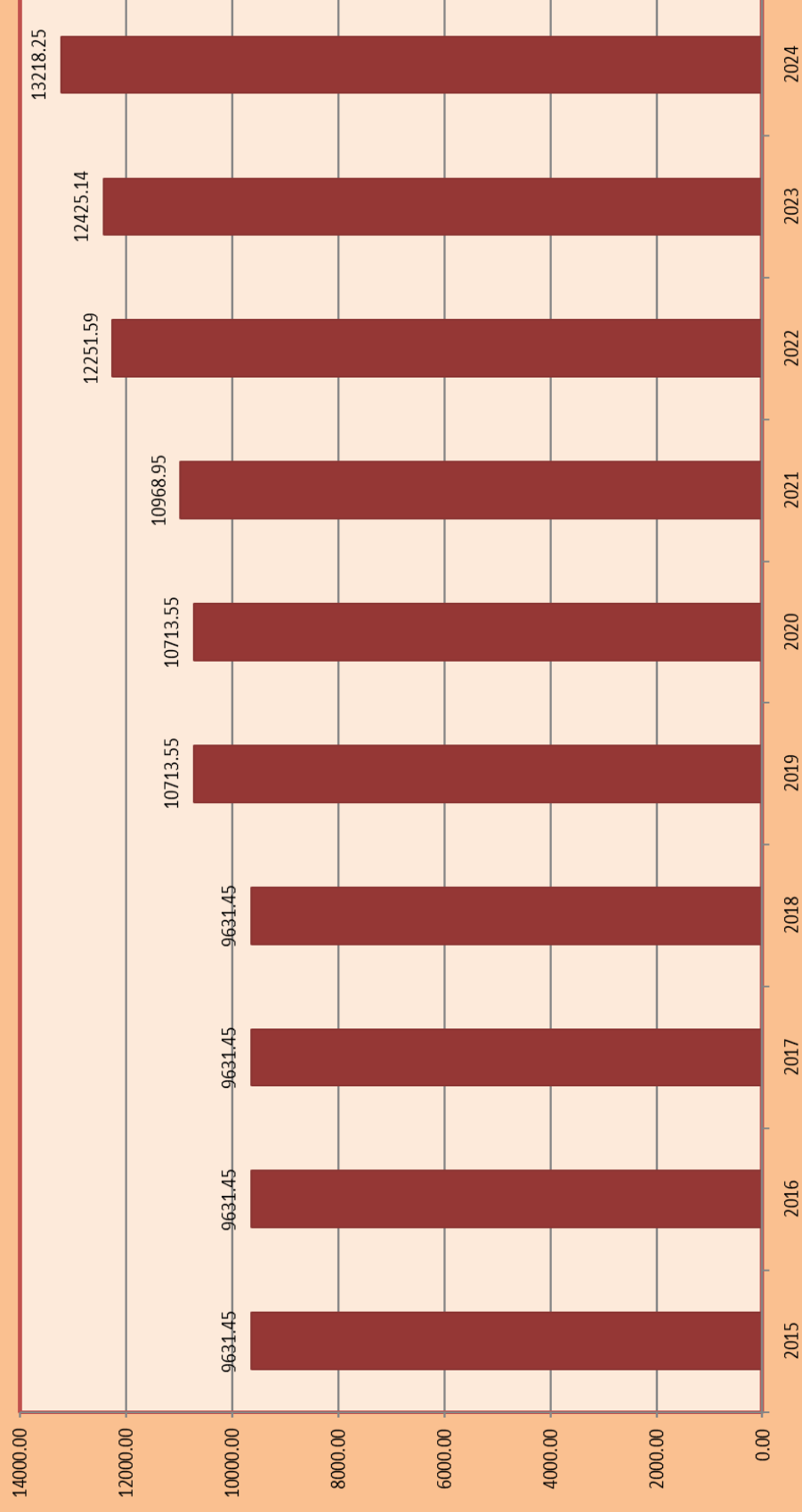


**INDEX NUMBERS OF WAGES OF COSTRUCTION LABOUR FOR JAIPUR
CENTRE AND ITS VARIATION OVER PRECEDING YEAR**

BASE (1971=100)

S. No.	YEAR	INDEX NUMBERS OF COST OF BUILDING MATERIAL INDEX	PERCENTAGE VARIATION OVER PRECEDING YEAR
1	2015	9631.45	
2	2016	9631.45	0.00
3	2017	9631.45	0.00
4	2018	9631.45	0.00
5	2019	10713.55	11.24
6	2020	10713.55	0.00
7	2021	10968.95	2.38
8	2022	12251.59	11.69
9	2023	12425.14	1.42
10	2024	13218.25	6.38

WAGES OF CONSTRUCTION LABOUR INDEX FOR JAIPUR CENTRE BASE 1971=100



WAGES OF CONSTRUCTION LABOUR INDEX FOR JAIPUR CENTRE

BASE 1971=100



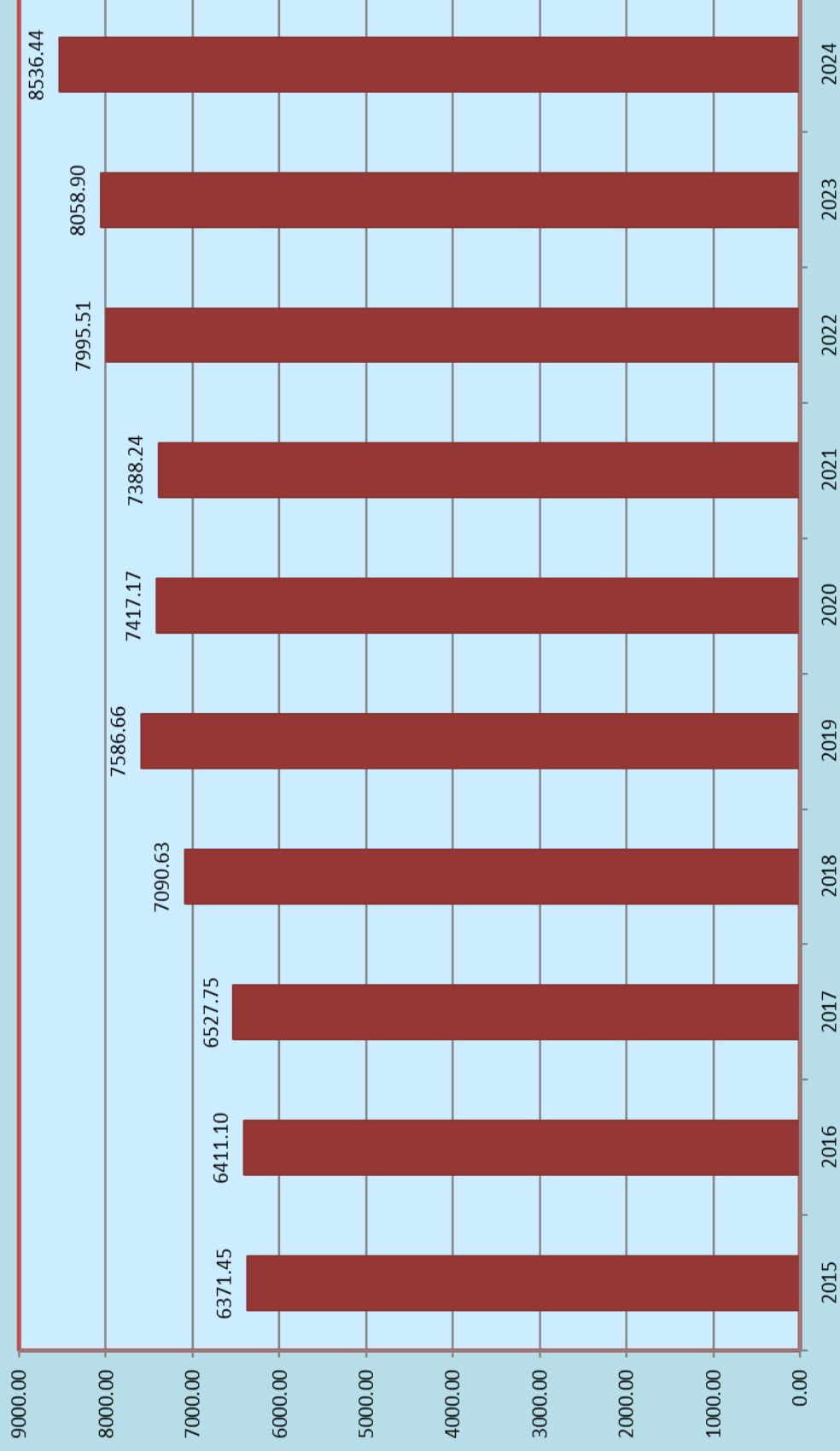
**INDEX NUMBERS OF GENERAL COST OF CONSTRUCTION FOR JAIPUR CENTRE
AND ITS VARIATION OVER PRECEDING YEAR**

BASE (1971=100)

S. No.	YEAR	INDEX NUMBERS OF COST OF BUILDING MATERIAL INDEX	PERCENTAGE VARIATION OVER PRECEDING YEAR
1	2015	6371.45	
2	2016	6411.10	0.62
3	2017	6527.75	1.82
4	2018	7090.63	8.62
5	2019	7586.66	7.00
6	2020	7417.17	-2.23
7	2021	7388.24	-0.39
8	2022	7995.51	8.22
9	2023	8058.90	0.79
10	2024	8536.44	5.93

GENERAL COST OF CONSTRUCTION INDEX FOR JAIPUR CENTRE

BASE 1971=100



GENERAL COST OF CONSTRUCTION INDEX FOR JAIPUR CENTRE

BASE 1971=100



BUILDING MATERIAL AND LABOUR INDEX FOR JAIPUR CENTRE			
			BASE (1971 = 100)
ITEM / QUARTER	BUILDING MATERIAL INDEX	INDEX OF LABOUR	GENERAL INDEX
Mar-16	4243.82	9631.45	6342.84
Jun-16	4320.92	9631.45	6389.91
Sep-16	4416.67	9631.45	6448.35
Dec-16	4441.18	9631.45	6463.31
AVERAGE	4355.65	9631.45	6411.10
Mar-17	4315.17	9631.45	6386.40
Jun-17	4276.26	9631.45	6362.65
Sep-17	4337.06	9631.45	6399.76
Dec-17	5258.48	9631.45	6962.19
AVERAGE	4546.74	9631.45	6527.75
Mar-18	5539.47	9631.45	7133.71
Jun-18	5485.08	9631.45	7100.51
Sep-18	5455.94	9631.45	7082.72
Dec-18	5395.11	9631.45	7045.59
AVERAGE	5468.90	9631.45	7090.63
Mar-19	5557.53	10713.55	7566.31
Jun-19	5594.00	10713.55	7588.58
Sep-19	5578.65	10713.55	7579.21
Dec-19	5633.23	10713.55	7612.52
AVERAGE	5590.85	10713.55	7586.66
Mar-20	5677.49	10713.55	7639.54
Jun-20	5270.96	10713.55	7391.40
Sep-20	5150.56	10713.55	7317.90
Dec-20	5153.70	10713.55	7319.82
AVERAGE	5313.18	10713.55	7417.17

BUILDING MATERIAL AND LABOUR INDEX FOR JAIPUR CENTRE			
			BASE (1971 = 100)
ITEM / QUARTER	BUILDING MATERIAL INDEX	INDEX OF LABOUR	GENERAL INDEX
Mar-21	5084.09	10713.55	7277.33
Jun-21	5063.19	10713.55	7264.57
Sep-21	5018.13	10713.55	7237.07
Dec-21	5245.68	11735.15	7773.98
AVERAGE	5102.77	10968.95	7388.24
Mar-22	5381.75	11735.15	7857.04
Jun-22	5317.84	12423.73	8086.29
Sep-22	5249.57	12423.73	8044.62
Dec-22	5166.78	12423.73	7994.09
AVERAGE	5278.99	12251.59	7995.51
Mar-23	5152.02	12423.73	7985.08
Jun-23	5157.58	12423.73	7988.47
Sep-23	5377.48	12423.73	8122.69
Dec-23	5401.19	12429.37	8139.37
AVERAGE	5272.07	12425.14	8058.90
Mar-24	5476.77	12429.37	8185.50
Jun-24	5493.11	13481.21	8605.27
Sep-24	5610.78	13481.21	8677.10
Dec-24	5612.08	13481.21	8677.89
AVERAGE	5548.19	13218.25	8536.44

INDEX OF BUILDING CONSTRUCTION COST							
BASE YEAR 1971=100							
CENTRE - JAIPUR							
YEAR 2015							
S. N	Item	WEIGHT	QUARTER				Average
A.	BUILDING MATERIAL		Mar-15	Jun-15	Sep-15	Dec-15	
1	Bricks	0.86	6001.22	6137.73	6137.73	5851.04	6031.93
2	Sand	7.36	4777.40	5865.34	6022.55	5854.47	5629.94
3	Stone Ballast	8.66	5354.25	4850.79	4850.79	4850.79	4976.66
4	Lime	12.12	6538.46	6730.77	6730.77	6730.77	6682.69
5	Timber	4.76	7464.40	7464.40	7438.89	7294.37	7415.52
6	Cement	4.33	2351.10	2115.99	2037.62	1880.88	2096.40
7	STEEL	4.33	2370.13	2290.68	2147.64	2094.52	2225.74
8	SLABS SHEET, TILES	8.22	1464.84	1475.77	1481.47	1481.47	1475.89
9	PAINT & VARNISH	0.87	3836.56	3609.80	3609.80	3609.80	3666.49
10	SHEET GLASS	0.87	1748.15	1748.15	1748.15	1748.15	1748.15
11	Sanatory Wares	8.66	2347.83	2347.83	2347.83	2347.83	2347.83
INDEX OF BUILDING MATERIAL		61.04	4245.45	4321.23	4323.26	4272.80	4290.69
B.	LABOUR						
	1. Manson	19.05	8490.62	8490.62	8490.62	8490.62	8490.62
	2. Carpenter	1.73	8490.62	8490.62	8490.62	8490.62	8490.62
	3. Un- Skiled Labour	18.18	10935.44	10935.44	10935.44	10935.44	10935.44
	(A) MALE		9696.97	9696.97	9696.97	9696.97	9696.97
	(B) FEMALE		12173.91	12173.91	12173.91	12173.91	12173.91
INDEX OF LABOUR		38.96	9631.45	9631.45	9631.45	9631.45	9631.45
GENERAL INDEX		100.00	6343.83	6390.09	6391.33	6360.53	6371.45

INDEX OF BUILDING CONSTRUCTION COST							
BASE YEAR 1971=100							
CENTRE - JAIPUR							
YEAR 2016							
S. N	Item	WEIGHT	QUARTER				Average
A.	BUILDING MATERIAL		Mar-16	Jun-16	Sep-16	Dec-16	
1	Bricks	0.86	5851.04	5752.14	5752.14	5670.57	5756.47
2	Sand	7.36	5467.30	5959.31	6160.71	6435.84	6005.79
3	Stone Ballast	8.66	4850.79	4850.79	4967.69	4737.75	4851.76
4	Lime	12.12	6730.77	6730.77	6923.08	7243.59	6907.05
5	Timber	4.76	7294.37	7294.37	7294.37	6937.30	7205.10
6	Cement	4.33	2155.17	2194.36	2429.47	2311.91	2272.73
7	STEEL	4.33	2069.86	2081.15	2081.29	2050.85	2070.79
8	SLABS SHEET, TILES	8.22	1481.47	1490.86	1490.86	1490.86	1488.51
9	PAINT & VARNISH	0.87	3609.80	3667.88	3667.88	3654.56	3650.03
10	SHEET GLASS	0.87	1748.15	1748.15	1748.15	1748.15	1748.15
11	Sanatory Wares	8.66	2347.83	2442.97	2442.97	2442.97	2419.19
INDEX OF BUILDING MATERIAL		61.04	4243.82	4320.92	4416.67	4441.18	4355.65
B.	LABOUR						
	1. Manson	19.05	8490.62	8490.62	8490.62	8490.62	8490.62
	2. Carpenter	1.73	8490.62	8490.62	8490.62	8490.62	8490.62
	3. Un- Skiled Labour	18.18	10935.44	10935.44	10935.44	10935.44	10935.44
	(A) MALE		9696.97	9696.97	9696.97	9696.97	9696.97
	(B) FEMALE		12173.91	12173.91	12173.91	12173.91	12173.91
INDEX OF LABOUR		38.96	9631.45	9631.45	9631.45	9631.45	9631.45
GENERAL INDEX		100.00	6342.84	6389.91	6448.35	6463.31	6411.10

INDEX OF BUILDING CONSTRUCTION COST							
BASE YEAR 1971=100							
CENTRE - JAIPUR							
YEAR 2017							
S. N	Item	WEIGHT	QUARTER				Average
A.	BUILDING MATERIAL		Mar-17	Jun-17	Sep-17	Dec-17	
1	Bricks	0.86	5635.04	5875.70	6699.15	6743.59	6238.37
2	Sand	7.36	6263.46	6509.57	6782.34	14423.05	8494.61
3	Stone Ballast	8.66	4535.33	4642.51	4859.76	4859.76	4724.34
4	Lime	12.12	6923.08	6602.56	6410.26	6410.26	6586.54
5	Timber	4.76	6597.24	6265.67	6571.73	6571.73	6501.59
6	Cement	4.33	2351.10	2351.10	2351.10	2272.73	2331.51
7	STEEL	4.33	2112.64	2145.23	2130.20	2201.49	2147.39
8	SLABS SHEET, TILES	8.22	1539.19	1539.19	1545.66	1545.66	1542.43
9	PAINT & VARNISH	0.87	3659.47	3659.47	3659.47	3659.47	3659.47
10	SHEET GLASS	0.87	1777.78	1777.78	1777.78	1777.78	1777.78
11	Sanatory Wares	8.66	2442.97	2442.97	2442.97	2442.97	2442.97
INDEX OF BUILDING MATERIAL		61.04	4315.17	4276.26	4337.06	5258.48	4546.74
B.	LABOUR						
	1. Manson	19.05	8490.62	8490.62	8490.62	8490.62	8490.62
	2. Carpenter	1.73	8490.62	8490.62	8490.62	8490.62	8490.62
	3. Un- Skiled Labour	18.18	10935.44	10935.44	10935.44	10935.44	10935.44
	(A) MALE		9696.97	9696.97	9696.97	9696.97	9696.97
	(B) FEMALE		12173.91	12173.91	12173.91	12173.91	12173.91
INDEX OF LABOUR		38.96	9631.45	9631.45	9631.45	9631.45	9631.45
GENERAL INDEX		100.00	6386.40	6362.65	6399.76	6962.19	6527.75

INDEX OF BUILDING CONSTRUCTION COST							
BASE YEAR 1971=100							
CENTRE - JAIPUR							
YEAR 2018							
S. N	Item	WEIGHT	QUARTER				Average
A.	BUILDING MATERIAL		Mar-18	Jun-18	Sep-18	Dec-18	
1	Bricks	0.86	6760.93	6849.82	6867.16	7181.32	6914.81
2	Sand	7.36	16884.14	16884.14	16258.59	15621.27	16412.04
3	Stone Ballast	8.66	4905.07	4673.02	4875.45	5107.50	4890.26
4	Lime	12.12	6410.26	6410.26	6410.26	6410.26	6410.26
5	Timber	4.76	6248.67	5951.12	6206.16	5908.61	6078.64
6	Cement	4.33	2194.36	2115.99	2115.99	2115.99	2135.58
7	STEEL	4.33	2322.34	2407.52	2412.14	2466.81	2402.20
8	SLABS SHEET, TILES	8.22	1545.66	1545.66	1551.37	1551.37	1548.52
9	PAINT & VARNISH	0.87	3642.04	3642.04	3642.04	3501.49	3606.90
10	SHEET GLASS	0.87	1777.78	1777.78	1777.78	1777.78	1777.78
11	Sanatory Wares	8.66	2442.97	2442.97	2417.11	2417.11	2430.04
INDEX OF BUILDING MATERIAL		61.04	5539.47	5485.08	5455.94	5395.11	5468.90
B.	LABOUR						
	1. Manson	19.05	8490.62	8490.62	8490.62	8490.62	8490.62
	2. Carpenter	1.73	8490.62	8490.62	8490.62	8490.62	8490.62
	3. Un- Skiled Labour	18.18	10935.44	10935.44	10935.44	10935.44	10935.44
	(A) MALE		9696.97	9696.97	9696.97	9696.97	9696.97
	(B) FEMALE		12173.91	12173.91	12173.91	12173.91	12173.91
INDEX OF LABOUR		38.96	9631.45	9631.45	9631.45	9631.45	9631.45
GENERAL INDEX		100.00	7133.71	7100.51	7082.72	7045.59	7090.63

INDEX OF BUILDING CONSTRUCTION COST							
BASE YEAR 1971=100							
CENTRE - JAIPUR							
YEAR 2019							
S. N	Item	WEIGHT	QUARTER				Average
A.	BUILDING MATERIAL		Mar-19	Jun-19	Sep-19	Dec-19	
1	Bricks	0.86	7256.41	8258.85	8442.98	8586.33	8136.14
2	Sand	7.36	16884.14	16884.14	16884.14	16884.14	16884.14
3	Stone Ballast	8.66	5056.71	5172.74	5172.74	5404.79	5201.75
4	Lime	12.12	6410.26	6410.26	6410.26	6410.26	6410.26
5	Timber	4.76	5738.58	5577.05	5441.02	5483.53	5560.05
6	Cement	4.33	2115.99	2351.10	2429.47	2586.21	2370.69
7	STEEL	4.33	2568.04	2476.23	2294.46	2356.65	2423.85
8	SLABS SHEET, TILES	8.22	1582.70	1599.77	1599.77	1599.77	1595.50
9	PAINT & VARNISH	0.87	3616.60	3616.60	3616.60	3588.63	3609.61
10	SHEET GLASS	0.87	1777.78	1777.78	1777.78	1777.78	1777.78
11	Sanatory Wares	8.66	2533.50	2575.92	2575.92	2584.27	2567.40
INDEX OF BUILDING MATERIAL		61.04	5557.53	5594.00	5578.65	5633.23	5590.85
B.	LABOUR						
	1. Manson	19.05	9171.72	9171.72	9171.72	9171.72	9171.72
	2. Carpenter	1.73	9852.82	9852.82	9852.82	9852.82	9852.82
	3. Un- Skiled Labour	18.18	12411.07	12411.07	12411.07	12411.07	12411.07
	(A) MALE		10909.09	10909.09	10909.09	10909.09	10909.09
	(B) FEMALE		13913.04	13913.04	13913.04	13913.04	13913.04
INDEX OF LABOUR		38.96	10713.55	10713.55	10713.55	10713.55	10713.55
GENERAL INDEX		100.00	7566.32	7588.58	7579.21	7612.52	7586.66

INDEX OF BUILDING CONSTRUCTION COST							
BASE YEAR 1971=100							
CENTRE - JAIPUR							
YEAR 2020							
S. N	Item	WEIGHT	QUARTER				Average
A.	BUILDING MATERIAL		Mar-20	Jun-20	Sep-20	Dec-20	
1	Bricks	0.86	8679.98	8302.81	8302.81	8255.19	8385.20
2	Sand	7.36	17118.48	13503.27	12518.83	12385.50	13881.52
3	Stone Ballast	8.66	5505.14	5456.58	5456.58	5535.01	5488.33
4	Lime	12.12	6410.26	6410.26	6410.26	6410.26	6410.26
5	Timber	4.76	5483.53	5653.56	5636.56	5636.56	5602.55
6	Cement	4.33	2586.21	2821.32	2821.32	2821.32	2762.54
7	STEEL	4.33	2362.93	2404.62	2413.17	2520.03	2425.19
8	SLABS SHEET, TILES	8.22	1599.77	1615.54	1615.54	1617.16	1612.00
9	PAINT & VARNISH	0.87	3588.63	3588.63	3519.90	3519.90	3554.27
10	SHEET GLASS	0.87	1777.78	1777.78	1777.78	1777.78	1777.78
11	Sanatory Wares	8.66	2584.27	2630.60	2630.60	2637.34	2620.70
INDEX OF BUILDING MATERIAL		61.04	5677.49	5270.96	5150.56	5153.70	5313.18
B.	LABOUR						
	1. Manson	19.05	9171.72	9171.72	9171.72	9171.72	9171.72
	2. Carpenter	1.73	9852.82	9852.82	9852.82	9852.82	9852.82
	3. Un- Skiled Labour	18.18	12411.07	12411.07	12411.07	12411.07	12411.07
	(A) MALE		10909.09	10909.09	10909.09	10909.09	10909.09
	(B) FEMALE		13913.04	13913.04	13913.04	13913.04	13913.04
INDEX OF LABOUR		38.96	10713.55	10713.55	10713.55	10713.55	10713.55
GENERAL INDEX		100.00	7639.54	7391.40	7317.90	7319.82	7417.17

INDEX OF BUILDING CONSTRUCTION COST							
BASE YEAR 1971=100							
CENTRE - JAIPUR							
YEAR 2021							
S. N	Item	WEIGHT	QUARTER				Average
A.	BUILDING MATERIAL		Mar-21	Jun-21	Sep-21	Dec-21	
1	Bricks	0.86	8224.91	8412.70	8624.30	8641.27	8475.80
2	Sand	7.36	11401.07	10618.66	9914.68	9836.24	10442.66
3	Stone Ballast	8.66	5535.01	5535.01	5535.01	6036.72	5660.44
4	Lime	12.12	6410.26	6410.26	6410.26	6730.77	6490.39
5	Timber	4.76	5653.56	5951.12	5993.62	6801.28	6099.90
6	Cement	4.33	2860.50	2899.69	2821.32	2899.69	2870.30
7	STEEL	4.33	2964.07	3080.18	3184.69	3111.69	3085.16
8	SLABS SHEET, TILES	8.22	1655.07	1848.49	2030.62	2186.47	1930.16
9	PAINT & VARNISH	0.87	3387.96	3463.08	3445.66	3465.48	3440.55
10	SHEET GLASS	0.87	1777.78	1837.04	1837.04	1896.30	1837.04
11	Sanatory Wares	8.66	2712.70	2773.41	2825.52	2941.60	2813.31
INDEX OF BUILDING MATERIAL		61.04	5084.09	5063.19	5018.13	5245.68	5102.77
B.	LABOUR						
	1. Manson	19.05	9171.72	9171.72	9171.72	9852.82	9342.00
	2. Carpenter	1.73	9852.82	9852.82	9852.82	9852.82	9852.82
	3. Un- Skiled Labour	18.18	12411.07	12411.07	12411.07	13886.69	12779.98
	(A) MALE		10909.09	10909.09	10909.09	12121.21	11212.12
	(B) FEMALE		13913.04	13913.04	13913.04	15652.17	14347.82
INDEX OF LABOUR		38.96	10713.55	10713.55	10713.55	11735.15	10968.95
GENERAL INDEX		100.00	7277.33	7264.57	7237.07	7773.98	7388.24

INDEX OF BUILDING CONSTRUCTION COST							
BASE YEAR 1971=100							
CENTRE - JAIPUR							
YEAR 2022							
S. N	Item	WEIGHT	QUARTER				Average
A.	BUILDING MATERIAL		Mar-22	Jun-22	Sep-22	Dec-22	
1	Bricks	0.86	8760.81	8641.27	8474.11	8685.71	8640.48
2	Sand	7.36	9836.24	9523.47	9210.70	8718.48	9322.22
3	Stone Ballast	8.66	6326.80	6036.72	5788.98	5541.24	5923.44
4	Lime	12.12	6730.77	6730.77	6730.77	6730.77	6730.77
5	Timber	4.76	6971.31	7098.83	7226.35	7226.35	7130.71
6	Cement	4.33	3173.98	3056.43	2938.87	3017.24	3046.63
7	STEEL	4.33	3467.63	3387.49	3497.80	3406.41	3439.83
8	SLABS SHEET, TILES	8.22	2280.53	2316.48	2298.25	2330.59	2306.46
9	PAINT & VARNISH	0.87	3779.64	3921.80	4006.57	4108.79	3954.20
10	SHEET GLASS	0.87	1925.93	1955.56	1955.56	1955.56	1948.15
11	Sanatory Wares	8.66	3066.36	3160.99	3152.27	3179.37	3139.75
INDEX OF BUILDING MATERIAL		61.04	5381.75	5317.84	5249.57	5166.78	5278.99
B.	LABOUR						
	1. Manson	19.05	9852.82	9852.82	9852.82	9852.82	9852.82
	2. Carpenter	1.73	9852.82	9852.82	9852.82	9852.82	9852.82
	3. Un- Skiled Labour	18.18	13886.69	15362.32	15362.32	15362.32	14993.41
	(A) MALE		12121.21	13333.33	13333.33	13333.33	13030.30
	(B) FEMALE		15652.17	17391.30	17391.30	17391.30	16956.52
INDEX OF LABOUR		38.96	11735.15	12423.73	12423.73	12423.73	12251.59
GENERAL INDEX		100.00	7857.04	8086.29	8044.62	7994.09	7995.51

INDEX OF BUILDING CONSTRUCTION COST							
BASE YEAR 1971=100							
CENTRE - JAIPUR							
YEAR 2023							
S. N	Item	WEIGHT	QUARTER				Average
A.	BUILDING MATERIAL		Mar-23	Jun-23	Sep-23	Dec-23	
1	Bricks	0.86	8685.71	8879.85	9156.53	9156.53	8969.66
2	Sand	7.36	8718.48	8718.48	9390.14	9508.97	9084.02
3	Stone Ballast	8.66	5409.52	5409.52	5668.22	5668.22	5538.87
4	Lime	12.12	6730.77	6730.77	7051.28	7051.28	6891.03
5	Timber	4.76	7226.35	7226.35	7481.40	7481.40	7353.88
6	Cement	4.33	3056.43	3111.29	3213.17	3213.17	3148.52
7	STEEL	4.33	3422.55	3362.71	3333.93	3335.20	3363.60
8	SLABS SHEET, TILES	8.22	2330.59	2342.35	2416.64	2418.70	2377.07
9	PAINT & VARNISH	0.87	4108.79	4220.70	4220.70	4271.09	4205.32
10	SHEET GLASS	0.87	1955.56	1955.56	1925.93	1985.19	1955.56
11	Sanatory Wares	8.66	3179.37	3179.37	3179.37	3232.03	3192.54
INDEX OF BUILDING MATERIAL		61.04	5152.02	5157.58	5377.48	5401.19	5272.07
B.	LABOUR						
	1. Manson	19.05	9852.82	9852.82	9852.82	9852.82	9852.82
	2. Carpenter	1.73	9852.82	9852.82	9852.82	9979.80	9884.57
	3. Un- Skiled Labour	18.18	15362.32	15362.32	15362.32	15362.32	15362.32
	(A) MALE		13333.33	13333.33	13333.33	13333.33	13333.33
	(B) FEMALE		17391.30	17391.30	17391.30	17391.30	17391.30
INDEX OF LABOUR		38.96	12423.73	12423.73	12423.73	12429.37	12425.14
GENERAL INDEX		100.00	7985.08	7988.47	8122.69	8139.37	8058.90

INDEX OF BUILDING CONSTRUCTION COST							
BASE YEAR 1971=100							
CENTRE - JAIPUR							
YEAR 2024							
S. N	Item	WEIGHT	QUARTER				Average
A.	BUILDING MATERIAL		Mar-24	Jun-24	Sep-24	Dec-24	
1	Bricks	0.86	9156.53	9485.23	9713.80	9805.86	9540.36
2	Sand	7.36	10004.87	9794.91	10420.68	10420.68	10160.29
3	Stone Ballast	8.66	5668.22	5668.22	5958.29	5958.29	5813.26
4	Lime	12.12	7051.28	7051.28	7051.28	7051.28	7051.28
5	Timber	4.76	7481.40	8076.51	8331.56	8331.56	8055.26
6	Cement	4.33	3369.91	3238.64	2978.06	2978.06	3141.17
7	STEEL	4.33	3357.11	3357.11	3280.92	3191.64	3296.70
8	SLABS SHEET, TILES	8.22	2418.70	2418.70	2418.70	2418.70	2418.70
9	PAINT & VARNISH	0.87	4489.27	4472.51	4472.51	4472.51	4476.70
10	SHEET GLASS	0.87	1985.19	1985.19	2074.07	2074.07	2029.63
11	Sanatory Wares	8.66	3232.00	3233.19	3233.19	3233.19	3232.89
INDEX OF BUILDING MATERIAL		61.04	5476.77	5493.11	5610.78	5612.08	5548.19
B.	LABOUR						
	1. Manson	19.05	9852.82	10533.91	10533.91	10533.91	10363.64
	2. Carpenter	1.73	9979.80	10660.90	10660.90	10660.90	10490.63
	3. Un- Skiled Labour	18.18	15362.32	16837.94	16837.94	16837.94	16469.04
	(A) MALE		13333.33	14545.45	14545.45	14545.45	14242.42
	(B) FEMALE		17391.30	19130.43	19130.43	19130.43	18695.65
INDEX OF LABOUR		38.96	12429.37	13481.21	13481.21	13481.21	13218.25
GENERAL INDEX		100.00	8185.50	8605.27	8677.10	8677.89	8536.44

Appendix-I

List of commodities and their variation which are included in the Index of Prices of Building Material –

S.No.	Material with varieties	Unit
1.	<u>Bricks</u>	
	Thousand	
	1. first class	”
	2. Second class	”
	3. Third class	”
2.	<u>Sand</u>	CuMetre
	1. Coarse	”
	2. Medium	”
	3. Fine	”
3.	<u>Stone ballast</u>	Cu
Metre		
	1. 15 MM Guage	”
	2. 20 MM Guage	”
	3. 40 MM Guage	”
4.	<u>Lime</u>	Quintal
	1. Slaked	”
	2. Un Slaked	”
5.	<u>Timber</u>	Cu
Metre		
	1. C P Teak	”
	2. Burma Teak	”
	3. Deodar	”
	4. Kail	”
	5. Sal wood	”
	6. Pine	”
6. <u>Cement</u>		M Ton
7. <u>Steel</u>		M Ton
A. <u>M.S. Round Bars</u>		”
	1. 6 MM Diameter	”
	2. 10 MM Diameter	”
	3. 12 MM Diameter	”
	4. 16 MM Diameter	”
	5. 20 MM Diameter	”
	6. 25 MM Diameter	”

Ton	B. <u>M.S. Flat Iron</u>	M
	1. 30*12 MM Diameter	”
	2. 40*12 MM Diameter	”
	C. <u>Angle Iron</u>	M Ton
	1. 25*25*5 MM Diameter	”
	2. 40*40*6 MM Diameter	”
	3. 45*45*6 MM Diameter	”
	4. 50*50*6 MM Diameter	”
	5. 65*65*6 MM Diameter	”
	6. 75*75*6 MM Diameter	”
	D. <u>M.S. Sheets</u>	M Ton
	<u>I Plain</u>	”
	1. 1.00 MM Thickness	”
	2. 1.25 MM Thickness	”
	3. 1.60 MM Thickness	”
	<u>II Corrugated</u>	M Ton
	0.63 MM Thickness	”
	E. <u>M.S. Tees</u>	M Ton
	1. 40*40*6 MM Diameter	”
	2. 50*50*6 MM Diameter	”
	3. 60*60*6 MM Diameter	”
	4. 80*80*6 MM Diameter	”
	F. <u>M.S. Channels</u>	M Ton
	1. 150*75 MM Diameter	”
	2. 125*65 MM Diameter	”
	3. 200*75 MM Diameter	”
	G. <u>Girders</u>	M Ton
	1. 100*50 MM Diameter	”
	2. 125*75 MM Diameter	”
	3. 600*210 MM Diameter	”
	H. <u>Building Wire</u>	M Ton
	1. 10 Gauge	”
	2. 20 Gauge	”
	3. 30 Gauge	”

8. StoneSlabforFlooring
100Sq.Meter

9. Asbestos Cement Sheets
Ton

M

- | | |
|---------------|---|
| 1. Corrugated | ” |
| 2. Others | ” |

10. Tiles
Thousand

- | | |
|--------------------|---|
| 1. Country Tiles | ” |
| 2. Mangalore Tiles | ” |
| 3. Glazed Tiles | ” |

11. Paints & Varnishes

- | | |
|--|-------|
| 1. Special Paint for wood & steel work | Litre |
| 2. Varnish Paints | Kg. |
| 3. Copal Varnish | Litre |
| 4. Turpentine | Litre |
| 5. Distemper | 5 Kg |

12. Sheet Glass

Sq. Meter

13. Sanitary Wares

A. S. W. Pipes

Each

- | | |
|-------------------|---|
| 1. 100MM Diameter | ” |
| 2. 150MM Diameter | ” |

B. A. C. Pipes

Per

Meter

- | | |
|-------------------|---|
| 1. 100MM Diameter | ” |
| 2. 150MM Diameter | ” |

C. Sinks

Each

- | | |
|--|---|
| 1. White without Fittings
612*457*254 | ” |
| 2. White with Fittings
612*457*254 | ” |
-

Appendix-II

**Categories of Workers which are included in the
Index of Wages of Labour engaged in Construction of
Buildings-**

S.No.	Category of Workers
1.	Masons (First Class)
2.	Masons (Second Class)
3.	Carpenter (First Class)
4.	Carpenter (Second Class)
5.	Unskilled Workers (Male)
6.	Unskilled Workers(Female)
