

## **National Highways Construction Cost Index (NHCCI)**

**[Base: April, 2013=100]**

### **Review for the month of September, 2015**

Based on information received so far from the source agencies (concessionaire / contractor), National Highways Construction Cost Index (NHCCI) has been compiled and released till September 2015. These indices are being released experimentally by NHA inviting comments from users / experts / stakeholders.

Overall index for the month of September 2015 [with base April, 2013 = 100] stands at 107.7 compared to 107.8 in August 2015 and 107.7 in September 2014. It has remained same as in the same month in the previous year, but decreased by 0.09% over the previous month.

The indices of Material, Equipment and Labour for September 2015 stand at 105.5, 107.4 and 118.2 respectively, with the corresponding growth rates (-)1.77%, 3.17% and 3.41% over the same month in the previous year.

Trend of Group wise indices are as below:

[Base: Apr,2013 = 100]

	<b>Material</b>	<b>Equipment</b>	<b>Labour</b>	<b>Overall</b>
Weight	64.18	21.55	14.27	100.00
No. of items	33	24	3	60
No. of quotations	1072	796	156	2024
Apr-13	100.0	100.0	100.0	100.0
May-13	100.5	100.1	100.0	100.4
Jun-13	101.0	100.2	100.1	100.7
Jul-13	101.7	100.2	101.6	101.4
Aug-13	102.3	100.8	101.9	101.9
Sep-13	103.4	100.9	102.0	102.7
Oct-13	103.6	101.0	103.1	103.0
Nov-13	103.9	101.0	103.1	103.1
Dec-13	104.6	101.1	103.1	103.6
Jan-14	105.4	101.1	105.7	104.5
Feb-14	105.8	101.2	106.1	104.8
Mar-14	106.2	101.3	106.9	105.3
Apr-14	106.2	101.7	109.8	105.8
May-14	106.4	102.0	110.3	106.0
Jun-14	106.7	102.3	110.4	106.3
Jul-14	107.0	103.0	113.2	107.0
Aug-14	107.3	103.3	114.3	107.4
Sep-14	107.4	104.1	114.3	107.7
Oct-14	107.7	104.4	114.5	107.9
Nov-14	107.8	104.7	114.5	108.1
Dec-14	107.3	105.2	114.6	107.9
Jan-15	107.2	106.0	116.2	108.2
Feb-15	106.3	106.1	116.2	107.7
Mar-15	105.8	106.2	117.5	107.6
Apr-15	106.0	107.1	118.0	107.9
May-15	105.7	107.2	118.0	107.8

	Material	Equipment	Labour	Overall
Jun-15	105.7	107.2	118.0	107.7
Jul-15	105.8	107.2	118.3	107.9
Aug-15	105.6	107.3	118.2	107.8
Sep-15	105.5	107.4	118.2	107.7

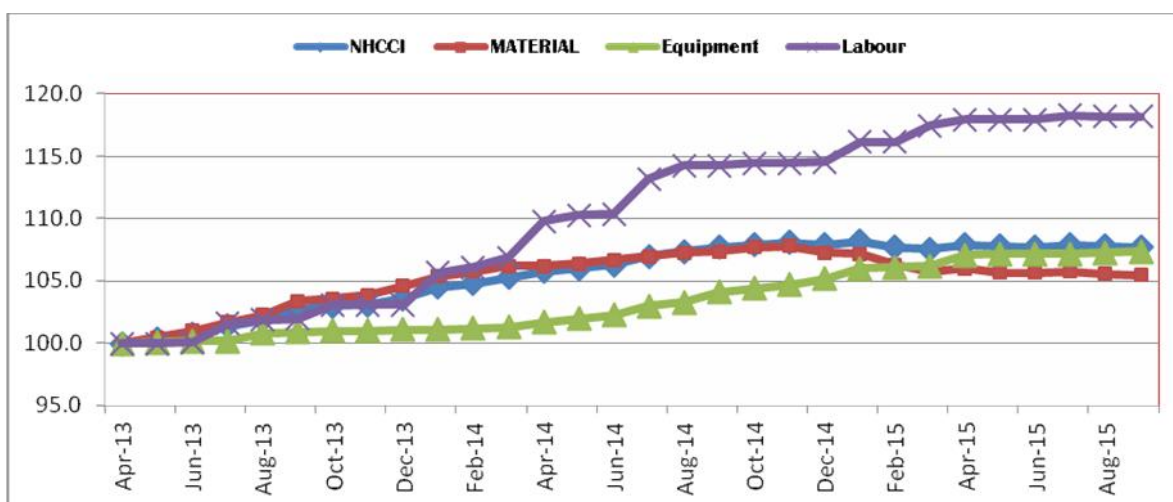
Detailed break-up of indices for Material are as below:

	Aggregate	Bitumen	Cement and Admixture	TMT Bars and HT Strand	Structural Steel	Stone	Misc. Material	<b>MATERIAL</b>
Weight	28.96	20.16	4.71	8.91	0.78	0.54	0.12	<b>64.18</b>
No. of items	12	3	2	3	8	2	3	<b>33</b>
No. of quotations	412	107	96	126	200	41	90	<b>1072</b>
Apr-13	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
May-13	100.5	101.1	99.8	100.1	100.0	100.5	100.5	100.5
Jun-13	100.8	101.8	101.2	99.9	100.1	100.8	100.6	101.0
Jul-13	102.0	102.3	101.5	99.8	100.7	102.1	102.0	101.7
Aug-13	102.9	103.3	100.1	99.2	100.1	103.6	102.2	102.3
Sep-13	103.7	105.8	99.3	99.6	100.3	103.9	102.4	103.4
Oct-13	104.0	105.2	101.3	100.4	100.9	105.0	103.3	103.6
Nov-13	104.2	105.8	100.8	100.1	101.0	105.3	103.5	103.9
Dec-13	105.1	106.8	100.9	100.2	101.4	105.8	103.8	104.6
Jan-14	106.2	107.3	101.6	100.7	101.9	105.1	104.4	105.4
Feb-14	106.3	107.6	104.0	101.2	102.5	105.4	105.3	105.8
Mar-14	106.5	107.7	106.2	102.1	102.8	105.8	105.7	106.2
Apr-14	106.6	107.5	105.9	102.7	103.3	106.5	106.0	106.2
May-14	106.9	107.6	105.4	103.0	103.6	106.8	106.5	106.4
Jun-14	107.5	107.3	104.6	104.0	103.9	107.2	106.9	106.7
Jul-14	108.5	106.9	104.7	103.9	104.8	108.3	108.3	107.0
Aug-14	108.9	107.3	103.5	103.8	105.3	109.0	108.9	107.3
Sep-14	109.2	107.4	103.9	103.8	105.4	109.5	109.5	107.4
Oct-14	109.5	107.5	104.5	103.5	105.7	110.1	110.4	107.7
Nov-14	110.0	107.3	104.4	103.5	105.8	110.6	111.1	107.8
Dec-14	110.4	105.6	103.8	102.7	105.1	113.4	109.1	107.3
Jan-15	110.6	104.9	105.1	102.0	105.0	113.8	109.6	107.2
Feb-15	110.8	102.2	105.1	101.4	105.1	114.6	109.8	106.3
Mar-15	111.0	100.2	105.3	101.2	105.1	116.7	109.8	105.8
Apr-15	111.4	100.1	105.9	101.0	105.0	116.8	110.2	106.0
May-15	110.6	100.3	106.2	100.9	105.1	116.9	110.3	105.7
Jun-15	110.7	100.2	105.6	100.9	105.1	117.0	110.8	105.7
Jul-15	110.7	100.5	105.5	101.1	105.2	117.0	110.8	105.8
Aug-15	110.9	99.8	105.4	101.0	105.1	117.1	110.9	105.6
Sep-15	111.0	99.4	105.6	101.1	105.1	117.1	110.9	105.5

Quarterly indices, which has been computed as simple average of monthly indices, during 2013-14, 2014-15 and 2015-16 (up to September'15) are as follows:

Quarter	Material	Equipment	Labour	Overall
Apr'13 - Jun'13	100.5	100.1	100.0	100.4
Jul'13 - Sep'13	102.5	100.6	101.8	102.0
Oct'13 - Dec'13	104.0	101.0	103.1	103.2
Jan'14 - Mar'14	105.8	101.2	106.2	104.9
Apr'14 - Jun'14	106.4	102.0	110.2	106.0
Jul'14 - Sep'14	107.2	103.5	113.9	107.4
Oct'14 - Dec'14	107.6	104.8	114.5	108.0
Jan'15 - Mar'15	106.4	106.1	116.6	107.8
Apr'15 - Jun'15	105.8	107.2	118.0	107.8
Jul'15 - Sep'15	105.6	107.3	118.2	107.8

Graphically the trend of index can be depicted as below:



Rates of inflation, which is percentage change of index over the same period of the previous year, are given in the following table:

Month	Material	Equipment	Labour	Overall
Apr-14	6.20	1.70	9.80	5.80
May-14	5.87	1.90	10.30	5.58
Jun-14	5.64	2.10	10.29	5.56
Jul-14	5.21	2.79	11.42	5.52
Aug-14	4.89	2.48	12.17	5.40
Sep-14	3.87	3.17	12.06	4.87
Oct-14	3.96	3.37	11.06	4.76
Nov-14	3.75	3.66	11.06	4.85
Dec-14	2.58	4.06	11.15	4.15
Jan-15	1.71	4.85	9.93	3.54
Feb-15	0.47	4.84	9.52	2.77
Mar-15	-0.38	4.84	9.92	2.18
Apr-15	-0.19	5.31	7.47	1.98
May-15	-0.66	5.10	6.98	1.70

Month	Material	Equipment	Labour	Overall
Jun-15	-0.94	4.79	6.88	1.32
Jul-15	-1.12	4.08	4.51	0.84
Aug-15	-1.58	3.87	3.41	0.37
Sep-15	-1.77	3.17	3.41	0.00

A comparative graph of rates of inflation based on Wholesale Price Index (WPI) and WPI(Manufacturing Products), released by DIPP vis-à-vis that based on NHCCI is depicted below:

