

**NHB RESIDEX - RESIDENTIAL HOUSING PRICE INDEX**  
**Update for the Quarter Oct-Dec, 2020**

NHB RESIDEX, India's first official housing price index (HPI), was launched in July, 2007, to track the movement in prices of residential properties in select cities on quarterly basis, taking 2007 as the base year. With a view to reflect the current macroeconomic scenario, NHB RESIDEX has been revamped to include cluster of indices with updated base year, revised methodology and automated processes. The revamped NHB RESIDEX is also wider in its geographic coverage and captures two housing price indices viz. HPI@ Assessment Prices for 50 cities and HPI@ Market Prices for Under Construction Properties for 50 cities. The coverage is **spread across 21 states in India, including 18 State/UT capitals and 33 smart cities**. NHB RESIDEX also includes Composite HPI@Assessment Prices and Composite HPI@Market Prices for Under Construction Properties for 50 cities each.

Till March 2018, above HPIs tracked the movement in prices of residential properties on a quarterly basis, taking FY 2012-13 as the base year. From the April-June, 2018 quarter **the base year has been shifted to FY 2017-18**. The housing prices are classified on the basis of carpet area size at city level (INR/sqft.) for units under three product category levels namely  $\leq 60$  sq.mt,  $>60$  &  $\leq 110$  sq.mt, and  $>110$  sq.mt. The indices are computed using Laspeyres Methodology, followed by calculation of a four Quarter Weighted Moving Average with application of dynamic weights at product category level and static new base year weights on the weighted moving average product category level prices, across all the quarters starting from the new base year.

**Composite HPI@Assessment Prices based on 50 cities during the quarter Oct-Dec, 2020 with base year FY 2017-18**

- Composite HPI@Assessment Prices stood at 83 in June, 2013 and has moved up to 112 in the current quarter i.e. December, 2020. The index has moved up with a CAGR of 3.9% over the years.
- The Index has witnessed a rise of 1.8% on Y-o-Y basis.

**City-wise movements under HPI @ Assessment Prices during the quarter Oct-Dec, 2020 with base year FY 2017-18**

- HPI recorded an overall increase in 28 cities, decrease in 19 cities and no change in 3 cities on Y-o-Y basis.
- Annual growth in HPI ranged from 15.5% in Patna and 12.2% in Gandhinagar to (-10.3%) in Noida and (-5.9%) in Coimbatore at the end of the quarter.
- Among the 8 Tier-1 cities, Ahmedabad witnessed maximum increase at 10.5% on Y-o-Y basis followed by Hyderabad at 8.4%, Kolkata at 5.5%. Chennai witnessed a maximum fall in Index by (-2.9%) followed by Mumbai (-1.9%), Bengaluru (-1.7%) and Delhi (-1.1%). Pune witnessed no change in Index on Y-o-Y basis.
- Of the 29 Tier-2 cities, significant rise in indices was seen in Patna (15.5%), followed by Ludhiana (12%), Dehradun (9.4%), Guwahati (8.3%) Kochi and Vizag (8.1%), while fall in indices was seen in Noida (-10.3%), Coimbatore (-5.9%) and Nagpur (-4.5%) on Y-o-Y basis.

- On Y-o-Y basis, 10 out of 13 Tier-3 cities showed growth with Gandhinagar (12.2%) in the lead followed by New Town Kolkata (7.6%) and Panvel (6.5%) showed significant increase in indices. Bhiwadi (-4.1%) and Howrah (-2.7%) witnessed drop in indices on Y-o-Y basis.

**Composite HPI@Market Prices for Under Construction Properties based on 50 cities during the quarter Oct-Dec, 2020 with base year FY 2017-18**

- Composite HPI@ Market Prices for Under Construction Properties stood at 85 in June, 2013 and has steadily moved up to 105 in the current quarter i.e. December, 2020. The Index has moved up with a CAGR of 2.8% over the years.
- On Y-o-Y basis, the Index has witnessed a 1.0% growth.

**City-wise movements under HPI@Market Prices for Under Construction Properties during the quarter Oct-Dec, 2020 with base year FY 2017-18**

- HPI recorded an overall, increase in 26 cities, decrease in 15 cities and no change in 9 cities on Y-o-Y basis.
- Annual growth in HPI ranged from 9.8% in Hyderabad to (-6.4%) in Jaipur at the end of the quarter Oct-Dec, 2020.
- Annually, out of 8 Tier-1 cities, the cities that showed growth with Hyderabad (9.8%) leading, followed by Bengaluru (1.9%). Pune, Mumbai and Kolkata witnessed a fall in Index by (-6.1%), (-3.9%) and (-2.7%), respectively. Ahmedabad, Chennai & Delhi witnessed no change in indices.
- Of the 29 Tier-2 cities being covered, maximum increase in indices were seen in Lucknow (9.6%) followed by Raipur (8.7%), Ranchi & Thiruvananthapuram (7.1%), while maximum decrease in indices was seen in Jaipur (-6.4%) and Vijayawada (-3.1%) on Y-o-Y basis.
- Among the 13 Tier-3 cities, the variations ranged from 5.1% in Navi Mumbai, 3.9% in Panvel and Greater Noida, to (-3.2%) in Pimpri Chinchwad on Y-o-Y basis.

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