S&P Dow Jones Indices

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SOUTHWEST REGION LEADS IN ANNUAL GAINS ACCORDING TO S&P CORELOGIC CASE-SHILLER INDEX

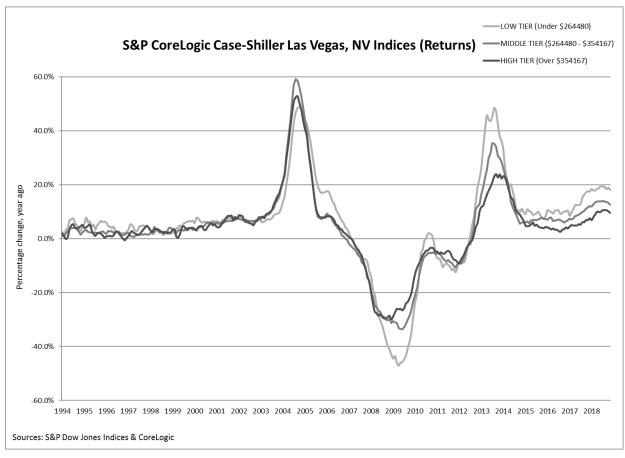
NEW YORK, JANUARY 29, 2019 – S&P Dow Jones Indices today released the latest results for the S&P CoreLogic Case-Shiller Indices, the leading measure of U.S. home prices. Data released today for November 2018 shows that the rate of home price increases across the U.S. has continued to slow. More than 27 years of history for these data series is available, and can be accessed in full by going to www.homeprice.spdji.com. Additional content on the housing market can also be found on S&P Dow Jones Indices' housing blog: www.housingviews.com.

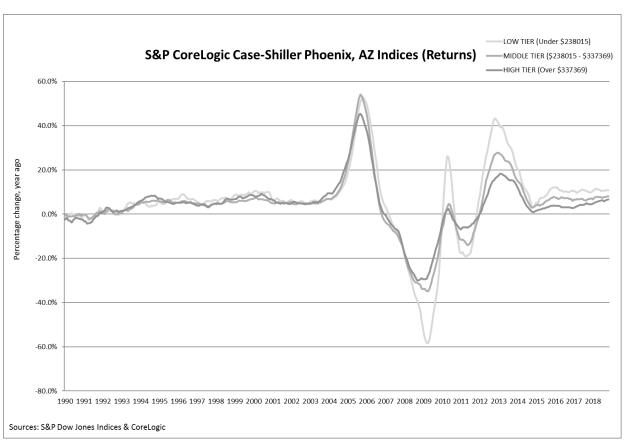
YEAR-OVER-YEAR

The S&P CoreLogic Case-Shiller U.S. National Home Price NSA Index, covering all nine U.S. census divisions, reported a 5.2% annual gain in November, down from 5.3% in the previous month. The 10-City Composite annual increase came in at 4.3%, down from 4.7% in the previous month. The 20-City Composite posted a 4.7% year-over-year gain, down from 5.0% in the previous month.

Las Vegas, Phoenix and Seattle reported the highest year-over-year gains among the 20 cities. In November, Las Vegas led the way with a 12.0% year-over-year price increase, followed by Phoenix with an 8.1% increase and Seattle with a 6.3% increase. Seven of the 20 cities reported greater price increases in the year ending November 2018 versus the year ending October 2018.

The charts on the following page compares year-over-year returns of different housing price ranges (tiers) for the top two cities, Las Vegas and Phoenix.





MONTH-OVER-MONTH

Before seasonal adjustment, the National Index posted a month-over-month gain of 0.1% in November. The 10-City and 20-City Composites both reported a 0.1% decrease for the month. After seasonal adjustment, the National Index recorded a 0.4% month-over-month increase in November. The 10-City Composite and the 20-City Composite both posted 0.3% month-over-month increases. In November, eight of 20 cities reported increases before seasonal adjustment, while 15 of 20 cities reported increases after seasonal adjustment.

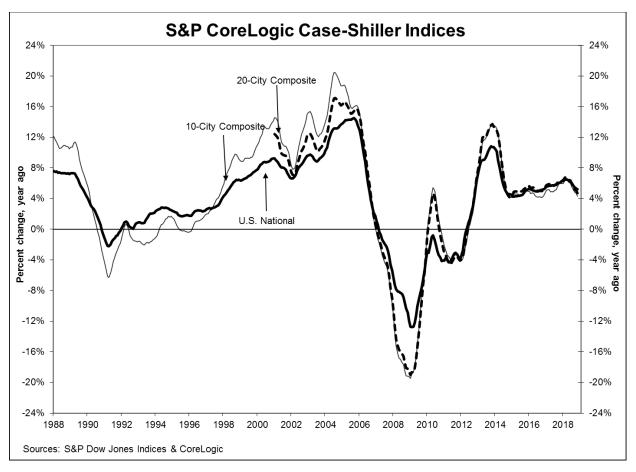
ANALYSIS

"Home prices are still rising, but more slowly than in recent months," says David M. Blitzer, Managing Director and Chairman of the Index Committee at S&P Dow Jones Indices. "The pace of price increases are being dampened by declining sales of existing homes and weaker affordability. Sales peaked in November 2017 and drifted down through 2018. Affordability reflects higher prices and increased mortgage rates through much of last year. Following a shift in Fed policy in December, mortgage rates backed off to about 4.45% from 4.95%.

"Housing market conditions are mixed while analysts' comments express concerns that housing is weakening and could affect the broader economy. Current low inventories of homes for sale – about a four-month supply – are supporting home prices. New home construction trends, like sales of existing homes, peaked in late 2017 and are flat to down since then. Stable 2% inflation, continued employment growth, and rising wages are all favorable. Measures of consumer debt and debt service do not suggest any immediate problems."

SUPPORTING DATA

The chart below depicts the annual returns of the U.S. National, the 10-City Composite, and the 20-City Composite Home Price Indices. The S&P CoreLogic Case-Shiller U.S. National Home Price NSA Index, which covers all nine U.S. census divisions, recorded a 5.2% annual gain in November 2018. The 10-City and 20-City Composites reported year-over-year increases of 4.3% and 4.7%, respectively.



The following chart shows the index levels for the U.S. National, 10-City and 20-City Composite Indices. As of November 2018, average home prices for the MSAs within the 10-City and 20-City Composites are back to their winter 2007 levels.

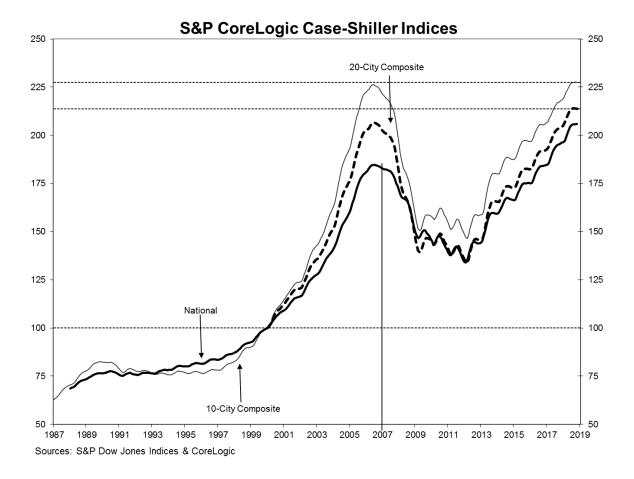


Table 1 below shows the housing boom/bust peaks and troughs for the three composites along with the current levels and percentage changes from the peaks and troughs.

	2006	2006 Peak 2012 Trough		gh	Current			
Index	Level	Date	Level	Date	From Peak (%)	Level	From Trough (%)	From Peak (%)
National	184.61	Jul-06	134.00	Feb-12	-27.4%	205.85	53.6%	11.5%
20-City	206.52	Jul-06	134.07	Mar-12	-35.1%	213.66	59.4%	3.5%
10-City	226.29	Jun-06	146.45	Mar-12	-35.3%	227.42	55.3%	0.5%

Table 2 below summarizes the results for November 2018. The S&P CoreLogic Case-Shiller Indices are revised for the prior 24 months, based on the receipt of additional source data.

	November 2018	November/October	October/September	1-Year
Metropolitan Area	Level	Change (%)	Change (%)	Change (%)
Atlanta	148.88	0.3%	0.2%	6.2%
Boston	216.59	0.1%	0.1%	5.6%
Charlotte	159.30	0.2%	0.3%	5.5%
Chicago	143.53	-0.7%	-0.3%	3.1%
Cleveland	122.93	-0.7%	-0.6%	4.6%
Dallas	187.85	0.2%	0.0%	4.0%
Denver	215.43	-0.3%	-0.3%	6.2%
Detroit	124.14	-0.4%	-0.2%	5.7%
Las Vegas	189.97	0.0%	0.3%	12.0%
Los Angeles	281.99	-0.3%	0.0%	4.4%
Miami	239.54	0.3%	0.2%	5.0%
Minneapolis	172.99	-0.2%	-0.2%	5.8%
New York	202.44	0.4%	0.5%	3.5%
Phoenix	187.47	0.3%	0.7%	8.1%
Portland	232.60	-0.5%	-0.5%	4.4%
San Diego	253.85	-0.6%	-0.2%	3.3%
San Francisco	265.35	-0.7%	-0.7%	5.6%
Seattle	245.83	-0.7%	-1.0%	6.3%
Tampa	214.05	0.4%	0.3%	5.7%
Washington	227.96	0.0%	0.0%	2.7%
Composite-10	227.42	-0.1%	0.1%	4.3%
Composite-20	213.66	-0.1%	0.0%	4.7%
U.S. National	205.85	0.1%	0.0%	5.2%

Sources: S&P Dow Jones Indices and CoreLogic

Data through November 2018

Table 3 below shows a summary of the monthly changes using the seasonally adjusted (SA) and non-seasonally adjusted (NSA) data. Since its launch in early 2006, the S&P CoreLogic Case-Shiller Indices have published, and the markets have followed and reported on, the non-seasonally adjusted data set used in the headline indices. For analytical purposes, S&P Dow Jones Indices publishes a seasonally adjusted data set covered in the headline indices, as well as for the 17 of 20 markets with tiered price indices and the five condo markets that are tracked.

	November/Octo	ber Change (%)	October/September Change (%)		
Metropolitan Area	NSA	SA	NSA	SA	
Atlanta	0.3%	0.8%	0.2%	0.7%	
Boston	0.1%	0.6%	0.1%	0.7%	
Charlotte	0.2%	0.6%	0.3%	0.5%	
Chicago	-0.7%	0.4%	-0.3%	0.6%	
Cleveland	-0.7%	-0.1%	-0.6%	0.1%	
Dallas	0.2%	0.6%	0.0%	0.3%	
Denver	-0.3%	0.2%	-0.3%	0.2%	
Detroit	-0.4%	0.5%	-0.2%	0.4%	
Las Vegas	0.0%	0.5%	0.3%	0.8%	
Los Angeles	-0.3%	0.0%	0.0%	0.5%	
Miami	0.3%	0.4%	0.2%	0.3%	
Minneapolis	-0.2%	0.4%	-0.2%	0.3%	
New York	0.4%	0.9%	0.5%	0.9%	
Phoenix	0.3%	0.7%	0.7%	0.7%	
Portland	-0.5%	0.1%	-0.5%	0.2%	
San Diego	-0.6%	0.0%	-0.2%	0.2%	
San Francisco	-0.7%	-0.5%	-0.7%	-0.5%	
Seattle	-0.7%	-0.3%	-1.0%	-0.3%	
Tampa	0.4%	0.3%	0.3%	0.3%	
Washington	0.0%	0.3%	0.0%	0.5%	
Composite-10	-0.1%	0.3%	0.1%	0.5%	
Composite-20	-0.1%	0.3%	0.0%	0.4%	
U.S. National	0.1%	0.4%	0.0%	0.4%	

Sources: S&P Dow Jones Indices and CoreLogic

Data through November 2018

For more information about S&P Dow Jones Indices, please visit www.spdji.com.

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S&P Dow Jones Indices' interactive blog, HousingViews.com, delivers real-time commentary and analysis from industry experts across S&P Global on a wide-range of topics impacting residential home prices, homebuilding and mortgage financing in the United States. Readers and viewers can visit the blog at www.housingviews.com, where feedback and commentary are welcomed and encouraged.

The S&P CoreLogic Case-Shiller Indices are published on the last Tuesday of each month at 9:00 am ET. They are constructed to accurately track the price path of typical single-family homes located in each metropolitan area provided. Each index combines matched price pairs for thousands of individual houses from the available universe of arms-length sales data. The S&P CoreLogic Case-Shiller U.S. National Home Price Index tracks the value of single-family housing within the United States. The index is a composite of single-family home price indices for the nine U.S. Census divisions and is calculated quarterly. The S&P CoreLogic Case-Shiller 10-City Composite Home Price Index is a value-weighted average of the 10 original metro area indices. The S&P CoreLogic Case-Shiller 20-City Composite Home Price Index is a value-weighted average of the 20 metro area indices. The indices have a base value of 100 in January 2000; thus, for example, a current index value of 150 translates to a 50% appreciation rate since January 2000 for a typical home located within the subject market.

These indices are generated and published under agreements between S&P Dow Jones Indices and CoreLogic, Inc.

The S&P CoreLogic Case-Shiller Indices are produced by CoreLogic, Inc. In addition to the S&P CoreLogic Case-Shiller Indices, CoreLogic also offers home price index sets covering thousands of zip codes, counties, metro areas, and state markets. The indices, published by S&P Dow Jones Indices, represent just a small subset of the broader data available through CoreLogic.

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