

# Housing Market Indicators

## Monthly Update



### August 2020

U.S. Department of Housing and Urban Development

**National housing market indicators available as of August showed activity in housing markets improved overall. Housing market activity began to rebound as buyers took advantage of record-low mortgage rates and the economy reopened more broadly with the lifting of COVID-19 restrictions adopted by many states in mid-to-late March. Trends in some of the top indicators for this month include:**

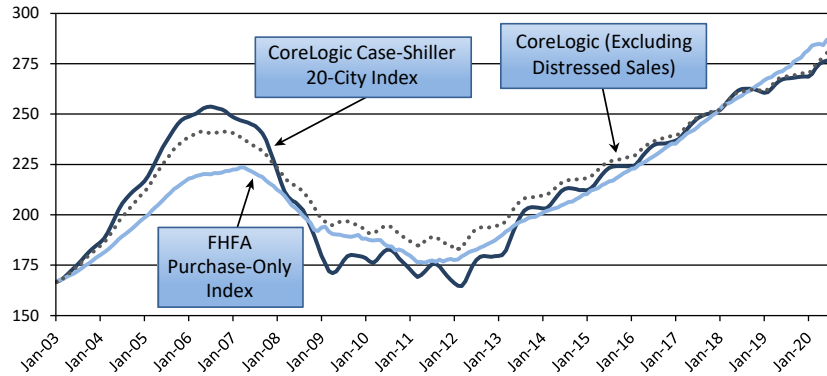
- **Purchases of new homes surged to their strongest pace since December 2006.** New single-family home sales jumped 13.9 percent to 901,000 units (SAAR) in July from an upwardly revised pace of 791,000 units in June and were 36.3 percent higher than one year ago. New home sales are based on the signing of a purchase agreement rather than a closing, as with existing homes. The increase in sales likely reflects record low interest rates and deferred sales with the lessening of COVID-19 restrictions. Note that monthly data on new home sales tend to be volatile. (Sources: HUD and Census Bureau)
- **Sales of previously owned (existing) homes also jumped to their strongest pace since December 2006.** The National Association of Realtors® (NAR) reported that July sales of existing homes (including single-family homes, townhomes, condominiums, and cooperatives) climbed 24.7 percent to 5.86 million units (SAAR) from 4.70 million in June and were 8.7 percent higher than a year earlier. Because existing home sales are based on a closing, July sales reflect contract signings in May and June. Record low interest rates and the easing of social distancing measures by some states in May likely influenced sales.
- **New home construction rose.** Single-family housing starts increased 8.2 percent to 940,000 homes (SAAR) in July from an upwardly revised pace of 869,000 units the previous month and were up 7.4 percent from one year ago. Multifamily housing starts (5 or more units in a structure), at 547,000 units (SAAR), climbed 56.7 percent from a pace of 349,000 units in June and were up 67.8 percent from a year earlier. Note that month-to-month changes in the construction of multifamily homes are often volatile. Total housing starts rose 22.6 percent to 1.496 million units (SAAR) from June and were up 23.4 percent year-over-year. (Sources: HUD and Census Bureau)
- **Year-over-year house price increases accelerated, with annual gains ranging from 4 to 6 percent.** The Federal Housing Finance Agency (FHFA) seasonally adjusted purchase-only house price index for June estimated that home values increased 0.9 percent from the previous month and rose 5.7 percent from the previous year, up from a 4.9-percent annual gain in May. The FHFA index shows that U.S. home values are 28 percent above their peak, set in April 2007 during the housing bubble, and stand 63 percent above the low point reached in May 2011. Another index tracked in the Monthly Update, the non-seasonally adjusted (NSA) CoreLogic Case-Shiller® 20-City Home Price Index, posted a 0.2 percent increase in home values in June and year-over-year returns of 3.5 percent, down slightly from an annual gain of 3.6 percent for May. The home price data for both indices are based on real estate sales contracts signed in late April and throughout May with subsequent closings during June, and thus reflect an easing of the adverse effects on economic activity of the COVID-19 social distancing measures. (The FHFA and CoreLogic Case-Shiller® price indices are released with a 2-month lag.)
- **The inventory of homes on the market fell for both new and existing homes.** The listed inventory of new homes for sale, at 299,000 units at the end of July slipped 1.6 percent from June and was down 8.8 percent year-over-year. That inventory would support 4.0 months of sales at the current sales pace, down from 4.6 months in June. Available existing homes for sale, at 1.50 million units in July, were down 2.6 percent from the previous month and 21.1 percent year-over-year. That listed inventory represents a 3.1-month supply, down from 3.9 months in June. A shortage of homes for sale—especially at the lower end of the market—has been a constraint on sales for several years.
- **The affordability of renting a home rose.** HUD's Rental Affordability Index (RAI), at 109.8 in the second quarter of 2020, increased 3.2 percent from the previous quarter (106.5) and was up 2.5 percent over the four-quarter period. The rise in the affordability of renting a home resulted from a 0.5-percent decrease in the real, or inflation-adjusted, median price of leased homes and a 2.6-percent increase in the inflation-adjusted median income of renter households. Rental affordability is currently down 22 percent from its peak in the beginning of 2001 but up 8 percent from its low point in the third quarter of 2018. Note that a RAI value of greater than 100.0 indicates that a renter household with median income has more than enough income to qualify for a median-priced rental home. According to NAR's composite homeownership affordability index, the affordability of purchasing a home increased 1.5 percent in the second quarter and was up 10.8 percent over the four-quarter period.
- **Forbearance on mortgage loans has declined for ten consecutive weeks.** The MBA Weekly Forbearance and Call Volume Survey shows the share of mortgage loans in forbearance decreased slightly to 7.20 percent the week ending August 16, from 7.21 percent the week ending August 9, and was down from 8.55 percent 11 weeks ago. In comparison, only 0.25 percent of all home loans were in forbearance the week ending March 8, 2020.
- **Mortgage rates reach a new all-time low for the eighth time since March.** The 30-year fixed rate mortgage (FRM) reached an average weekly record low in August of 2.88 percent the week ending August 6, down from a record low in July of 2.98 percent the week ending July 16. Prior to March 2020, the record low for the 30-year FRM was 3.31 percent the week ending November 21, 2012, during the recovery from the Great Recession. One year ago, the 30-year FRM was 3.60 percent. (Source: Freddie Mac)



## Housing Market Indicators Monthly Update | August 2020

### House Prices Increase in June

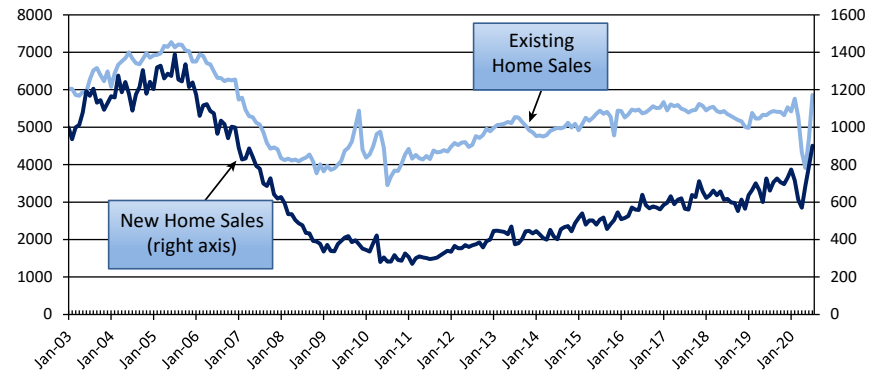
Monthly House Price Trends by Index (\$ Thousands)



Sources: Standard & Poor's, Federal Housing Finance Agency, CoreLogic, and HUD.  
See Note 1, Sources and Methodology.

### Home Sales Rose for Both New and Existing Homes

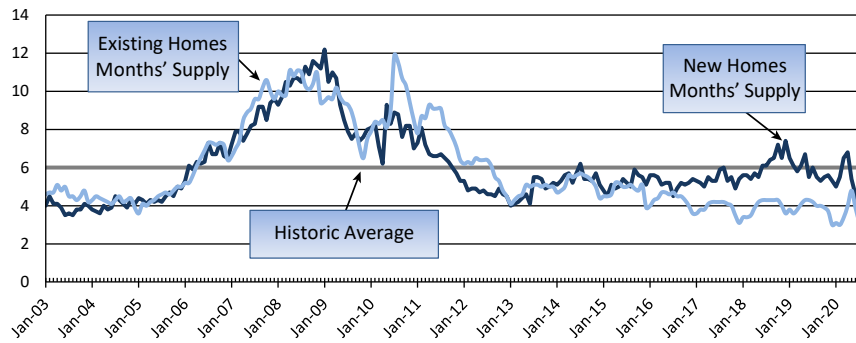
Monthly Sales (Thousands)



Seasonally Adjusted Annual Rate  
Sources: National Association of Realtors®, Census Bureau, and HUD.  
See Note 2, Sources and Methodology.

### The Months' Supply of Homes for Sale Fell for Both New and Existing Homes

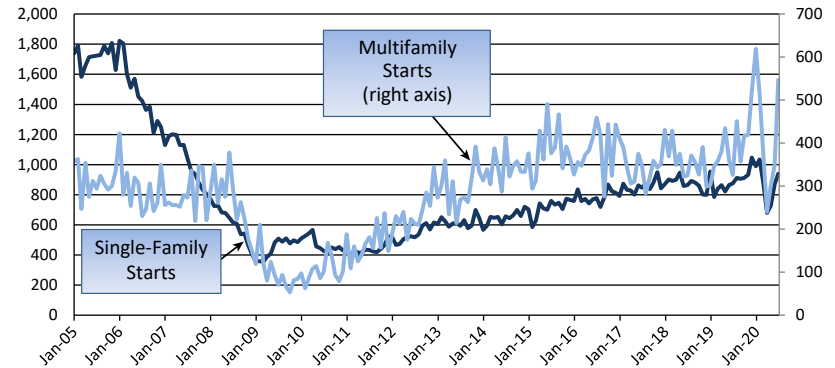
National Months' Supply of New and Existing Homes (Months)



Sources: Census Bureau, National Association of Realtors®, and HUD.

### New Construction Increased for Both Single-Family and Multifamily Housing

National Housing Starts (Thousands)



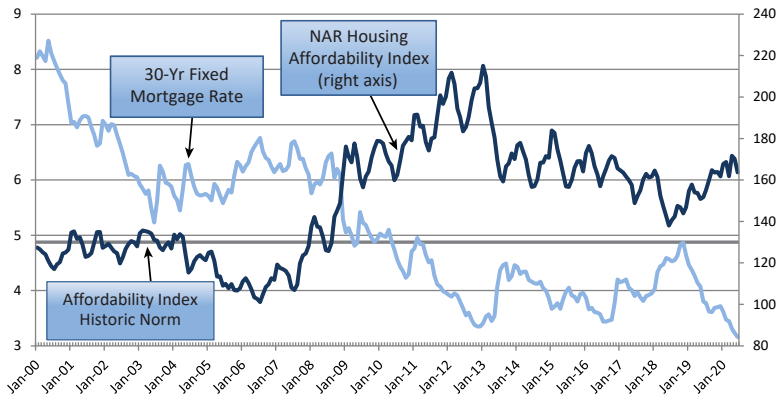
Seasonally Adjusted Annual Rate  
Sources: Census Bureau and HUD.



## Housing Market Indicators Monthly Update | August 2020

### Homeownership Affordability Remains Above Historic Norm, Mortgage Rates Are at Record Lows

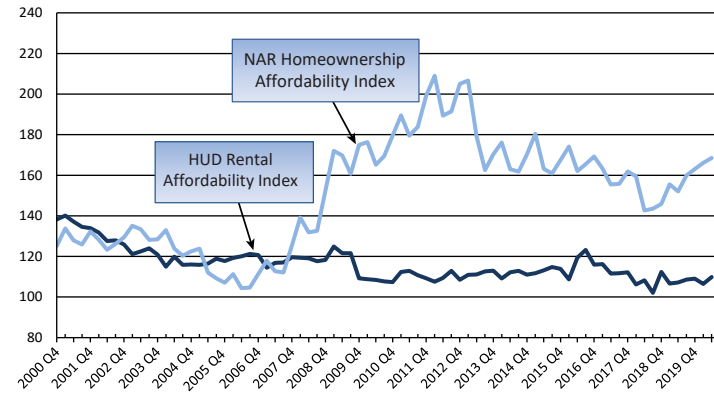
Percentage Rates and Index Values



The historic norm of 130 is the median value of NAR's composite housing affordability index since 1989. Sources: Freddie Mac and National Association of Realtors®.

### Rental Affordability Remains a Challenge Due to Rising Rents

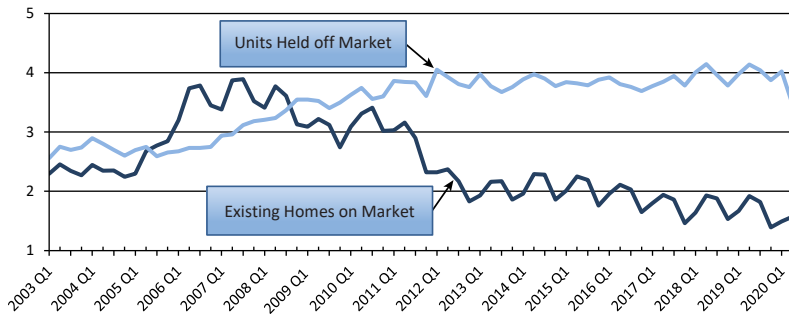
Rental and Homeownership Index Values



Sources: Census Bureau ACS and 2000 Decennial Census, BLS, CPS, HUD, and National Association of Realtors®. See Note 3, Sources and Methodology.

### Supply of Existing Homes Rose in the Second Quarter, Number of Units Held off the Market Remains High

Existing Homes Available for Sale (End of Period) and Total Vacant Housing Units (Year Round) off Market (Millions)

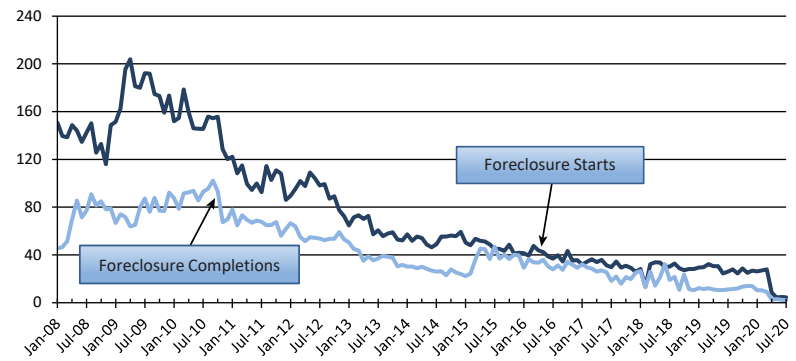


Sources: National Association of Realtors® and Census Bureau.

### Foreclosure Filings Remained Low

Monthly Foreclosure Actions (Thousands)

(Includes investor, second home, and jumbo properties)



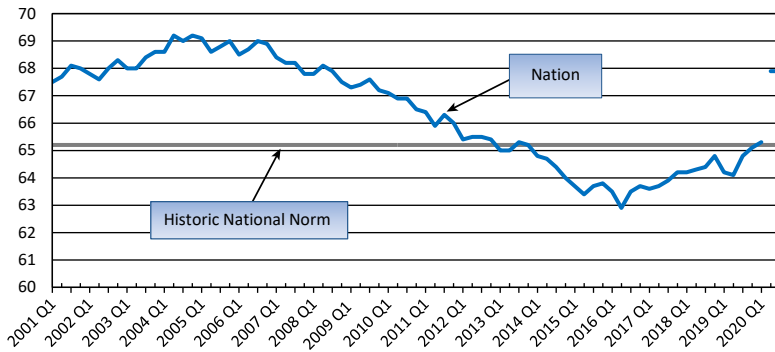
Foreclosure starts are default notices or scheduled foreclosure auctions, depending on the state. Source: ATTOM Data Solutions. See Note 4, Sources and Methodology.



Housing Market Indicators Monthly Update | August 2020

### The National Homeownership Rate Rose in the Second Quarter\*

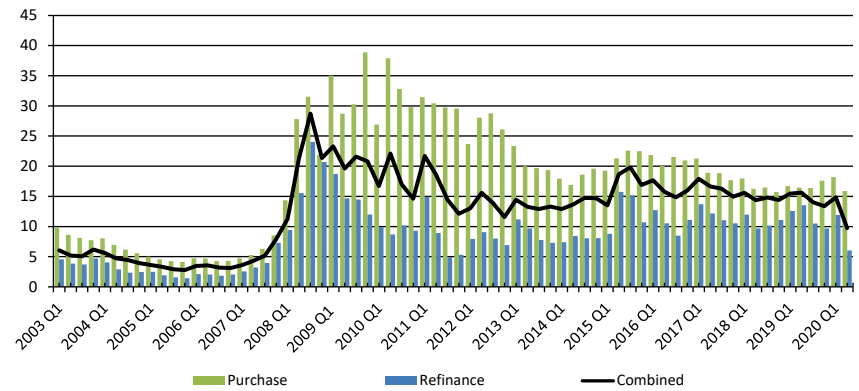
National Homeownership Rate (Percent)



\*NOTE: The Q2 2020 homeownership rate represents a break in the series because it is based on a survey conducted under COVID-19 restrictions and should be viewed with caution. The historic norm of 65.2 percent is the average national homeownership rate since 1965. Sources: Census Bureau and HUD.

### FHA Mortgage Lending

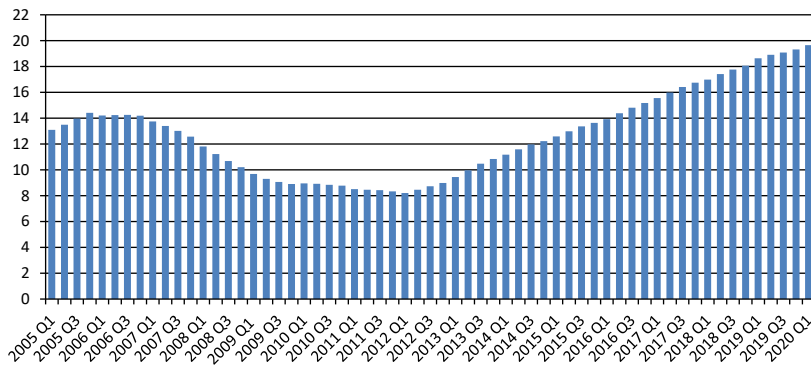
FHA as Share of Quarterly Mortgage Originations by Type (Percent)



Sources: MBA and HUD. See Note 5, Sources and Methodology.

### Home Equity Continues to Increase

Owners' Equity in Household Real Estate at End of Period (\$ Trillions)



Source: Federal Reserve Board.



## Housing Market Indicators Monthly Update | August 2020

HOUSING MARKET FACT SHEET				
Indicator	This Period	Last Period	Year Ago	Latest Release
Mortgage Rates (30-Yr FRM, percent)	2.91	2.99	3.58	27-Aug-20
Homeownership Affordability (index)	163.7	170.2 (r)	151.7	June-20
Rental Affordability (index)	109.8	106.5 (r)	107.2	2nd Q 20
Home Prices (indices)				
CoreLogic Case-Shiller (NSA)	225.1	224.6 (r)	217.6	June-20
FHFA (SA)	289.9	287.3	274.2	June-20
CoreLogic - Excluding Distressed Sales (NSA)	216.2 (s)	214.0 (s,r)	206.9 (s)	June-20
Home Sales				
New (thousands, SAAR)	901	791 (r)	661	July-20
Existing (thousands, SAAR)	5,860	4,700 (r)	5,390	July-20
First-Time Buyers (thousands, SAAR)	2,231 (s)	1,812 (s,r)	1,997 (s)	July-20
Distressed Sales (percent, NSA)	2	3	3	June-20
Housing Supply				
New Homes for Sale (thousands, SA)	299	304 (r)	328	July-20
New Homes for Sale - Months' Supply (months, SA)	4.0	4.6 (r)	6.0	July-20
Existing Homes for Sale (thousands, NSA)	1,500	1,540 (r)	1,900	July-20
Existing Homes - Months' Supply (months)	3.1	3.9 (r)	4.2	July-20
Vacant Units Held Off Market (thousands)	3,464	4,021 (r)	4,138	2nd Q 20
Housing Starts				
Total (thousands, SAAR)	1,496	1,220 (r)	1,212	July-20
Single-Family (thousands, SAAR)	940	869 (r)	875	July-20
Multifamily (thousands, SAAR)	547	349 (r)	326	July-20
Mortgage Originations (thousands)				
Purchase Originations	1,170.4	914.4 (r)	1,274.8	2nd Q 20
Refinance Originations	1,935.7	1,050.0 (r)	497.6	2nd Q 20
FHA Mortgage Originations (thousands)				
Refinance Originations	50.5 (p)	42.7 (r)	37.5	July-20
Purchase Originations	87.4 (p)	77.1 (r)	76.0	July-20
Purchases by First-Time Buyers	71.4 (p)	61.5 (r)	62.3	July-20
Mortgage Loans in Forbearance (percent)	7.20	7.21	NA	16-Aug-20
Mortgage Delinquency Rates (percent)				
Prime	5.1 (s)	5.8 (s)	1.9	July-20
Subprime	20.6 (s)	20.8 (s)	16.8	July-20
FHA	16.4	16.6	8.7	July-20
Seriously Delinquent Mortgages (thousands)				
Prime	1,171 (s)	972 (s)	209	July-20
Subprime	60 (s)	57 (s)	47	July-20
FHA	850	723	307	July-20
Change in Aggregate Home Equity (\$ billions)	326.7	252.3 (r)	572.4	1st Q 20
Underwater Borrowers (thousands)	1,841	1,900 (r)	2,192	1st Q 20
National Homeownership Rate (percent)	67.9 (s)	65.3	64.1	2nd Q 20
Foreclosure Actions (thousands)				
Foreclosure Starts	4.5	4.8	26.1	June-20
Foreclosure Completions	2.2	2.5	11.1	June-20
Short Sales	2.2 (p)	2.3 (r)	3.4	June-20
REO Sales	6.9 (p)	8.5 (r)	14.8	June-20

SA = seasonally adjusted, NSA = not SA, p = preliminary, r = revised, b = brackets include units in process, s = see Additional Notes in Sources and Methodology.



## Housing Market Indicators Monthly Update | August 2020

### SOURCES AND METHODOLOGY

#### A. Items in Table

Description	Frequency	Sources	Notes on Methodology
Mortgage Rates (30-Yr FRM)	Weekly	Freddie Mac	Primary Mortgage Market Survey, as reported for 30-Year fixed rate mortgages (FRM).
Homeownership Affordability	Monthly	National Association of Realtors®	NAR's Housing Affordability Index as reported. A value of 100 means that a family with the median income has exactly enough income to qualify for a mortgage on a median-priced home. An index above 100 signifies that a family earning the median income has more than enough income to qualify.
Rental Affordability	Quarterly	HUD	HUD's Rental Affordability Index measures whether a typical renter household has enough income to qualify for a lease on a typical rental home at the national level based on the most recent price and income data. A typical renter household is one that earns median income and a typical rental home is a median-priced rental unit. It is assumed that a renter household can qualify for a lease if the annual rent is not greater than 30 percent of the renter household's annual income. A value of 100 means that a renter household with median income has exactly enough income to qualify for a lease on a median-priced rental home. An index value above 100 signifies that a household earning the median income of renter households has more than enough income to qualify. For more information on HUD's rental affordability index and methodology, see the Second Quarter 2016 issue of HUD's National Housing Market Summary on their U.S. Housing Market Conditions website: <a href="http://www.huduser.gov/portal/ushmc/home.html">http://www.huduser.gov/portal/ushmc/home.html</a> .
Home Prices			
CoreLogic Case-Shiller (NSA)	Monthly	Standard and Poor's	Case-Shiller 20-metro composite index, January 2000 = 100. Standard and Poor's recommends use of non-seasonally adjusted (NSA) index when making monthly comparisons.
FHFA (SA)	Monthly	Federal Housing Finance Agency	FHFA monthly (purchase-only) index for U.S., January 1991 = 100.
CoreLogic - Excluding Distressed Sales (NSA)	Monthly	CoreLogic	CoreLogic national combined index, distressed sales excluded, January 2000 = 100. (Only available as NSA). Also see additional note in Section C below on the CoreLogic HPI.
Home Sales (SAAR)			
New	Monthly	HUD and Census Bureau	Seasonally adjusted annual rates. A newly constructed house is considered sold when either a sales contract has been signed or a deposit accepted, even if this occurs before construction has actually started.
Existing	Monthly	National Association of Realtors®	Seasonally adjusted annual rates. Existing-home sales—which include single-family, townhomes, condominiums and co-ops—are based on transaction closings. This differs from the U.S. Census Bureau's series on new single-family home sales, which are based on contracts or the acceptance of a deposit.
First-Time Buyers	Monthly	NAR, Census Bureau, and HUD	Sum of seasonally adjusted new and existing home sales (above) multiplied by National Association of Realtors® annual estimate of first-time buyer share of existing home sales.
Distressed Sales (NSA)	Monthly	CoreLogic	Short sales and REO (Real Estate Owned) sales as a percentage of total existing home sales (current month subject to revision).
Housing Starts			
Total (SAAR)	Monthly	HUD and Census Bureau	Housing starts are divided into three components: single-family, multifamily, and two-to-four unit structures. Start of construction occurs when excavation begins for the footings or foundation of a building. As of September 1992, housing starts include units being totally rebuilt on an existing foundation.
Single-Family (SAAR)	Monthly	HUD and Census Bureau	Single-family housing includes fully detached, semi-detached (semi-attached, side-by-side), townhomes and row houses. For attached units, each must be separated from the adjacent unit by a ground-to-roof firewall to be classified as a single-family structure. Also, these units must not share common facilities (i.e., heating/air-conditioning systems, plumbing, attic, or basement). Units built one on top of another and those built side-by-side that do not have a ground-to-roof firewall or have common facilities are not considered single-family units.
Multifamily (SAAR)	Monthly	HUD and Census Bureau	Multifamily housing has five or more units in a structure.
Housing Supply			
New Homes for Sale (SA)	Monthly	HUD and Census Bureau	As reported.
New Homes for Sale - Months' Supply (SA)	Monthly	HUD and Census Bureau	As reported.
Existing Homes for Sale (NSA)	Monthly	National Association of Realtors®	As reported.
Existing Homes - Months' Supply	Monthly	National Association of Realtors®	As reported.
Vacant Units Held Off Market	Quarterly	Census Bureau	As reported in Census CPS/HPS Table 4. Estimates of Housing Inventory, line item "Year-round vacant, held off market for reasons other than occasional use or usually reside elsewhere." Vacant units can be held off the market for a variety of reasons.
Mortgage Originations			
Refinance Originations	Quarterly	Mortgage Bankers Association and HUD	HUD estimate of refinance originations based on MBA estimate of dollar volume of refinance originations.
Purchase Originations	Quarterly	Mortgage Bankers Association and HUD	HUD estimate of home purchase originations based on MBA estimate of dollar volume of home purchase originations.



## Housing Market Indicators Monthly Update | August 2020

## SOURCES AND METHODOLOGY

## A. Items in Table (continued)

FHA Originations			
Refinance Originations	Monthly	HUD	FHA originations reported as of date of loan closing. Estimate for current month scaled upward due to normal reporting lag and shown as preliminary.
Purchase Originations	Monthly	HUD	
Purchases by First-Time Buyers	Monthly	HUD	
Mortgage Loans in Forbearance	Weekly	Mortgage Bankers Association	Weekly Forbearance and Call Volume Survey, as reported for total number of loans in forbearance as a percent of number of servicing portfolio loans. Data is based on 38.3 million loans, or nearly 77 percent of the first mortgage servicing market.
Mortgage Delinquency Rates (NSA)			
Prime	Monthly	Black Knight Financial Services	Total conventional mortgages past due (30+ days) but not in foreclosure, divided by conventional mortgages actively serviced.
Subprime	Monthly	Black Knight Financial Services	Total conventional mortgages past due (30+ days) but not in foreclosure, divided by conventional mortgages actively serviced.
FHA	Monthly	HUD	Total FHA mortgages past due (30+ days) but not in foreclosure, divided by FHA's insurance in force.
Seriously Delinquent Mortgages			
Prime	Monthly	LPS Applied Analytics, MBA, and HUD	Conventional mortgages 90+ days delinquent or in foreclosure, scaled up to market.
Subprime	Monthly	LPS Applied Analytics, MBA, and HUD	Conventional mortgages 90+ days delinquent or in foreclosure, scaled up to market.
FHA	Monthly	HUD	Mortgages 90+ days delinquent or in foreclosure.
Change in Aggregate Home Equity	Quarterly	Federal Reserve Board	Difference in aggregate household owners' equity in real estate as reported in the Federal Reserve Board's Flow of Funds Accounts of the United States for stated time period.
Underwater Borrowers	Quarterly	CoreLogic	As reported.
National Homeownership Rate	Quarterly	Census Bureau	Homeownership in the U.S. as a percentage of all households.
Foreclosure Actions			
Foreclosure Starts	Monthly	ATTOM Data Solutions (Formerly RealtyTrac)	Foreclosure starts are reported counts of notice of default or scheduled foreclosure auction, depending on which action starts the foreclosure process in a state.
Foreclosure Completions	Monthly	ATTOM Data Solutions	Real Estate Owned (REO).
Short sales	Monthly	CoreLogic	Count of Short Sales for the month as reported (current month subject to revision).
REO Sales	Monthly	CoreLogic	Count of REO (Real Estate Owned) Sales for the month as reported (current month subject to revision).

## B. Notes on Charts

1. Monthly house price trends, shown as changes in respective house price indices applied to a common base price set equal to the median price of an existing home sold in January 2003, as reported by the National Association of Realtors®. Indices shown: S&P/CoreLogic Case-Shiller 20-metro composite index (NSA), January 2000 = 100, FHFA monthly (purchase-only) index for U.S. (SA), January 1991 = 100, and CoreLogic-Distressed Sales Excluded (Monthly) for U.S. (NSA), January 2000 = 100. Also see additional note below in Section C on the CoreLogic HPI.
2. Reported seasonally adjusted annual rates for new and existing home sales.
3. A comparison of the affordability of renting a home to purchasing a home, added as of the September 2016 release. HUD's Quarterly Rental Affordability Index is compared to NAR's Composite Quarterly Affordability Index. See note above on Rental Affordability.
4. Filings of a notice of default or scheduled foreclosure auction, depending on which action starts the foreclosure process in a state, are reported for foreclosure starts. Foreclosure completions are properties entering REO. Both as reported by ATTOM Data Solutions (formerly RealtyTrac).
5. FHA market shares are FHA purchase and refinance originations divided by HUD estimates of purchase and refinance mortgage originations, as noted in "Mortgage Originations" above. See additional note below on FHA market share.

## C. Additional Notes

Beginning in May 2019, NAR replaced its Composite Housing Affordability Index (HAI), which was based on the 30-year fixed rate mortgage and adjustable rate mortgages (ARM), with a Fixed HAI based only on the 30-year fixed rate mortgage.

Black Knight enhanced their database as of December 2017 data, increasing their database coverage by nearly 1 million additional loans through several new contributors and improved coverage of certain types of data. In addition, HUD added filters to make sure all FHA and VA loans were excluded from the data to ensure reporting of only conventional loans. The November 2017 changes in reported data are mainly due to the additional filters.

FHA Market Share data were updated in the June 2017 report based on the most recent HMDA data and revised house price estimates. FHA market share estimates were based on new methodology beginning with the October 2013 report; estimates were revised back through Q1 2011. See the FHA Market Share report on their website for an explanation of the new methodology: [http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/housing/rmra/oe/rpts/fhamktsh/fhamktqtrly](http://portal.hud.gov/hudportal/HUD?src=/program_offices/housing/rmra/oe/rpts/fhamktsh/fhamktqtrly).

The estimate for first-time buyers was 33 percent for 2019, based on the 2019 NAR annual survey of homebuyers released in October 2019. The estimate was the same as their estimate for 2018 with the October 2018 release of the NAR Profile of Home Buyers and Sellers 2018 report. The annual reporting of first-time buyers differs from NAR's monthly Realtors Confidence Index survey because the annual survey, for the most part, represents purchases of homes by owner-occupants and does not include purchases by investors, as in the monthly survey.

CoreLogic's House Price Index (HPI) estimates are based on new methodology beginning with their June 2016 report, which includes data through April 2016. A variety of modeling and other enhancements to their HPI and its forecast, including a 14-percent expansion in the number of transaction pairs, were made.

The BLS Consumer Population Survey/Housing Vacancy Survey (CPS/HVS) collects data on the homeownership rate and is conducted by the Census Bureau. The Bureau views the Q2 2020 homeownership rates as a break in series because COVID-19 prevented normal data collection procedures. The data should be viewed with caution. The Census Bureau suspended in-person interviews on March 20, 2020 and has since conducted the survey solely by telephone interviews. In addition, the survey response rate fell to 67 percent in the second quarter from 79 percent in the first quarter and one year ago.