### September 2016

U.S Department of Housing and Urban Development

The Administration's goal remains to stabilize the housing market and provide security for homeowners. To meet these objectives in a challenging market, the Administration developed a broad approach implementing state and local housing agency initiatives, tax credits for homebuyers, neighborhood stabilization and community development programs, mortgage modifications and refinancing, housing counseling, continued Federal Housing Administration (FHA) engagement, support for Fannie Mae and Freddie Mac, and increased consumer protections. In addition, Federal Reserve and Treasury Mortgage-Backed Securities purchase programs have helped to keep mortgage interest rates at record lows. More detail on the Administration's efforts can be found in the Appendix.

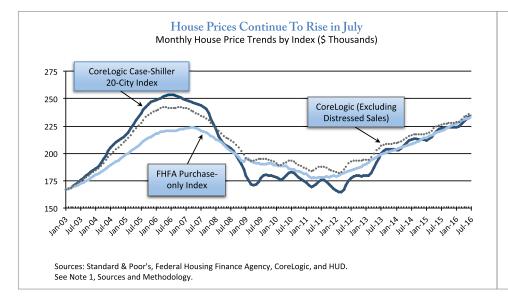
- Homeowners' equity continues to show sharp gains. Homeowners' equity (total property value less mortgage debt outstanding) was up \$352 billion (2.8 percent) from the first quarter of 2016, for a total of more than \$12.7 trillion—the highest level since the third quarter of 2006. Homeowners' equity peaked at nearly \$13.5 trillion in the first quarter of 2006. The increase in owners' equity was nearly \$332 billion in the first quarter of 2006. The change in equity since April 1, 2009, when the Administration initiated its broad set of actions to stabilize the housing market, now stands at nearly \$6.8 trillion (+107 percent) and equity has grown by more than \$6.4 trillion since the end of 2011. (Source: Federal Reserve.)
- The number of underwater borrowers declined. As of the second quarter of 2016, CoreLogic estimated that 3.6 million homes, or 7.1 percent of residential properties with a mortgage, were in negative equity. This compares with 4.2 million, or 8.2 percent, that were reported in negative equity in the first quarter of 2015 and 4.5 million, or 8.9 percent, one year ago. From the beginning of 2012 through the second quarter of 2016, the number of underwater borrowers (those who owe more on their mortgage than the value of their home) has declined by 70 percent—from 12.1 million to 3.6 million—or by 8.5 million homeowners. (Source: CoreLogic.)
- Purchases of new homes dropped in August after reaching a nine-year high in July. New single-family home sales fell 7.6 percent in August to 609,000 (SAAR) from a revised 659,000 pace in the prior month that was the strongest since October 2007. New home sales were still up 20.6 percent over a year earlier and are well above the 501,000 annual rate for all of 2015. Monthly data on new home sales can be volatile and are often revised. (Source: HUD and Census Bureau.)
- Sales of previously owned (existing) homes softened for a second consecutive month in August. The National Association of

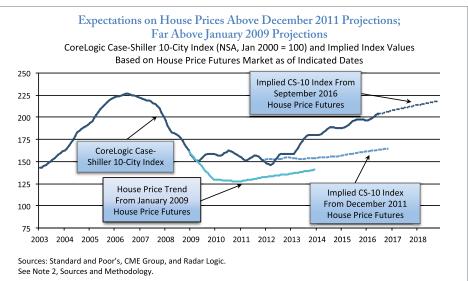
Realtors<sup>®</sup> (NAR) reported that sales of existing homes (including single-family homes, townhomes, condominiums, and cooperatives) fell 0.9 percent in August to 5.33 million (SAAR) from 5.38 million in July but were still slightly higher (0.8 percent) than a year ago. Purchases of existing homes are still above the 5.25 million annual rate for all of 2015.

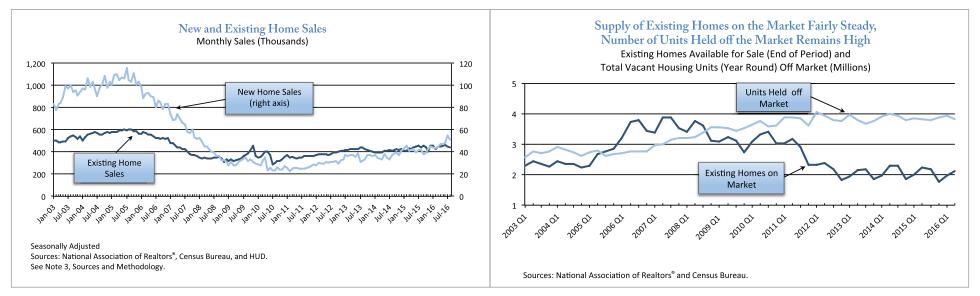
- Beginning with the September 2016 edition of the Scorecard, there is a new chart and table entry on the affordability of renting a home. Since the beginning of 2001, rising rents have outpaced income growth, eroding the affordability of renting a home. A HUD index on the affordability of renting a home (second page of charts) shows that rental affordability began to decline during the second quarter of 2001, reached a low point at the end of 2010, and has shown modest improvement since. The rental affordability index is compared with NAR's quarterly composite index on the affordability of owning a home. The affordability of purchasing a home, in contrast, rose from a low point in mid-2006 to a peak in the beginning of 2012 and has been on a downward trend since. The gap between the ability of a renter household with median income to lease a home compared with the ability of a family with median income to purchase a home peaked in 2012 and has been closing since.
- The Administration's programs continue to help struggling homeowners. In all, more than 10.8 million mortgage modification and other forms of mortgage assistance arrangements were completed between April 2009 and the end of August 2016. More than 2.7 million homeowner assistance actions have taken place through the Making Home Affordable Program, including more than 1.6 million permanent modifications through the Home Affordable Modification Program (HAMP), while the Federal Housing Administration (FHA) has offered more than 3.3 million loss mitigation and early delinquency interventions through August. These Administration programs continue to encourage improved standards and processes in the industry, with lenders offering families and individuals nearly 4.8 million proprietary modifications through July (data are reported with a 2-month lag). You can read the Treasury's MHA report here.

Encouraging news notwithstanding, there is a need to continue with recovery efforts to foster home sales, help those homeowners that remain underwater, and reduce mortgage delinquency rates that remain elevated. There is also considerable geographic variation in market conditions not captured in the national statistics, which suggests some markets are improving at different rates than others.



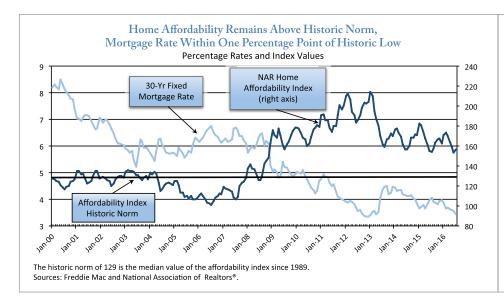


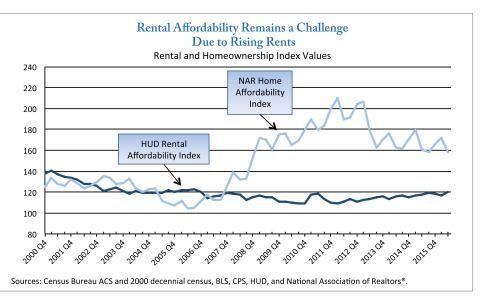


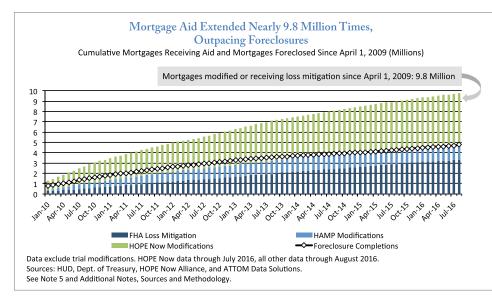


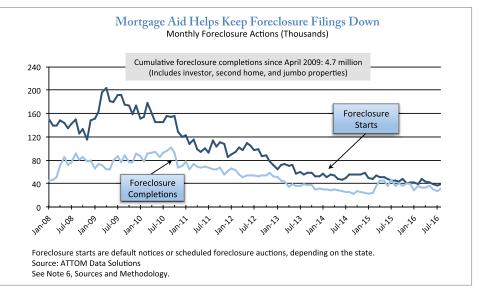
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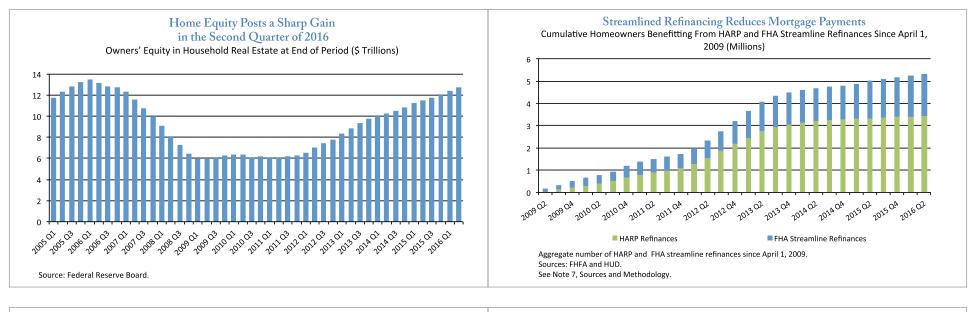


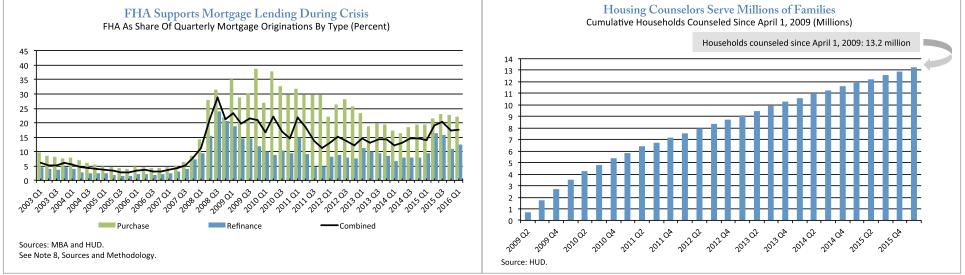




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HOUSING ASSISTANCE AND STABILIZATION PERFORMANCE METRICS							
Indicator	This Period	Last Period	Cumulative From	April 1, 2009	Latest Release		
Distressed Homeowners Assisted (thousands) HAMP Trial Modifications HAMP Permanent Modifications FHA Loss Mitigation Interventions HOPE Now Modifications HARP Refinances FHA Streamline Refinances	6.3 (s) 7.4 (s) 35.7 22.7 5.1 23.1	7.9 8.1 30.9 25.9 5.9 18.0		2,434 1,629 3,325 4,800 3,424 1,945	August-16 August-16 August-16 July-16 July-16 August-16		
Counseled Borrowers (thousands)	351.4	285.1		13,249	1st Q 16		
Activities Completed Under NSP (housing units) New Construction or Residential Rehab Demolition or Clearance Direct Homeownership Assistance	-	- - -	46,325 [66,552] (b,s) 2nd 24,213 [24,354] (b,s) 2nd 11,113 [16,307] (b,s) 2nd				
Change in Aggregate Home Equity (\$ billions)	352.2	331.6 (r)		6,767.0	2nd Q 16		
HOUSING MARKET FACT SHEET							
Indicator	This Period	Last Period	Year Ago	As of Dec 2008	Latest Release		
Mortgage Rates (30-Yr FRM, percent)	3.42	3.48	3.85	5.10	29-Sep-16		
Housing Affordability (index)	157.1	153.2 (r)	154.5	162.9	July-16		
Rental Affordability (index)	120.5	116.6	117.2	114.9	2nd Q 16		
Home Prices (indices) CoreLogic Case-Shiller (NSA) FHFA (SA) CoreLogic–Excluding Distressed Sales (NSA)	190.9 236.1 183.7 <sub>(s)</sub>	189.8 (r) 235.0 (r) 181.9 (s,r)	181.8 223.1 174.4 (s)	150.5 195.2 (r) 153.0 (s,r)	July-16 July-16 July-16		
Home Sales New (thousands, SA) Existing (thousands, SA) First-Time Buyers (thousands, SA) Distressed Sales (percent, NSA)	50.8 444.2 158.4 (s) 8 (p)	54.9 (r) 448.3 (r) 161.0 (s,r) 9 (r)	42.1 440.8 154.5 (s) 11	31.4 334.2 149.9 32	August-16 August-16 August-16 July-16		
Housing Supply Existing Homes for Sale (thousands, NSA) Existing Homes–Months' Supply (months) New Homes for Sale (thousands, SA) New Homes for Sale–Months' Supply (months, SA) Vacant Units Held Off Market (thousands)	2,040 4.6 235 4.6 3,807	2,110 (r) 4.7 231 (r) 4.2 (r) 3,922	2,270 5.1 217 5.2 3,824	3,130 9.4 353 11.2 3,542	August-16 August-16 August-16 August-16 2nd Q 16		
Mortgage Originations (thousands) Refinance Originations Purchase Originations	968.2 1,152.9	679.8 775.6	902.7 1,008.6	767.1 986.3	2nd Q 16 2nd Q 16		
FHA Originations (thousands) Refinance Originations Purchase Originations Purchases by First-Time Buyers	52.3 (p) 93.6 (p) 75.4 (p)	33.4 (r) 83.4 (r) 57.5 (r)	31.4 81.7 65.9	62.9 72.7 56.2	August-16 August-16 August-16		
Mortgage Delinquency Rates (percent) Prime Subprime FHA	2.2 24.5 8.6	2.4 25.5 8.8	2.7 26.9 9.3	4.4 34.3 14.3	August-16 August-16 August-16		
Seriously Delinquent Mortgages (thousands) Prime Subprime FHA	329 521 388	338 539 388	511 772 457	915 1,632 333	August-16 August-16 August-16		
Underwater Borrowers (thousands)	3,611	4,159 (r)	4,459	-	2nd Q 16		
Foreclosure Actions (thousands) Foreclosure Starts Foreclosure Completions Short Sales REO Sales	39.7 31.2 11.0 (p) 16.5 (p)	36.9 27.9 15.4 (r) 25.6 (r)	45.1 36.8 18.1 37.3	148.6 78.9 14.0 74.8	August-16 August-16 July-16 July-16		

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



### SOURCES AND METHODOLOGY

A. Items in Tables		SCORELS AND I		
Description	Frequency	Sources	Notes on Methodology	
Distressed Homeowners Assisted HAMP Trial Modifications HAMP Permanent Modifications FHA Loss Mitigation Interventions HOPE Now Modifications HARP Refinances FHA Streamline Refinances	Monthly Monthly Monthly Monthly Monthly Monthly	Treasury Treasury HUD Hope Now Alliance Federal Housing Finance Agency Federal Housing Administration	As reported. Also see additional note in Section C below on HAMP Tier 2. As reported. Also see additional note in Section C below on HAMP Tier 2. All FHA loss mitigation and early delinquency interventions. All proprietary modifications completed. As reported. Also see note 7 in Section B below, Notes on Charts. As reported. Also see note 7 in Section B below, Notes on Charts.	
Counseled Borrowers (thousands)	Quarterly	HUD	Housing counseling activity reported by all HUD-approved housing counselors.	
Completed Activities Under NSP (housing units) New Construction or Residential Rehab	Quarterly	HUD	Housing units constructed/rehabilitated using Neighborhood Stabilization Program. Bracketed numbers include units in process.	
Demolition or Clearance	Quarterly	HUD	Housing units demolished/cleared using Neighborhood Stabilization Program. Bracketed num-	
Direct Homeownership Assistance	Quarterly	HUD	bers as above. Completed downpayment assistance or non-amortizing second mortgages by grantee to make purchase of NSP unit affordable. Bracketed numbers as above.	
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.	
Mortgage Rates (30-Yr FRM)	Weekly	Freddie Mac	Primary Mortgage Market Survey, as reported for 30-Year fixed rate mortgages (FRM).	
Housing Affordability	Monthly	National Association of Realtors®	NAR's composite 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 newly developed rental affordability index. 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 the U.S. Housing Market Conditions website: https://www.huduser.gov/portal/ushmc/home.html.	
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	
FHFA (SA) CoreLogic - Excluding Distressed Sales (NSA)	Monthly Monthly	Federal Housing Finance Agency CoreLogic	use of not seasonally adjusted index when making monthly comparisons. FHFA monthly (purchase-only) index for US, January 1991 = 100. 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 (SA) New	Monthly	HUD and Census Bureau	Seasonally adjusted annual rates divided by 12. 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. Seasonally adjusted annual rates divided by 12. 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 t	
Existing	Monthly	National Association of Realtors®		
First Time Buyers Distressed Sales (NSA)	Monthly Monthly	NAR, Census Bureau, and HUD CoreLogic	acceptance of a deposit. 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. Short sales and REO (Real Estate Owned) sales as a percent of total existing home sales (current	
Housing Supply Existing Homes for Sale (NSA) Existing Homes - Months' Supply New Homes for Sale (SA) New Homes for Sale - Months' Supply (SA) Vacant Units Held Off Market	Monthly Monthly Monthly Monthly Quarterly	National Association of Realtors® National Association of Realtors® HUD and Census Bureau HUD and Census Bureau Census Bureau	month subject to revision). As reported. As reported. As reported. As reported. 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 Purchase Originations	Quarterly Quarterly	Mortgage Bankers Association and HUD Mortgage Bankers Association	HUD estimate of refinance originations based on MBA estimate of dollar volume of refinance originations. HUD estimate of home purchase originations based on MBA estimate of dollar volume of home	
FHA Originations Refinance Originations Purchase Originations	Monthly Monthly	and HUD HUD 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.	
Purchases by First Time Buyers Mortgage Delinquency Rates (NSA) Prime Subprime FHA	Monthly Monthly Monthly Monthly	HUD LPS Applied Analytics LPS Applied Analytics HUD	Total mortgages past due (30+ days) but not in foreclosure, divided by mortgages actively serviced. Total mortgages past due (30+ days) but not in foreclosure, divided by mortgages actively serviced. Total FHA mortgages past due (30+ days) but not in foreclosure, divided by FHA's insurance in force.	
Seriously Delinquent Mortgages Prime Subprime FHA	Monthly Monthly Monthly	LPS Applied Analytics, MBA, and HUD LPS Applied Analytics, MBA, and HUD HUD	Mortgages 90+ days delinquent or in foreclosure, scaled up to market. Mortgages 90+ days delinquent or in foreclosure, scaled up to market. Mortgages 90+ days delinquent or in foreclosure.	
Underwater Borrowers	Quarterly	CoreLogic	As reported.	
Foreclosure Actions Foreclosure Starts Foreclosure Completions	Monthly	ATTOM Data Solutions (Formerly RealtyTrac) ATTOM Data Solutions	Foreclosure starts are reported counts of notice of default or scheduled foreclosure auction, depending on which action starts the foreclosure process in a state. Real Estate Owned (REO).	
Short sales REO Sales	Monthly Monthly Monthly	CoreLogic CoreLogic	Count of Short Sales for the month as reported (current month subject to revision). Count of REO (Real Estate Owned) Sales for the month as reported (current month subject to revision).	



### SOURCES AND METHODOLOGY

### 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/Case Shiller 20-metro composite index (NSA), January 2000 = 100, FHFA monthly (purchase-only) index for US (SA), January 1991 = 100, and CoreLogic-Distressed Sales Excluded (Monthly) for US (NSA), January 2000 = 100. Also see additional note below in Section C on the CoreLogic HPI.
- CoreLogic Case-Shiller 10-metro composite index (NSA) as reported monthly. Implied CoreLogic Case-Shiller futures index figures report forward expectations for the level of the CoreLogic Case-Shiller index as of the date indicated, estimated from prices of futures purchased on the Chicago Mercantile Exchange reported by CME Group. The January 2009 market trend projection reports forward expectations estimated from prices of futures contracts reported by Radar Logic. Also see additional note in Section C below.
- 3. Reported seasonally adjusted annual rates for new and existing home sales divided by 12.
- 4. 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 with NAR's Composite Quarterly Affordability Index. See note above on Rental Affordability.
- 5. Cumulative HAMP permanent modifications started, FHA loss mitigation and early delinquency interventions, plus proprietary modifications completed as reported by HOPE Now Alliance. Some homeowners may be counted in more than one category. Foreclosure completions are properties entering Real Estate Owned (REO) as reported by Realty Trac. Also see additional note in Section C below on HAMP Tier 2.
- 6. Beginning with the September 2012 release, 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 defaults previously had been reported as a proxy for foreclosure starts. Foreclosure completions are properties entering REO. Both as reported by ATTOM Data Solutions (formerly RealtyTrac).
- 7. Streamlined refinances are designed to lower the monthly principal and interest payments on a mortgage. The refinances are referred to as "streamlined" because they involve less paperwork, reducing the time it takes to process the loan. The agency permitting the streamline refinance already bears the credit risk on the original loan and does not require full underwriting (enabling homeowners whose current loans may be underwater to qualify). For information on FHA streamline refinances, see: http://portal.hud.gov/hudportal/documents/huddoc?id=4155-1\_6\_secC.pdf. For information on HARP refinances, see: http://www.harp.gov/about.
- 8. FHA market shares as 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 with the February 2013 release, the House Price Expectations Chart was updated by replacing market expectations as they existed in January 2009 with expectations as of December 2011. Prices of futures purchased for the S&P/Case-Shiller 10-metro composite index, available on the web from CME Group, were used to estimate expectations for December 2011 and for the current month. Market trend as of January 2009 is estimated from percentage changes in house price futures based on a different house price index: Radar Logic RPX. This trend has been added back to the chart because it imparts important information on how house price expectations have changed over time.

Beginning with the January 2013 release, mortgage aid under HAMP Tier 2 is included in the totals. Effective June 2012, HAMP Tier 2 expanded eligibility requirements to further reduce foreclosures and help stabilize neighborhoods. For non-GSE loans, eligibility was expanded to allow for more flexible debt-to-income criteria and to include properties currently occupied by a tenant, as well as vacant properties which a borrower intends to rent.

FHA market share estimates are 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/fhamktgtrly.

The Q2 2016 NSP actual counts were revised for direct homeownership assistance.

The estimate for first-time buyers was revised downward from 38 percent to 33 percent beginning with the November 2014 release based on the NAR Profile of Home Buyers and Sellers 2014.

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.



# Appendix

The Administration has taken a broad set of actions to stabilize the housing market and help American homeowners. Three years ago, stress in the financial system had severely reduced the supply of mortgage credit, limiting the ability of Americans to buy homes or refinance mortgages. Millions of responsible families who had made their monthly payments and had fulfilled their obligations saw their property values fall. They also found themselves unable to refinance at lower mortgage rates.

In February 2009, less than one month after taking office, President Obama announced the Homeowner Affordability and Stability Plan. As part of this plan and through other housing initiatives, the Administration has taken the following actions to strengthen the housing market:

- Supported Fannie Mae and Freddie Mac to ensure continued access to affordable mortgage credit;
- The Federal Reserve and the U.S. Treasury purchased more than \$1.4 trillion in agency mortgage backed securities through independent MBS purchase programs, helping to keep mortgage rates at historic lows;
- Launched a modification initiative to help homeowners reduce mortgage payments to affordable levels and to prevent avoidable foreclosures;
- Launched a \$23.5 billion Housing Finance Agencies Initiative to increase sustainable homeownership and rental resources;
- Supported the First Time Homebuyer Tax Credit, which helped more than 2.5 million American families purchase homes;
- Provided more than \$5 billion in support for affordable rental housing through low income housing tax credit programs and \$6.92 billion in support for the Neighborhood Stabilization Program to restore neighborhoods hardest hit by the concentrated foreclosures;
- Created the \$7.6 billion HFA Hardest Hit Fund for innovative foreclosure prevention programs in the nation's hardest hit housing markets;
- Launched the \$1 billion Emergency Homeowners Loan Program, as part of the Dodd-Frank Wall Street Reform and Consumer Protection Act, to help unemployed and underemployed homeowners pay a portion of their monthly mortgage.
- Created an FHA Short Refinance Option that helps underwater borrowers refinance into a new, stable, FHA-insured mortgage that is more aligned with actual property values.
- Supported home purchase and refinance activity through the FHA to provide access to affordable mortgage capital and help homeowners prevent foreclosures.
- Implemented a series of changes to the Home Affordable Refinance Program (HARP) in an effort to attract more eligible borrowers who can benefit from refinancing their home mortgages during this time of historically low mortgage rates.

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