



Fannie Mae™

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# **2016 Third Quarter Credit Supplement**

November 3, 2016





- **This presentation includes information about Fannie Mae, including information contained in Fannie Mae’s Quarterly Report on Form 10-Q for the quarter ended September 30, 2016, the “2016 Q3 Form 10-Q.” Some of the terms used in these materials are defined and discussed more fully in the 2016 Q3 Form 10-Q and in Fannie Mae’s Form 10-K for the year ended December 31, 2015, the “2015 Form 10-K.” These materials should be reviewed together with the 2016 Q3 Form 10-Q and the 2015 Form 10-K, copies of which are available through the “SEC Filings” page in the “About Us/Investor Relations” section of Fannie Mae’s website at [www.fanniemae.com](http://www.fanniemae.com).**
- **Some of the information in this presentation is based upon information that we received from third-party sources such as sellers and servicers of mortgage loans. Although we generally consider this information reliable, we do not independently verify all reported information.**
- **Due to rounding, amounts reported in this presentation may not add to totals indicated (or 100%).**
- **Unless otherwise indicated data labeled as “YTD 2016” is as of September 30, 2016 or for the first nine months of 2016.**

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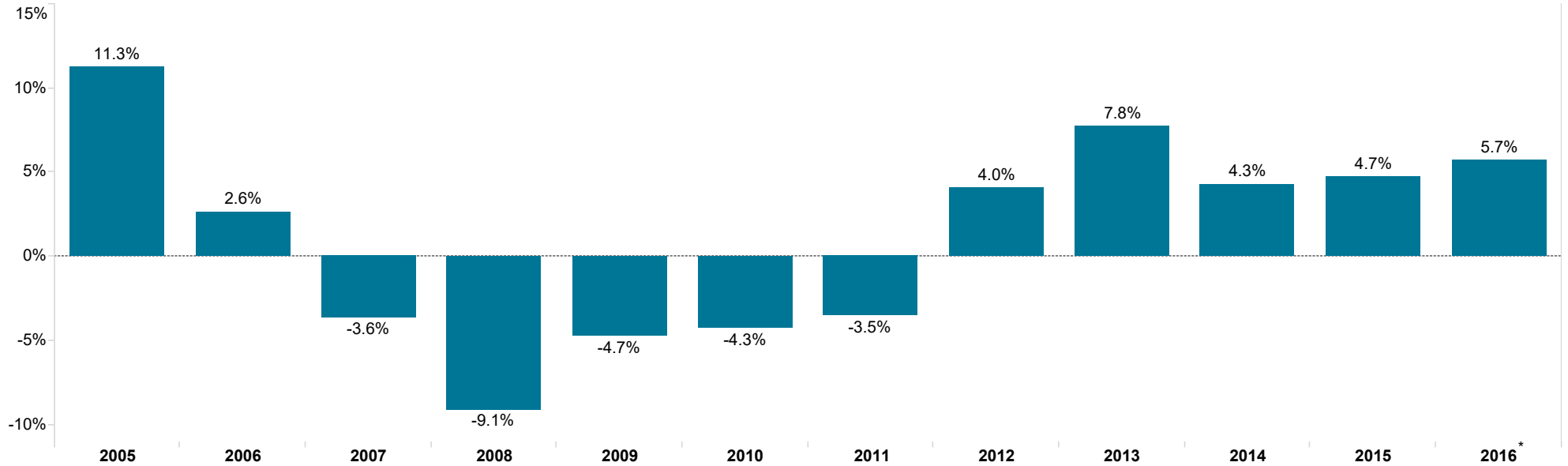
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## Home Price Growth/Decline Rates in the U.S.

### Fannie Mae Home Price Index



### S&P/Case-Shiller Index

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016**
13.5%	1.7%	-5.4%	-12.0%	-3.8%	-4.1%	-3.9%	6.5%	10.7%	4.5%	5.3%	3.9%

\* Year-to-date as of September 2016.

\*\*Year-to-date as of Q2 2016. As comparison, Fannie Mae's index for the same period is 4.1%.

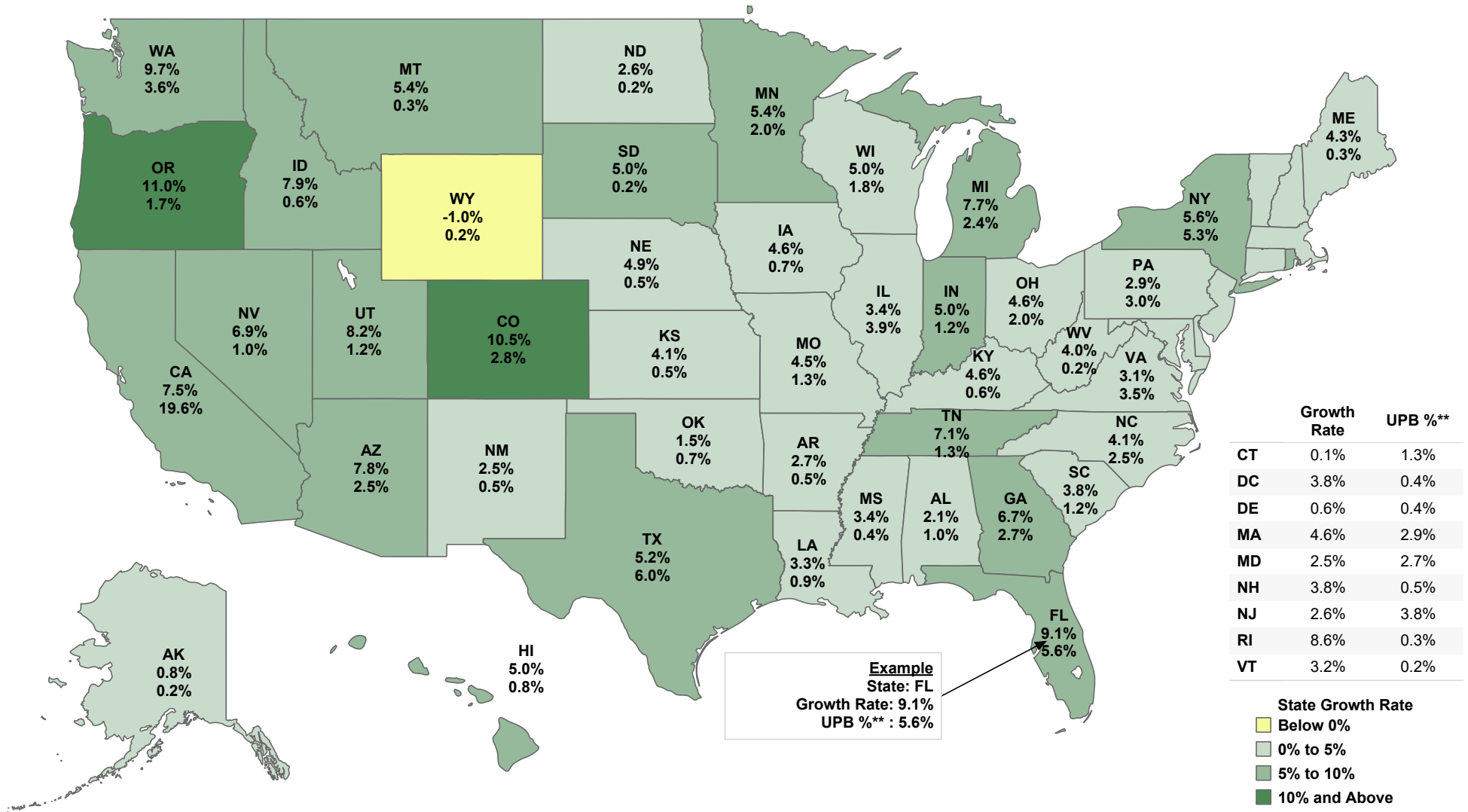
Based on our home price index, we estimate that home prices on a national basis increased by 1.5% in the third quarter of 2016 and by 5.7% in the first nine months of 2016, following increases of 4.7% in 2015, 4.3% in 2014 and 7.8% in 2013. Despite the recent increases in home prices, we estimate that, through September 30, 2016, home prices on a national basis remained 1.1% below their peak in the third quarter of 2006. Our home price estimates are based on preliminary data and are subject to change as additional data become available.

Note: Estimate based on purchase transactions in Fannie-Freddie acquisition and public deed data available through the end of September 2016. Including subsequent data may lead to materially different results.



### One Year Home Price Change as of 2016 Q3\*

United States: 5.4%



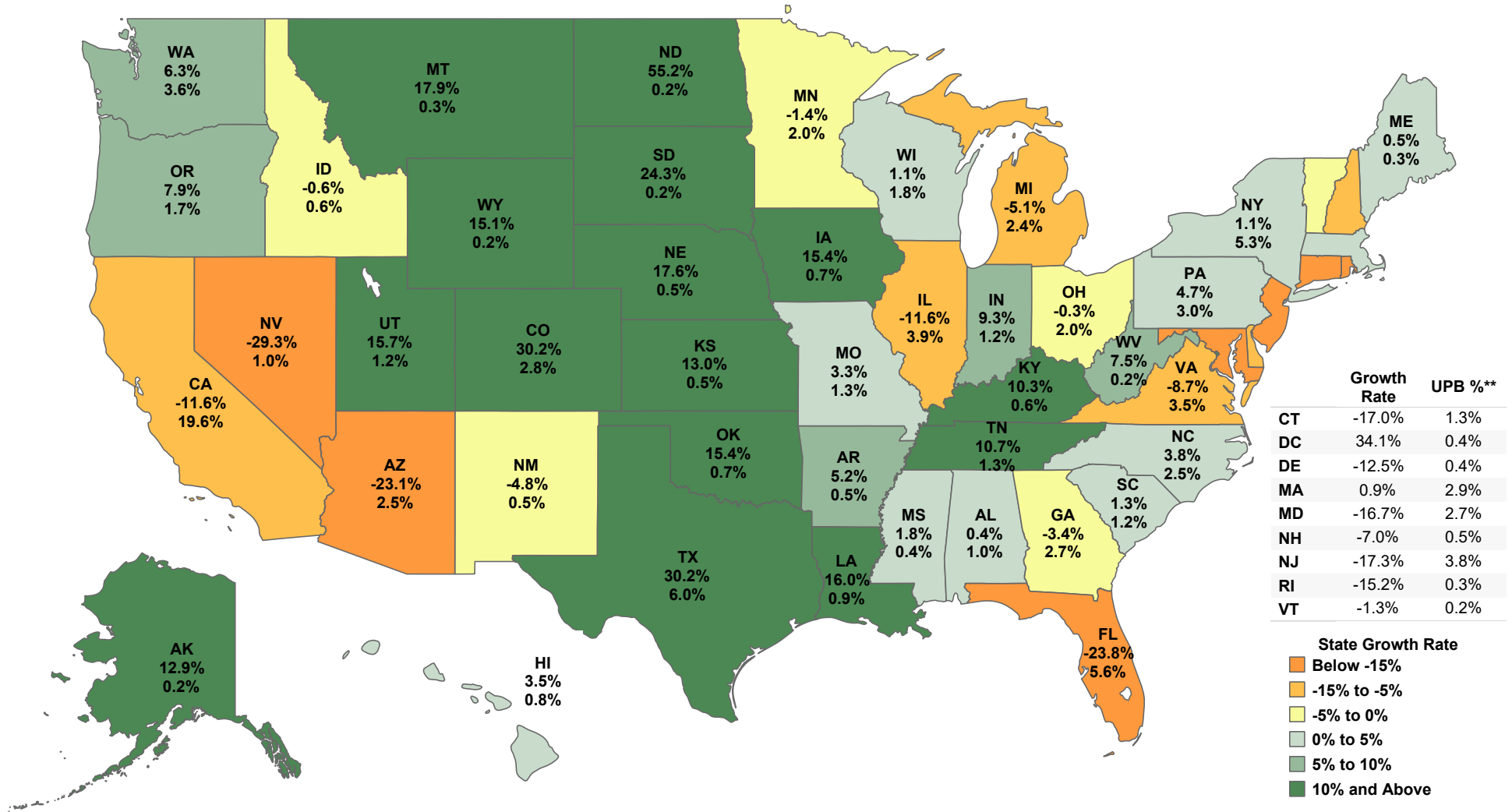
\*Source: Fannie Mae. Home price estimates are based on purchase transactions in Fannie-Freddie acquisition and public deed data available through the end of September 2016. UPB estimates are based on data available through the end of September 2016. Including subsequent data may lead to materially different results.

\*\* "UPB %" refers to unpaid principal balance of loans on properties in the applicable state as a percentage of unpaid principal balance of single-family conventional guaranty book of business for which Fannie Mae has access to loan-level information.



## Home Price Change From 2006 Q3 Through 2016 Q3\*

United States: -1.1%



\*Source: Fannie Mae. Home price estimates are based on purchase transactions in Fannie-Freddie acquisition and public deed data available through the end of September 2016. UPB estimates are based on data available through the end of September 2016. Including subsequent data may lead to materially different results.

\*\* "UPB %" refers to unpaid principal balance of loans on properties in the applicable state as a percentage of unpaid principal balance of single-family conventional guaranty book of business for which Fannie Mae has access to loan-level information.

Note: Home prices on a national basis reached a peak in the third quarter of 2006.

## Credit Characteristics of Single-Family Business Acquisitions<sup>(1)</sup>

Acquisition Period	Q3 2016		Q2 2016		Q1 2016		Full Year 2015		Q4 2015		Q3 2015	
	Single-Family Acquisitions	Excl. Refi Plus <sup>(2)</sup>	Single-Family Acquisitions	Excl. Refi Plus <sup>(2)</sup>	Single-Family Acquisitions	Excl. Refi Plus <sup>(2)</sup>	Single-Family Acquisitions	Excl. Refi Plus <sup>(2)</sup>	Single-Family Acquisitions	Excl. Refi Plus <sup>(2)</sup>	Single-Family Acquisitions	Excl. Refi Plus <sup>(2)</sup>
Unpaid Principal Balance (UPB) (\$B)	\$165.6	\$160.2	\$135.0	\$129.2	\$102.2	\$96.4	\$471.4	\$441.0	\$105.6	\$99.7	\$124.5	\$117.6
Weighted Average Origination Note Rate	3.66%	3.66%	3.83%	3.82%	4.02%	4.01%	3.98%	3.97%	4.04%	4.04%	4.05%	4.04%

### Origination Loan-to-Value (LTV) Ratio

<= 60%	20.6%	20.2%	18.5%	18.0%	18.7%	18.1%	18.2%	17.5%	17.5%	16.9%	17.1%	16.6%
60.01% to 70%	14.3%	14.2%	13.9%	13.8%	13.9%	13.8%	13.7%	13.6%	13.1%	13.0%	12.6%	12.5%
70.01% to 80%	37.8%	38.4%	38.9%	39.7%	39.6%	40.8%	40.0%	41.3%	39.7%	40.8%	40.1%	41.3%
80.01% to 90%	11.8%	11.7%	12.3%	12.2%	12.2%	12.0%	12.5%	12.3%	13.1%	13.0%	12.8%	12.7%
90.01% to 100%	15.3%	15.5%	16.0%	16.3%	15.0%	15.3%	14.9%	15.2%	15.9%	16.3%	16.6%	16.9%
> 100%	0.3%	0.0%	0.4%	0.0%	0.6%	0.0%	0.8%	0.0%	0.7%	0.0%	0.7%	0.0%
Weighted Average Origination LTV Ratio	73.8%	73.9%	74.7%	74.8%	74.5%	74.6%	74.8%	74.8%	75.3%	75.4%	75.6%	75.7%

### FICO Credit Scores<sup>(3)</sup>

< 620	0.3%	0.0%	0.4%	0.0%	0.5%	0.0%	0.6%	0.0%	0.6%	0.0%	0.6%	0.0%
620 to < 660	3.9%	3.6%	4.2%	3.8%	5.2%	4.7%	4.7%	4.2%	5.3%	4.8%	5.0%	4.5%
660 to < 700	10.7%	10.4%	11.8%	11.4%	13.0%	12.6%	12.1%	11.7%	13.0%	12.6%	12.6%	12.2%
700 to < 740	19.9%	19.9%	21.0%	21.1%	21.4%	21.5%	20.4%	20.5%	21.2%	21.3%	20.7%	20.8%
>=740	65.2%	66.1%	62.5%	63.6%	59.8%	61.2%	62.1%	63.5%	59.9%	61.2%	61.1%	62.4%
Weighted Average FICO Credit Score	752	753	749	751	746	748	748	750	746	748	747	749

### Certain Characteristics

Fixed-rate	98.4%	98.4%	98.5%	98.5%	97.7%	97.6%	97.5%	97.4%	97.2%	97.1%	97.5%	97.4%
Adjustable-rate	1.6%	1.6%	1.5%	1.5%	2.3%	2.4%	2.5%	2.6%	2.8%	2.9%	2.5%	2.6%
Alt-A <sup>(4)</sup>	0.2%	0.0%	0.3%	0.0%	0.4%	0.0%	0.4%	0.0%	0.4%	0.0%	0.3%	0.0%
Interest Only	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Investor	5.4%	5.2%	6.1%	5.7%	7.1%	6.6%	7.8%	7.2%	7.4%	6.8%	7.7%	7.2%
Condo/Co-op	9.5%	9.5%	9.9%	10.0%	9.7%	9.7%	10.0%	10.0%	9.9%	10.0%	10.0%	10.1%
Refinance	53.0%	51.5%	53.4%	51.3%	53.7%	50.9%	54.7%	51.6%	49.7%	46.7%	46.1%	42.9%

### Loan Purpose

Purchase	47.0%	48.5%	46.6%	48.7%	46.3%	49.1%	45.3%	48.4%	50.3%	53.3%	53.9%	57.1%
Cash-out refinance	17.8%	18.4%	18.4%	19.2%	20.4%	21.6%	18.6%	19.9%	19.3%	20.5%	18.2%	19.3%
Other refinance	35.2%	33.0%	35.0%	32.1%	33.4%	29.4%	36.1%	31.7%	30.4%	26.2%	27.9%	23.6%

Top 3 Geographic Concentrations	Single-Family Acquisitions	Single-Family Acquisitions	Single-Family Acquisitions	Single-Family Acquisitions	Single-Family Acquisitions	Single-Family Acquisitions
California	22.8%	23.0%	21.7%	23.0%	21.0%	20.6%
Texas	6.9%	7.1%	7.6%	7.2%	7.2%	8.0%
Florida	4.9%	5.4%	5.8%	5.0%	5.3%	5.2%

(1) Percentage calculated based on unpaid principal balance of loans at time of acquisition. Single-family business acquisitions refer to single-family mortgage loans we acquire through purchase or securitization transactions.

(2) Single-family business acquisitions for the applicable period excluding loans acquired under our Refi Plus initiative, which includes the Home Affordable Refinance Program ® ("HARP ®"). Our Refi Plus initiative provides expanded refinance opportunities for eligible Fannie Mae borrowers, and may involve the refinance of existing Fannie Mae loans with high loan-to-value ratios, including loans with loan-to-value ratios in excess of 100%.

(3) FICO credit score is as of loan origination, as reported by the seller of the mortgage loan.

(4) Newly originated Alt-A loans for the applicable periods consist of the refinance of existing loans under our Refi Plus initiative. For a description of our Alt-A loan classification criteria, refer to Fannie Mae's 2016 Q3 Form 10-Q.

## Credit Risk Profile Summary of Single-Family Business Acquisitions<sup>(1)</sup>

### Credit Profile for Single-Family Acquisitions

FICO Credit Score <sup>(2)</sup>	For the Nine Months Ended September 30, 2016					FICO Credit Score <sup>(2)</sup>	For the Nine Months Ended September 30, 2015					FICO Credit Score <sup>(2)</sup>	Change in Acquisitions Profile				
	Origination LTV Ratio						Origination LTV Ratio						Origination LTV Ratio				
	<= 60%	60.01% to 80%	80.01% to 100%	> 100%	Total		<= 60%	60.01% to 80%	80.01% to 100%	> 100%	Total		<= 60%	60.01% to 80%	80.01% to 100%	> 100%	Total
>=740	13.6%	33.4%	15.8%	0.1%	62.9%	>=740	12.9%	34.2%	15.4%	0.3%	62.8%	>=740	0.7%	-0.8%	0.4%	-0.1%	0.2%
660 to < 740	4.9%	16.8%	10.5%	0.2%	32.3%	660 to < 740	4.6%	16.9%	10.2%	0.3%	32.0%	660 to < 740	0.3%	-0.2%	0.3%	-0.1%	0.3%
620 to < 660	0.8%	2.3%	1.1%	0.1%	4.3%	620 to < 660	0.8%	2.5%	1.1%	0.1%	4.6%	620 to < 660	0.0%	-0.2%	0.0%	-0.1%	-0.3%
< 620	0.1%	0.2%	0.1%	0.0%	0.4%	< 620	0.1%	0.2%	0.2%	0.1%	0.6%	< 620	0.0%	-0.1%	-0.1%	0.0%	-0.2%
<b>Total</b>	<b>19.4%</b>	<b>52.7%</b>	<b>27.5%</b>	<b>0.4%</b>	<b>100.0%</b>	<b>Total</b>	<b>18.4%</b>	<b>53.9%</b>	<b>26.9%</b>	<b>0.8%</b>	<b>100.0%</b>	<b>Total</b>	<b>1.0%</b>	<b>-1.2%</b>	<b>0.6%</b>	<b>-0.4%</b>	<b>0.0%</b>

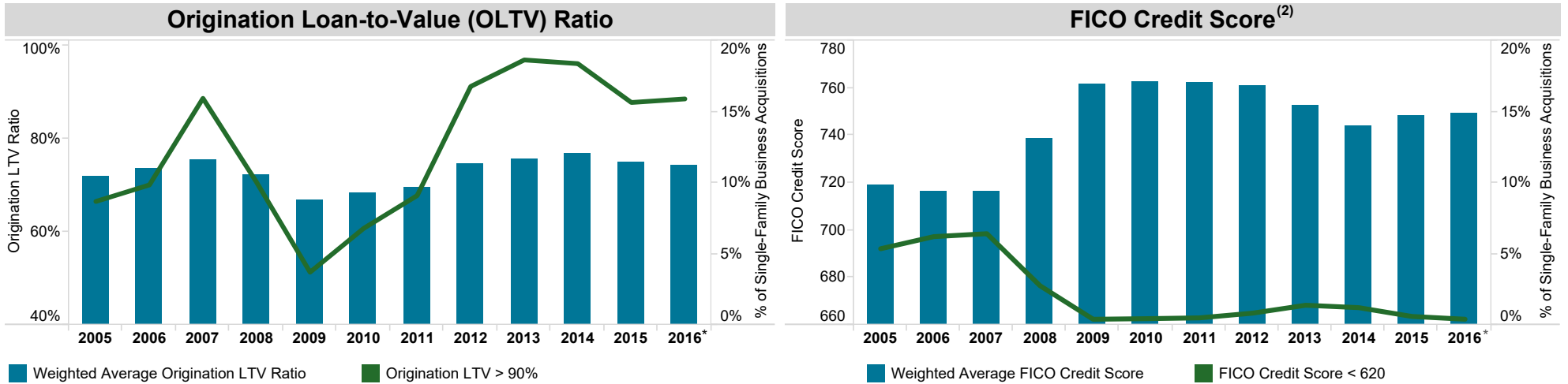
### Credit Profile for Single-Family Acquisitions (Excluding Refi Plus)<sup>(3)</sup>

FICO Credit Score <sup>(2)</sup>	For the Nine Months Ended September 30, 2016					FICO Credit Score <sup>(2)</sup>	For the Nine Months Ended September 30, 2015					FICO Credit Score <sup>(2)</sup>	Change in Acquisitions Profile				
	Origination LTV Ratio						Origination LTV Ratio						Origination LTV Ratio				
	<= 60%	60.01% to 80%	80.01% to 95%	>95%	Total		<= 60%	60.01% to 80%	80.01% to 95%	>95%	Total		<= 60%	60.01% to 80%	80.01% to 95%	>95%	Total
>=740	13.6%	34.3%	15.0%	1.1%	64.0%	>=740	12.8%	35.5%	15.2%	0.7%	64.2%	>=740	0.9%	-1.3%	-0.1%	0.5%	-0.1%
660 to < 740	4.6%	16.9%	9.4%	1.1%	32.0%	660 to < 740	4.3%	17.2%	9.4%	0.8%	31.7%	660 to < 740	0.4%	-0.4%	0.0%	0.3%	0.3%
620 to < 660	0.7%	2.2%	0.9%	0.1%	3.9%	620 to < 660	0.7%	2.4%	0.9%	0.1%	4.1%	620 to < 660	0.0%	-0.2%	0.0%	0.0%	-0.1%
<b>Total</b>	<b>19.0%</b>	<b>53.4%</b>	<b>25.3%</b>	<b>2.3%</b>	<b>100.0%</b>	<b>Total</b>	<b>17.7%</b>	<b>55.2%</b>	<b>25.5%</b>	<b>1.5%</b>	<b>100.0%</b>	<b>Total</b>	<b>1.2%</b>	<b>-1.9%</b>	<b>-0.2%</b>	<b>0.8%</b>	<b>0.0%</b>

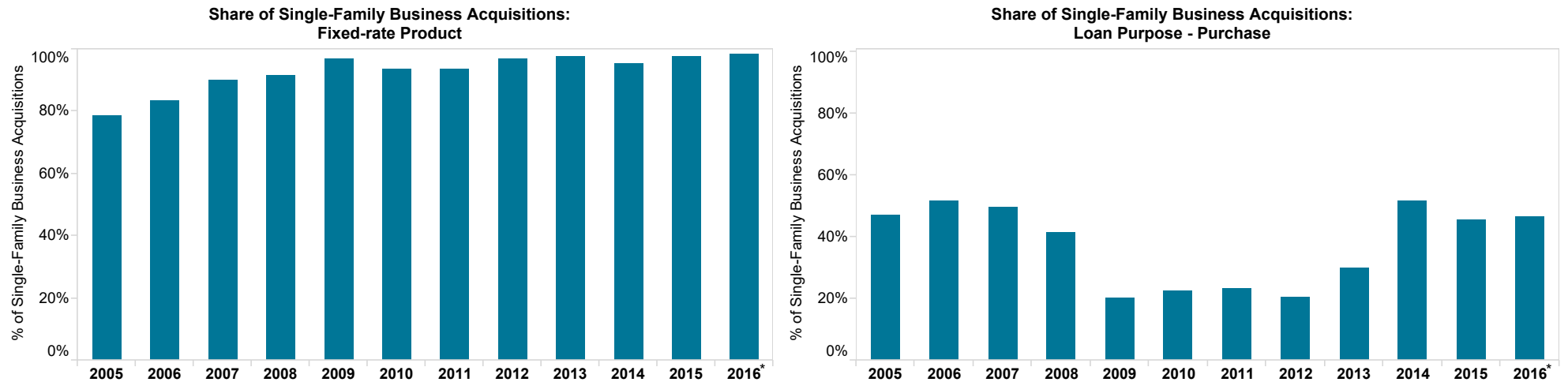
- (1) Percentage calculated based on unpaid principal balance of loans at time of acquisition. Single-family business acquisitions refer to single-family mortgage loans we acquire through purchase or securitization transactions.
- (2) FICO credit score is as of loan origination, as reported by the seller of the mortgage loan. FICO credit scores at origination below 620 primarily consist of the refinance of existing loans under our Refi Plus initiative, which includes the Home Affordable Refinance Program ("HARP"). Our Refi Plus initiative provides expanded refinance opportunities for eligible Fannie Mae borrowers, and may involve the refinance of existing Fannie Mae loans with high loan-to-value ratios, including loans with loan-to-value ratios in excess of 100%.
- (3) Single-family business acquisitions for the applicable period excluding loans acquired under our Refi Plus initiative, which includes HARP.



## Certain Credit Characteristics of Single-Family Business Acquisitions: 2005 - 2016<sup>(1)</sup>



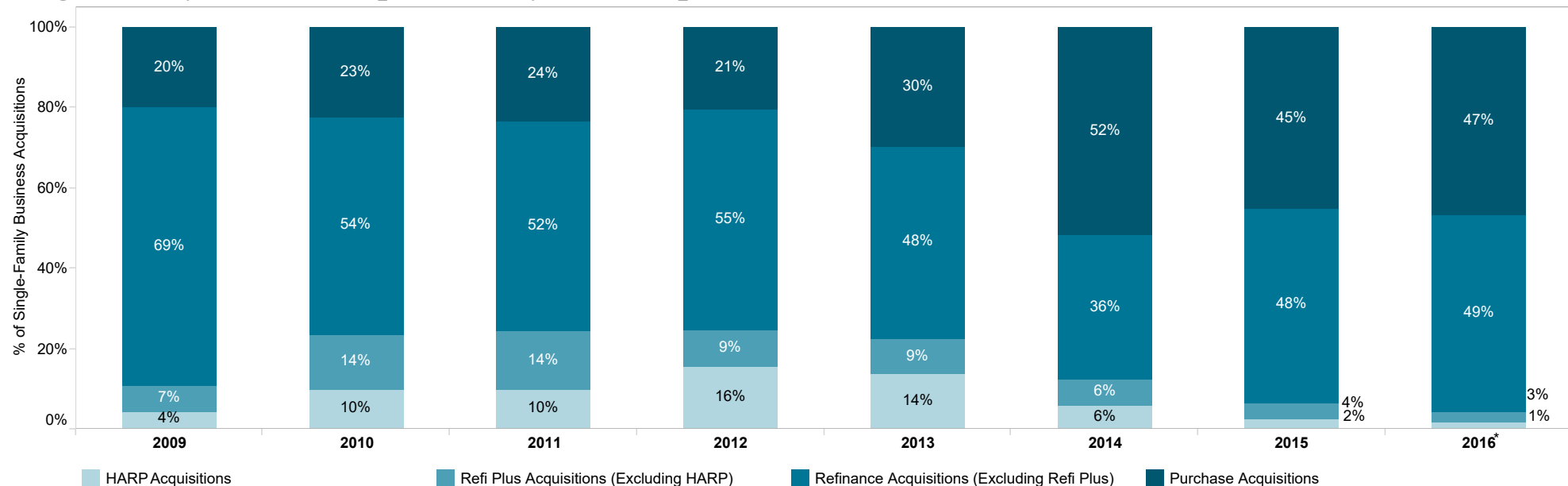
### Product Feature



\* Year-to-date through September 30, 2016.

- (1) Percentage calculated based on unpaid principal balance of loans at time of acquisition. Single-family business acquisitions refer to single-family mortgage loans we acquire through purchase or securitization transactions.
- (2) FICO credit score is as of loan origination, as reported by the seller of the mortgage loan. Loans acquired after 2009 with FICO credit scores at origination below 620 primarily consist of the refinance of existing loans under our Refi Plus initiative, which includes HARP.

## Single-Family Business Acquisitions by Loan Purpose



### Credit Characteristics of Single-Family Business Acquisitions Under the Refi Plus Initiative<sup>(1)</sup>

Acquisition Year	2009		2010		2011		2012		2013		2014		2015		2016*	
	HARP	Refi Plus (Excl. HARP)	HARP	Refi Plus (Excl. HARP)	HARP	Refi Plus (Excl. HARP)	HARP	Refi Plus (Excl. HARP)	HARP	Refi Plus (Excl. HARP)	HARP	Refi Plus (Excl. HARP)	HARP	Refi Plus (Excl. HARP)	HARP	Refi Plus (Excl. HARP)
Unpaid Principal Balance (UPB) (\$B)	\$27.9	\$44.7	\$59.0	\$80.5	\$55.6	\$81.2	\$129.9	\$73.8	\$99.5	\$64.4	\$21.5	\$23.5	\$11.2	\$19.2	\$5.9	\$11.1
Weighted Average Origination Note Rate	5.05%	4.85%	5.00%	4.68%	4.78%	4.44%	4.14%	3.89%	4.04%	3.80%	4.62%	4.39%	4.23%	4.08%	4.10%	3.96%

#### Origination LTV Ratio

	2009	2010	2011	2012	2013	2014	2015	2016*
<=80%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%
80.01% to 105%	99.1%	0.0%	94.4%	0.0%	88.1%	0.0%	57.2%	0.0%
105.01% to 125%	0.9%	0.0%	5.6%	0.0%	11.9%	0.0%	22.1%	0.0%
>125%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.7%	0.0%
Weighted Average Origination LTV Ratio	90.7%	63.3%	92.2%	62.3%	94.3%	60.2%	111.0%	61.1%

#### FICO Credit Scores<sup>(2)</sup>

	2009	2010	2011	2012	2013	2014	2015	2016*
< 620	1.2%	0.8%	2.0%	1.4%	2.1%	1.7%	3.7%	2.9%
620 to < 660	2.5%	1.7%	3.6%	2.4%	3.8%	2.8%	6.0%	4.2%
660 to < 740	31.9%	23.0%	33.1%	23.9%	32.6%	25.6%	33.8%	26.0%
>=740	64.4%	74.5%	61.2%	72.3%	61.5%	70.0%	56.6%	66.9%
Weighted Average FICO Credit Score	749	762	746	760	746	758	738	753

\* Year-to-date through September 30, 2016.

- (1) Our Refi Plus initiative, which started in April 2009, includes the Home Affordable Refinance Program ("HARP"). Our Refi Plus initiative provides expanded refinance opportunities for eligible Fannie Mae borrowers, and may involve the refinance of existing Fannie Mae loans with high loan-to-value ratios, including loans with loan-to-value ratios in excess of 100%.
- (2) FICO credit score is as of loan origination, as reported by the seller of the mortgage loan.

## Credit Characteristics of Single-Family Conventional Guaranty Book of Business by Origination Year

As of September 30, 2016	Overall Book	Origination Year									
		2016	2015	2014	2013	2012	2011	2010	2009	2008	2007 and Earlier
Unpaid Principal Balance (UPB) (\$B) <sup>(1)</sup>	\$2,772.8	\$347.8	\$401.1	\$253.3	\$439.2	\$504.3	\$188.3	\$155.3	\$108.0	\$43.4	\$332.0
Share of Single-Family Conventional Guaranty Book	100.0%	12.5%	14.5%	9.1%	15.8%	18.2%	6.8%	5.6%	3.9%	1.6%	12.0%
Average Unpaid Principal Balance <sup>(1)</sup>	\$162,015	\$226,949	\$207,791	\$179,332	\$174,016	\$176,577	\$145,247	\$144,006	\$140,793	\$139,146	\$97,506
Serious Delinquency Rate	1.24%	0.01%	0.13%	0.38%	0.38%	0.30%	0.42%	0.55%	0.91%	5.06%	4.44%
Weighted Average Origination LTV Ratio	75.0%	74.3%	75.1%	77.0%	76.7%	76.4%	71.2%	71.0%	69.5%	74.8%	75.1%
Origination LTV Ratio > 90%	16.5%	16.1%	16.5%	19.8%	20.5%	19.0%	12.3%	10.2%	6.4%	12.6%	14.3%
Weighted Average Mark-to-Market LTV Ratio	59.4%	72.1%	67.3%	64.4%	56.9%	51.6%	47.4%	48.9%	50.8%	64.6%	62.0%
Mark-to-Market LTV Ratio > 100% and <= 125%	1.6%	0.3%	0.3%	0.7%	1.7%	1.4%	0.1%	0.2%	0.2%	4.1%	6.8%
Mark-to-Market LTV Ratio > 125%	0.5%	0.1%	0.1%	0.2%	0.5%	0.3%	0.0%	0.0%	0.0%	0.9%	2.3%
Weighted Average FICO Credit Score <sup>(2)</sup>	745	749	747	742	750	759	757	756	752	712	698
FICO < 620 <sup>(2)</sup>	2.1%	0.4%	0.6%	1.4%	1.8%	1.1%	0.8%	0.8%	0.9%	6.5%	9.4%
Interest Only	1.8%	0.0%	0.0%	0.0%	0.2%	0.3%	0.5%	0.9%	1.1%	8.6%	12.2%
Negative Amortizing	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%
Fixed-rate	93.8%	98.6%	97.7%	96.0%	97.8%	97.9%	95.8%	96.4%	97.3%	72.1%	69.9%
Primary Residence	88.2%	90.4%	88.1%	86.1%	86.0%	88.6%	87.0%	89.1%	90.6%	88.1%	89.4%
Condo/Co-op	9.3%	9.6%	9.8%	9.8%	10.1%	8.8%	8.4%	8.1%	8.7%	10.5%	9.2%
Credit Enhanced <sup>(3)</sup>	18.5%	27.4%	30.5%	27.0%	17.0%	12.2%	7.5%	5.3%	4.5%	23.6%	16.1%
Cumulative Default Rate <sup>(4)</sup>	n/a	0.0%	0.0%	0.1%	0.2%	0.3%	0.4%	0.6%	0.8%	5.0%	n/a

- (1) Excludes non-Fannie Mae securities held in portfolio and those Alt-A and subprime wraps for which Fannie Mae does not have loan-level information. Fannie Mae had access to detailed loan-level information for approximately 99% of its single-family conventional guaranty book of business as of September 30, 2016.
- (2) FICO credit score is as of loan origination, as reported by the seller of the mortgage loan. Loans acquired after 2009 with FICO credit scores at origination below 620 primarily consist of the refinance of existing loans under our Refi Plus initiative, which includes HARP.
- (3) Unpaid principal balance of all loans with credit enhancement as a percentage of unpaid principal balance of single-family conventional guaranty book of business for which Fannie Mae has access to loan-level information.
- (4) Defaults include loan foreclosures, short sales, sales to third parties at the time of foreclosure and deeds-in-lieu of foreclosure. Cumulative Default Rate is the total number of single-family conventional loans in the guaranty book of business originated in the identified year that have defaulted, divided by the total number of single-family conventional loans in the guaranty book of business originated in the identified year. For 2007 and earlier cumulative default rates, refer to slide 18.

## Credit Characteristics of Single-Family Conventional Guaranty Book of Business by Certain Product Features

As of September 30, 2016	Categories Not Mutually Exclusive <sup>(1)</sup>							Subtotal of Certain Product Features <sup>(1)</sup>
	Interest Only Loans	Loans with FICO < 620 <sup>(2)</sup>	Loans with FICO ≥ 620 and < 660 <sup>(2)</sup>	Loans with Origination LTV Ratio > 90%	Loans with FICO < 620 <sup>(2)</sup> and Origination LTV Ratio > 90%	Alt-A Loans <sup>(3)</sup>	Refi Plus Including HARP <sup>(4)</sup>	
Unpaid Principal Balance (UPB) (\$B) <sup>(5)</sup>	\$50.1	\$58.4	\$150.0	\$457.4	\$17.8	\$90.8	\$446.4	\$929.6
Share of Single-Family Conventional Guaranty Book	1.8%	2.1%	5.4%	16.5%	0.6%	3.3%	16.1%	33.5%
Average Unpaid Principal Balance <sup>(5)</sup>	\$226,550	\$116,606	\$135,273	\$171,960	\$131,813	\$145,083	\$147,961	\$150,983
Serious Delinquency Rate	6.72%	6.95%	4.15%	1.97%	8.14%	5.27%	0.74%	2.32%
Acquisition Years 2005-2008	82.0%	39.7%	26.8%	8.2%	29.6%	58.2%	0.0%	15.7%
Weighted Average Origination LTV Ratio	74.3%	81.9%	79.0%	102.9%	108.5%	78.8%	86.5%	85.9%
Origination LTV Ratio > 90%	8.3%	30.4%	22.8%	100.0%	100.0%	16.5%	39.2%	49.2%
Weighted Average Mark-to-Market LTV Ratio	76.5%	68.5%	66.4%	82.0%	87.9%	69.7%	62.5%	68.9%
Mark-to-Market LTV Ratio > 100% and ≤ 125%	12.9%	7.6%	4.9%	6.1%	16.7%	9.5%	4.3%	4.2%
Mark-to-Market LTV Ratio > 125%	4.1%	2.8%	1.6%	1.9%	6.8%	3.1%	1.1%	1.3%
Weighted Average FICO Credit Score <sup>(2)</sup>	722	583	642	730	583	711	733	718
FICO < 620 <sup>(2)</sup>	1.6%	100.0%	0.0%	3.9%	100.0%	3.0%	5.4%	6.3%
Fixed-rate	24.0%	84.5%	88.2%	96.4%	89.3%	66.1%	99.0%	90.9%
Primary Residence	85.8%	94.3%	93.2%	93.0%	94.0%	77.0%	84.3%	90.0%
Condo/Co-op	14.5%	4.7%	6.1%	9.7%	5.9%	9.6%	9.4%	8.7%
Credit Enhanced <sup>(6)</sup>	13.7%	21.9%	21.3%	65.8%	52.5%	9.9%	12.0%	35.0%

(1) Loans with multiple product features are included in all applicable categories. The subtotal is calculated by counting a loan only once even if it is included in multiple categories.

(2) FICO credit score is as of loan origination, as reported by the seller of the mortgage loan.

(3) For a description of our Alt-A loan classification criteria, refer to Fannie Mae's 2016 Q3 Form 10-Q.

(4) Our Refi Plus initiative, which started in April 2009, includes the Home Affordable Refinance Program ("HARP"). Our Refi Plus initiative provides expanded refinance opportunities for eligible Fannie Mae borrowers, and may involve the refinance of existing Fannie Mae loans with high loan-to-value ratios, including loans with loan-to-value ratios in excess of 100%.

(5) Excludes non-Fannie Mae securities held in portfolio and those Alt-A and subprime wraps for which Fannie Mae does not have loan-level information. Fannie Mae had access to detailed loan-level information for approximately 99% of its single-family conventional guaranty book of business as of September 30, 2016.

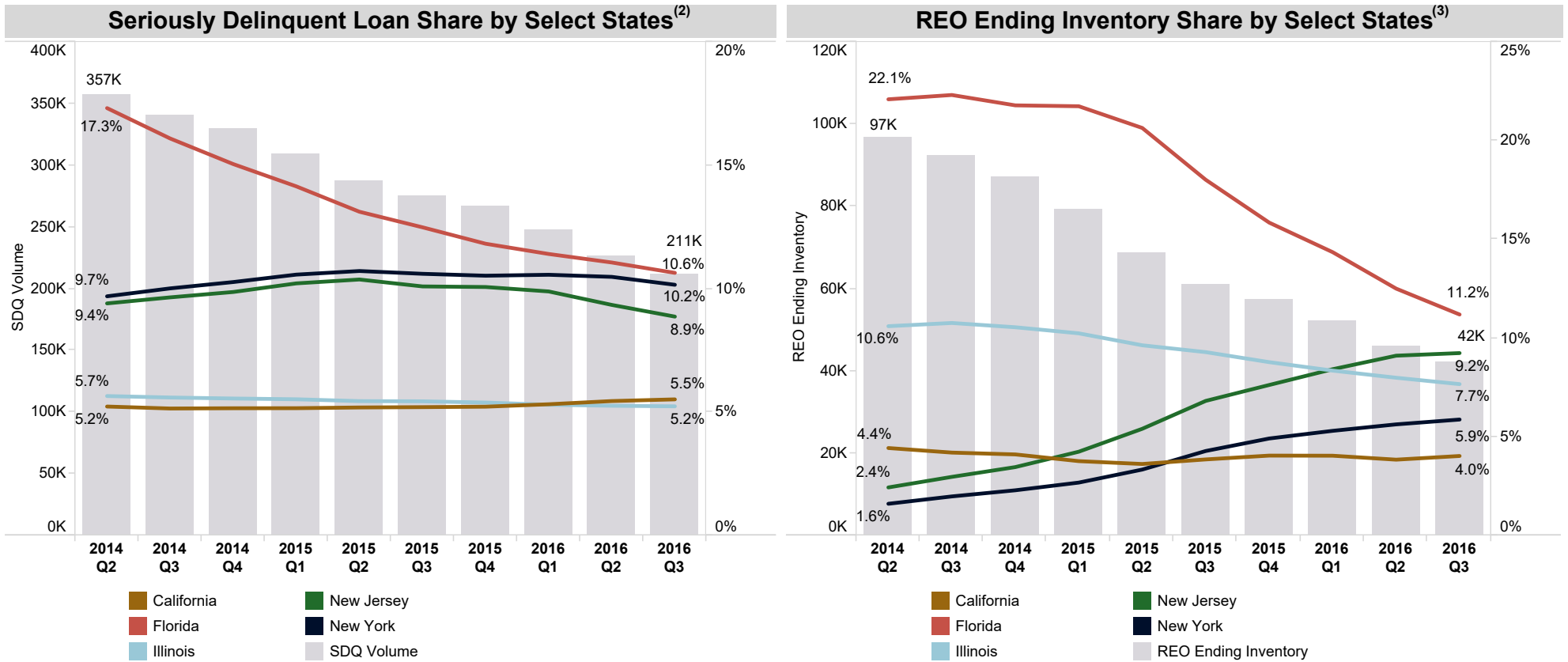
(6) Unpaid principal balance of all loans with credit enhancement as a percentage of unpaid principal balance of single-family conventional guaranty book of business for which Fannie Mae had access to loan-level information.

## Credit Characteristics of Single-Family Conventional Guaranty Book of Business and Single-Family Real Estate Owned (REO) in Select States

Select States <sup>(5)</sup>	SF Conventional Guaranty Book of Business as of September 30, 2016 <sup>(1)</sup>				Seriously Delinquent Loans as of September 30, 2016 <sup>(2)</sup>		Real Estate Owned (REO)				Credit Loss
	Unpaid Principal Balance (UPB) (\$B)	Share of Single-Family Conventional Guaranty Book	Weighted Average Mark-to-Market LTV Ratio	Mark-to-Market LTV >100%	Seriously Delinquent Loan Share <sup>(2)</sup>	Serious Delinquency Rate <sup>(2)</sup>	Q3 2016 Acquisitions (# of properties)	Q3 2016 Dispositions (# of properties)	REO Ending Inventory as of 9/30/16	Average Days to Foreclosure <sup>(3)</sup>	% of YTD 2016 Credit Losses <sup>(4)</sup>
California	\$542.1	19.6%	50.8%	1.1%	5.5%	0.49%	593	669	1,691	655	1.4%
Texas	\$166.6	6.0%	58.3%	0.0%	3.8%	0.68%	332	347	878	733	0.5%
Florida	\$156.0	5.6%	64.6%	7.1%	10.6%	2.05%	1,652	2,704	4,699	1,403	6.8%
New York	\$147.0	5.3%	54.9%	2.2%	10.2%	2.77%	563	686	2,466	1,769	19.8%
Illinois	\$108.2	3.9%	66.1%	5.0%	5.2%	1.47%	717	1,172	3,219	880	8.4%
New Jersey	\$105.7	3.8%	64.2%	5.0%	8.9%	3.47%	771	1,081	3,879	1,770	17.8%
Washington	\$98.7	3.6%	56.0%	0.5%	1.8%	0.74%	171	219	831	1,040	0.8%
Virginia	\$96.4	3.5%	62.4%	1.7%	1.9%	0.80%	341	411	966	556	1.7%
Pennsylvania	\$83.4	3.0%	63.2%	1.6%	4.8%	1.68%	613	710	1,817	932	4.9%
Massachusetts	\$81.4	2.9%	56.2%	0.6%	2.8%	1.42%	207	331	1,198	1,285	2.3%
<b>Regions<sup>(6)</sup></b>											
Midwest	\$410.7	14.8%	63.9%	2.1%	17.1%	1.11%	2,887	3,695	9,832	671	18.4%
Northeast	\$508.1	18.3%	60.0%	2.5%	32.4%	2.33%	2,841	3,597	11,679	1,427	51.7%
Southeast	\$611.5	22.1%	63.5%	3.3%	27.6%	1.44%	3,898	5,762	11,840	964	20.0%
Southwest	\$467.5	16.9%	60.2%	0.9%	12.0%	0.79%	1,622	1,867	4,241	647	5.7%
West	\$775.1	28.0%	52.9%	1.3%	10.9%	0.63%	1,154	1,487	4,381	945	4.2%
<b>Total</b>	<b>\$2,772.8</b>	<b>100.0%</b>	<b>59.4%</b>	<b>2.0%</b>	<b>100.0%</b>	<b>1.24%</b>	<b>12,402</b>	<b>16,408</b>	<b>41,973</b>	<b>965</b>	<b>100.0%</b>

- (1) Based on the unpaid principal balance (UPB) of the single-family conventional guaranty book of business as of September 30, 2016. Excludes non-Fannie Mae securities held in portfolio and those Alt-A and subprime wraps for which Fannie Mae does not have loan-level information. Fannie Mae had access to detailed loan-level information for approximately 99% of its single-family conventional guaranty book of business as of September 30, 2016.
- (2) "Seriously delinquent loans" refers to single-family conventional loans that are 90 days or more past due or in the foreclosure process. "Seriously delinquent loan share" refers to the percentage of our single-family seriously delinquent loan population in the applicable state or region. "Serious delinquency rate" refers to the number of single-family conventional loans that were seriously delinquent in the applicable state or region, divided by the number of loans in our single-family conventional guaranty book of business in that state or region.
- (3) Measured from the borrowers' last paid installment on their mortgages to when the related properties were added to our REO inventory for foreclosures completed during the first nine months of 2016. Home Equity Conversion Mortgages (HECMs) insured by HUD are excluded from this calculation.
- (4) Expressed as a percentage of credit losses for the single-family guaranty book of business. Credit losses consist of (a) charge-offs, net of recoveries and (b) foreclosed property expense (income), adjusted to exclude the impact of fair value losses resulting from credit-impaired loans acquired from MBS trusts. For information on total credit losses, refer to Fannie Mae's 2016 Q3 Form 10-Q.
- (5) Select states represent the top ten states in UPB of the single-family conventional guaranty book of business as of September 30, 2016.
- (6) For information on which states are included in each region, refer to the single-family mortgage credit risk management discussion in Fannie Mae's 2016 Q3 Form 10-Q.

## Seriously Delinquent Loan and REO Ending Inventory Share by Select States<sup>(1)</sup>



Our single-family serious delinquency rate and the period of time that loans remain seriously delinquent continue to be negatively impacted by the length of time required to complete a foreclosure in some states. Longer foreclosure timelines result in these loans remaining in our book of business for a longer time, which has caused our serious delinquency rate to decrease more slowly in the last few years than it would have if the pace of foreclosures had been faster.

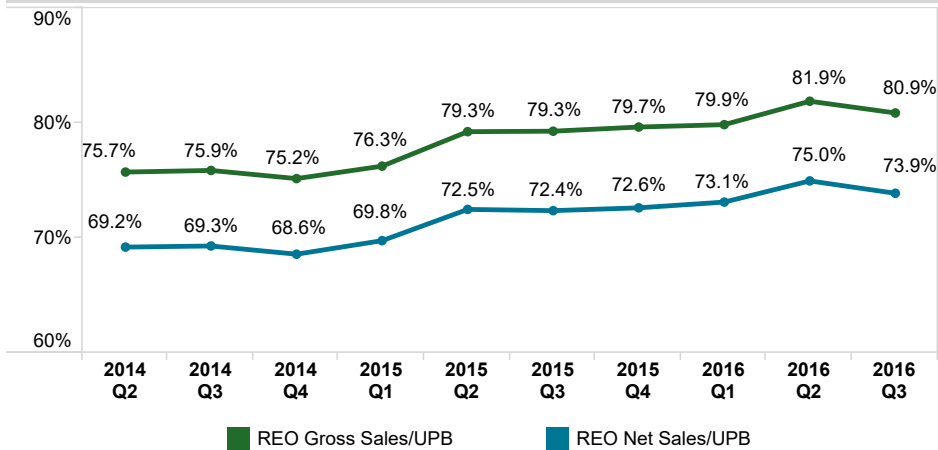
(1) Based on states with the largest volume of seriously delinquent loans in our single-family conventional guaranty book of business as of September 30, 2016.

(2) "Seriously delinquent loan share" refers to the percentage of our single-family seriously delinquent loan population in the applicable state.

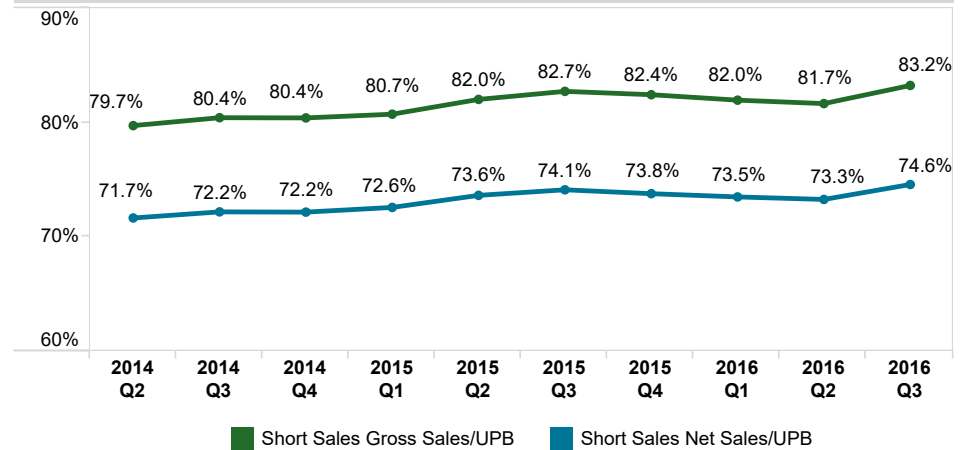
(3) Share of REO ending inventory calculated as the number of properties in the single-family REO ending inventory for the state divided by the total number of single-family properties in the REO ending inventory for the specified time period.

## Single-Family Short Sales and REO Sales Prices to Unpaid Principal Balance (UPB) of Mortgage Loans

### REO<sup>(1)</sup> Direct Sale Dispositions: Sales Prices to UPB<sup>(2)</sup>



### Short Sales: Sales Prices to UPB<sup>(2)</sup>



### Net Sales Prices to UPB Trends for Top 10 States<sup>(2)(3)</sup>

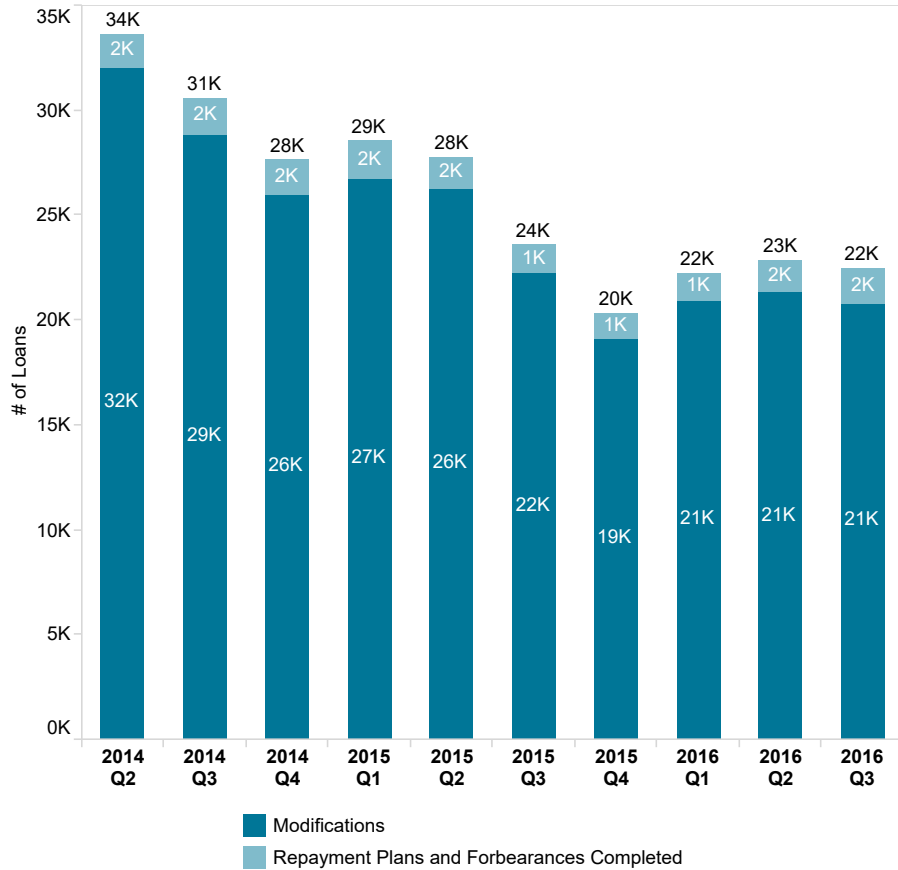
REO Net Sales Prices to UPB	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016
Florida	74.8%	77.5%	78.3%	79.5%	80.1%
Illinois	63.9%	60.9%	63.9%	63.2%	64.3%
New Jersey	58.8%	58.5%	59.6%	61.0%	59.9%
Ohio	63.4%	62.9%	62.6%	62.4%	59.2%
Pennsylvania	61.3%	62.8%	61.0%	66.6%	65.0%
Maryland	67.3%	69.5%	71.4%	73.8%	69.3%
Michigan	65.7%	66.8%	66.0%	65.7%	62.7%
New York	62.9%	67.8%	61.4%	64.5%	68.2%
California	83.1%	84.3%	82.6%	86.6%	88.1%
Georgia	77.5%	78.0%	79.4%	81.3%	79.0%

Short Sales Net Sales Prices to UPB	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016
Florida	72.0%	72.3%	73.9%	71.8%	73.1%
Illinois	66.8%	66.3%	66.1%	65.8%	70.9%
New Jersey	66.9%	66.6%	66.0%	64.9%	65.8%
California	80.0%	81.3%	79.4%	81.2%	80.8%
New York	73.1%	74.1%	72.1%	71.6%	72.9%
Maryland	70.6%	69.1%	71.2%	70.8%	70.8%
Nevada	70.5%	69.5%	71.2%	74.4%	74.3%
Arizona	77.5%	78.8%	74.8%	79.1%	79.0%
Virginia	76.7%	77.2%	77.5%	80.3%	78.6%
Pennsylvania	74.5%	72.1%	75.1%	73.6%	75.3%

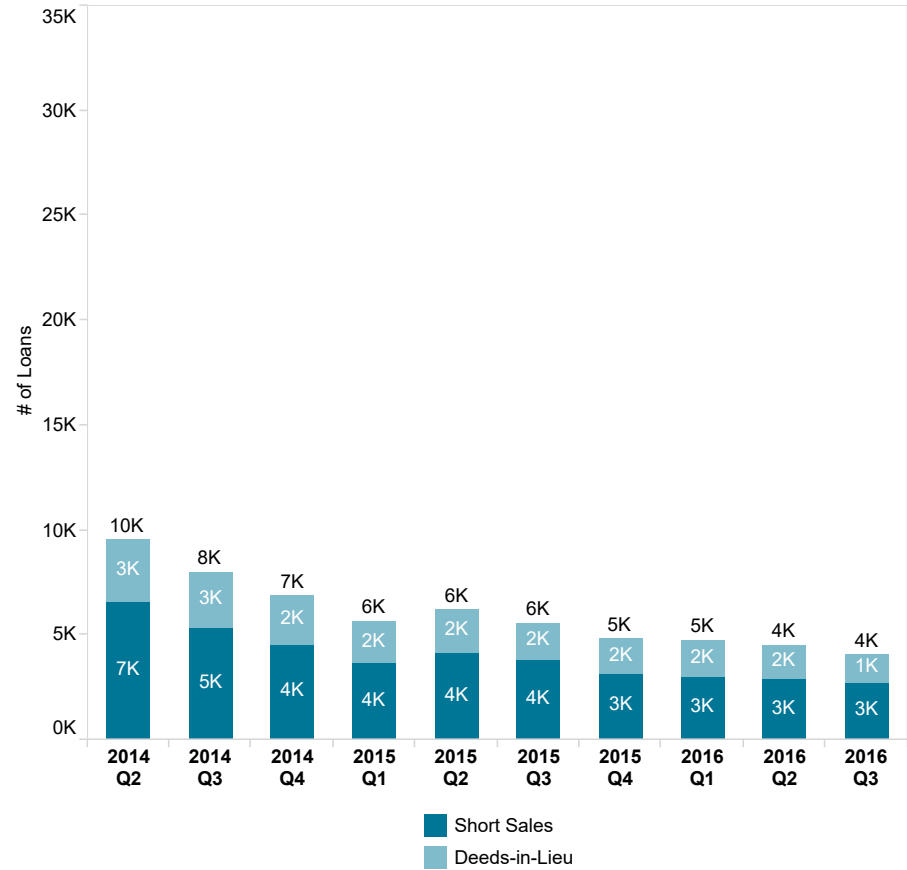
- (1) Includes REO properties that have been sold to a third party (excluding properties that have been repurchased by the seller/servicer, acquired by a mortgage insurance company, redeemed by a borrower, or sold through the FHFA Rental Pilot).
- (2) Sales Prices to UPB are calculated as the sum of sales proceeds received divided by the aggregate unpaid principal balance (UPB) of the related loans. Gross sales price represents the contract sale price. Net sales price represents the contract sale price less charges/credits paid by or due to the seller or other parties at closing.
- (3) The states shown had the greatest volume of properties sold in the first nine months of 2016 in each respective category.

## Single-Family Loan Workouts

### Home Retention Solutions<sup>(1)</sup>



### Foreclosure Alternatives<sup>(2)</sup>



(1) Consists of (a) modifications, which do not include trial modifications, loans to certain borrowers who have received bankruptcy relief that are accounted for as troubled debt restructurings, or repayment plans or forbearances that have been initiated but not completed and (b) repayment plans and forbearances completed.

(2) Consists of (a) short sales, in which the borrower, working with the servicer and Fannie Mae, sells the home prior to foreclosure for less than the amount owed to pay off the loan, accrued interest and other expenses from the sale proceeds and (b) deeds-in-lieu of foreclosure, which involve the borrower's voluntarily signing over title to the property.



## Re-performance Rates of Modified Single-Family Loans<sup>(1)</sup>

	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3	2015 Q4	2016 Q1	2016 Q2
<b>Modifications<sup>(2)</sup></b>	39,159	36,044	32,010	28,861	25,908	26,700	26,214	22,199	19,099	20,899	21,278
<b>% Current or Paid Off</b>											
3 Months Post Modification	84%	83%	79%	79%	80%	79%	77%	76%	78%	79%	77%
6 Months Post Modification	79%	76%	72%	74%	74%	72%	69%	69%	72%	70%	n/a
9 Months Post Modification	74%	72%	71%	71%	70%	68%	67%	67%	67%	n/a	n/a
12 Months Post Modification	73%	72%	70%	69%	67%	67%	67%	64%	n/a	n/a	n/a
15 Months Post Modification	72%	71%	67%	67%	66%	66%	64%	n/a	n/a	n/a	n/a
18 Months Post Modification	71%	70%	66%	67%	67%	65%	n/a	n/a	n/a	n/a	n/a
21 Months Post Modification	71%	69%	68%	68%	66%	n/a	n/a	n/a	n/a	n/a	n/a
24 Months Post Modification	70%	70%	69%	68%	n/a	n/a	n/a	n/a	n/a	n/a	n/a

(1) Modifications reflect permanent modifications which does not include loans currently in trial modifications.

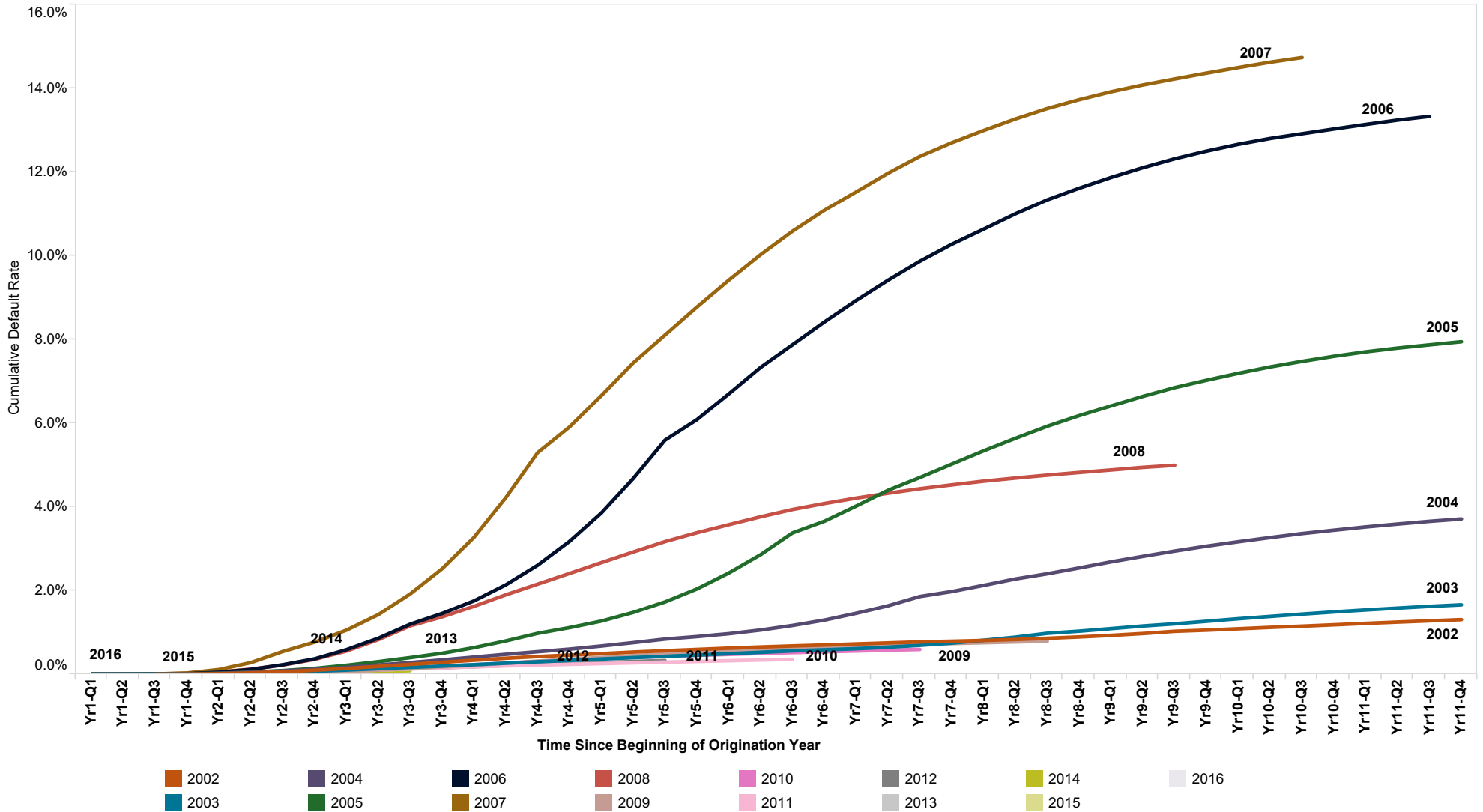
(2) Defined as total number of completed modifications for the time periods noted.

## Credit Loss Concentration of Single-Family Conventional Guaranty Book of Business

Certain Product Features <sup>(3)</sup>	% of Single-Family Conventional Guaranty Book of Business <sup>(1)</sup>						% of Single-Family Credit Losses <sup>(2)</sup>					
	2016	2015	2014	2013	2012	2011	2016	2015	2014	2013	2012	2011
Negative Amortizing	0.1%	0.1%	0.2%	0.2%	0.3%	0.3%	0.3%	1.2%	0.9%	0.8%	0.5%	1.2%
Interest Only	1.8%	2.1%	2.5%	2.9%	3.7%	4.7%	12.2%	18.0%	10.2%	18.7%	21.8%	25.8%
FICO < 620 <sup>(4)</sup>	2.1%	2.3%	2.5%	2.6%	2.9%	3.2%	14.3%	11.1%	12.1%	7.0%	7.8%	7.9%
FICO 620 to < 660 <sup>(4)</sup>	5.4%	5.5%	5.5%	5.5%	6.0%	6.7%	21.5%	18.3%	17.6%	15.7%	14.2%	14.7%
Origination LTV Ratio > 90%	16.5%	16.3%	15.9%	15.1%	12.8%	10.0%	20.9%	16.4%	15.3%	20.8%	16.8%	14.0%
FICO < 620 and Origination LTV Ratio > 90% <sup>(4)</sup>	0.6%	0.7%	0.7%	0.7%	0.7%	0.7%	3.5%	2.7%	2.9%	2.0%	2.3%	2.2%
Alt-A <sup>(5)</sup>	3.3%	3.7%	4.2%	4.7%	5.6%	6.6%	25.6%	29.3%	17.4%	26.0%	23.7%	27.3%
Subprime <sup>(6)</sup>	0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	1.4%	1.6%	1.3%	-0.2%	1.1%	0.6%
Refi Plus including HARP	16.1%	17.6%	19.1%	19.5%	16.5%	11.2%	14.6%	7.8%	10.4%	7.4%	3.5%	1.4%
<b>Vintage</b>												
2009 - 2016	86.5%	84.1%	80.5%	76.2%	65.3%	51.6%	19.5%	10.3%	13.3%	10.0%	5.1%	2.4%
2005 - 2008	8.7%	10.1%	12.2%	14.7%	21.7%	30.4%	64.5%	77.6%	74.7%	77.6%	81.8%	82.9%
2004 & Prior	4.9%	5.8%	7.3%	9.1%	13.1%	18.0%	16.0%	12.1%	12.0%	12.4%	13.1%	14.8%
<b>Select State<sup>(7)</sup></b>												
New York	5.3%	5.4%	5.5%	5.6%	5.6%	5.6%	19.8%	16.4%	4.8%	1.9%	0.9%	0.6%
New Jersey	3.8%	3.9%	4.0%	4.0%	4.0%	4.0%	17.8%	21.6%	7.2%	3.7%	2.0%	0.8%
Illinois	3.9%	4.0%	4.1%	4.1%	4.2%	4.3%	8.4%	7.8%	10.9%	12.9%	9.6%	3.5%
Florida	5.6%	5.6%	5.6%	5.7%	6.0%	6.3%	6.8%	20.8%	32.6%	28.9%	21.4%	11.0%
Pennsylvania	3.0%	3.0%	3.0%	3.1%	3.1%	3.0%	4.9%	3.4%	4.2%	3.0%	1.6%	0.8%
Ohio	2.0%	2.0%	2.1%	2.1%	2.2%	2.3%	4.1%	2.2%	4.2%	4.1%	3.3%	2.1%
Maryland	2.7%	2.7%	2.7%	2.8%	2.8%	2.9%	3.9%	3.8%	5.9%	3.1%	1.8%	0.6%
Connecticut	1.3%	1.3%	1.3%	1.4%	1.4%	1.4%	2.8%	2.3%	2.8%	1.4%	0.9%	0.3%
Massachusetts	2.9%	3.0%	3.0%	3.1%	3.1%	3.1%	2.3%	1.9%	1.0%	0.8%	1.0%	1.2%
Michigan	2.4%	2.4%	2.4%	2.4%	2.5%	2.5%	2.2%	1.5%	1.7%	3.2%	4.5%	5.8%
All Other States	67.0%	66.7%	66.2%	65.8%	65.1%	64.6%	27.0%	18.4%	24.7%	37.1%	53.2%	73.2%

- (1) Based on the unpaid principal balance (UPB) of the single-family conventional guaranty book of business as of December 31 for the time periods noted, with the exception of 2016 which is as of September 30.
- (2) Based on the single-family credit losses for the year ended December 31 for the time periods noted, with the exception of 2016 which is through September 30. Credit losses consist of (a) charge-offs, net of recoveries and (b) foreclosed property expense (income), adjusted to exclude the impact of fair value losses resulting from credit-impaired loans acquired from MBS trusts. Does not reflect the impact of recoveries that have not been allocated to specific loans. Negative values are the result of recoveries on previously recognized credit losses. Beginning in 2015, includes the impact of credit losses associated with our redesignation from held for investment to held for sale of certain nonperforming single-family loans expected to be sold in the foreseeable future. Also, 2015 credit losses include the impact of our approach to adopting the charge-off provisions of the Federal Housing Finance Agency's Advisory Bulletin AB 2012-02, "Framework for Adversely Classifying Loans, Other Real Estate Owned, and Other Assets and Listing Assets for Special Mention" on January 1, 2015.
- (3) Loans with multiple product features are included in all applicable categories. Categories are not mutually exclusive.
- (4) FICO credit score is as of loan origination, as reported by the seller of the mortgage loan.
- (5) Newly originated Alt-A loans acquired after 2008 consist of the refinance of existing loans under our Refi Plus Initiative. For a description of our Alt-A loan classification criteria, refer to Fannie Mae's 2016 Q3 Form 10-Q.
- (6) For a description of our subprime loan classification criteria, refer to Fannie Mae's 2015 Form 10-K.
- (7) Select states represent the top ten states with the highest percentage of single-family credit losses for the nine months ended September 30, 2016.

## Cumulative Default Rates of Single-Family Conventional Guaranty Book of Business by Origination Year



Note: Defaults include loan foreclosures, short sales, sales to third parties at the time of foreclosure and deeds-in-lieu of foreclosure. Cumulative Default Rate is the total number of single-family conventional loans in the guaranty book of business originated in the identified year that have defaulted, divided by the total number of single-family conventional loans in the guaranty book of business originated in the identified year.

Data as of September 30, 2016 is not necessarily indicative of the ultimate performance of the loans and performance is likely to change, perhaps materially, in future periods.

## Multifamily Credit Profile by Loan Attributes

As of September 30, 2016	Loan Count	UPB (\$B)	% of Multifamily Guaranty Book of Business	% DUS @ Loans <sup>(1)</sup>	% Seriously Delinquent <sup>(2)</sup>	YTD 2016 Multifamily Credit Losses (\$M) <sup>(3)</sup>	2015 Multifamily Credit Losses (\$M) <sup>(3)</sup>	2014 Multifamily Credit Losses (\$M) <sup>(3)</sup>
Total Multifamily Guaranty Book of Business	29,206	\$234.8	100%	96%	0.07%	\$2	(\$56)	(\$46)
<b>Lender Risk-Sharing</b>								
Lender Risk-Sharing	26,975	\$219.0	93%	98%	0.07%	\$10	(\$24)	(\$26)
No Recourse to the Lender	2,231	\$15.7	7%	71%	0.08%	(\$8)	(\$32)	(\$20)
<b>Origination LTV Ratio <sup>(4)</sup></b>								
Less than or equal to 70%	18,135	\$126.1	54%	94%	0.06%	(\$1)	(\$24)	(\$11)
Greater than 70% and less than or equal to 80%	9,626	\$103.6	44%	99%	0.08%	\$4	(\$34)	(\$38)
Greater than 80%	1,445	\$5.1	2%	93%	0.11%	(\$1)	\$2	\$3
<b>Delegated Underwriting and Servicing (DUS) Loans <sup>(5)</sup></b>								
DUS - Small Balance Loans <sup>(6)</sup>	7,501	\$14.0	6%	100%	0.22%	\$2	\$3	\$11
DUS - Non Small Balance Loans	14,211	\$212.3	90%	100%	0.05%	\$1	(\$57)	(\$67)
<b>Total</b>	<b>21,712</b>	<b>\$226.3</b>	<b>96%</b>	<b>100%</b>	<b>0.06%</b>	<b>\$3</b>	<b>(\$54)</b>	<b>(\$57)</b>
<b>Non-Delegated Underwriting and Servicing (Non-DUS) Loans</b>								
Non-DUS - Small Balance Loans <sup>(6)</sup>	7,185	\$4.6	2%	0%	0.29%	\$1	\$2	\$11
Non-DUS - Non Small Balance Loans	309	\$3.9	2%	0%	0.19%	(\$3)	(\$5)	\$0
<b>Total</b>	<b>7,494</b>	<b>\$8.5</b>	<b>4%</b>	<b>0%</b>	<b>0.24%</b>	<b>(\$1)</b>	<b>(\$2)</b>	<b>\$11</b>
<b>Maturity Dates</b>								
Loans maturing in 2016	132	\$0.3	0%	82%	5.44%	\$0	(\$6)	\$8
Loans maturing in 2017	2,060	\$9.0	4%	74%	0.10%	(\$5)	(\$15)	(\$19)
Loans maturing in 2018	2,145	\$12.1	5%	96%	0.02%	\$2	\$0	(\$4)
Loans maturing in 2019	2,184	\$17.0	7%	98%	0.30%	\$0	(\$2)	\$1
Loans maturing in 2020	2,474	\$15.8	7%	97%	0.22%	\$4	(\$1)	\$2
Other maturities	20,211	\$180.6	77%	97%	0.03%	\$1	(\$32)	(\$34)
<b>Loan Size Distribution</b>								
Less than or equal to \$750K	5,371	\$1.4	1%	23%	0.23%	\$1	\$1	\$5
Greater than \$750K and less than or equal to \$3M	8,785	\$13.6	6%	81%	0.26%	\$5	\$9	\$19
Greater than \$3M and less than or equal to \$5M	3,985	\$14.5	6%	92%	0.24%	\$3	\$9	(\$9)
Greater than \$5M and less than or equal to \$25M	8,938	\$95.8	41%	98%	0.05%	(\$6)	(\$60)	(\$53)
Greater than \$25M	2,127	\$109.5	47%	98%	0.04%	(\$1)	(\$15)	(\$9)
<b>Interest Rate Type</b>								
Fixed	22,055	\$188.9	80%	96%	0.08%	\$2	(\$22)	\$2
Variable	7,151	\$45.9	20%	97%	0.03%	\$0	(\$34)	(\$49)

(1) Represents the percentage of loans for a given category (row) comprised of DUS loans, measured by unpaid principal balance.

(2) Multifamily loans are classified as seriously delinquent when payment is 60 days or more past due.

(3) Dollar amount of multifamily credit-related losses/(gains) for the applicable period and category. Total credit losses for each period may not tie to sum of all categories due to rounding. The 2014 and 2015 multifamily credit losses for Lender Risk-Sharing loans and loans with No Recourse to the Lender have been corrected from the amounts previously reported.

(4) Weighted average origination loan-to-value ratio is 67% as of September 30, 2016.

(5) Under the Delegated Underwriting and Servicing, or DUS, program, Fannie Mae acquires individual, newly originated mortgages from specially approved DUS lenders using DUS underwriting standards and/or DUS loan documents. Because DUS lenders generally share the risk of loss with Fannie Mae, they are able to originate, underwrite, close and service most loans without our pre-review.

(6) Multifamily loans with an original unpaid balance of up to \$3 million nationwide or up to \$5 million in high cost markets.

## Multifamily Credit Profile by Loan Attributes (cont.)

As of September 30, 2016	UPB (\$B)	% of Multifamily Guaranty Book of Business	% DUS Loans <sup>(1)</sup>	% Seriously Delinquent <sup>(2)</sup>	YTD 2016 Multifamily Credit Losses (\$M) <sup>(3)</sup>	2015 Multifamily Credit Losses (\$M) <sup>(3)</sup>	2014 Multifamily Credit Losses (\$M) <sup>(3)</sup>
Total Multifamily Guaranty Book of Business	\$234.8	100%	96%	0.07%	\$2	(\$56)	(\$46)
<b>By Acquisition Year</b>							
2016	\$40.6	17%	99%	0.00%	\$0	\$0	\$0
2015	\$41.5	18%	99%	0.02%	\$0	\$0	\$0
2014	\$26.9	11%	99%	0.00%	\$0	\$0	\$0
2013	\$23.5	10%	98%	0.06%	\$0	\$0	\$0
2012	\$26.2	11%	97%	0.15%	\$2	\$0	\$0
2011	\$17.0	7%	97%	0.11%	\$0	\$2	\$0
2010	\$12.0	5%	96%	0.17%	\$3	(\$1)	\$2
2009	\$11.1	5%	97%	0.07%	\$0	\$4	(\$3)
2008	\$9.3	4%	92%	0.05%	\$4	(\$20)	(\$4)
2007	\$9.8	4%	67%	0.26%	(\$5)	(\$17)	(\$17)
Prior to 2007	\$17.0	7%	95%	0.15%	(\$4)	(\$24)	(\$25)
<b>Regions</b>							
Midwest	\$20.9	9%	97%	0.17%	\$2	\$1	(\$3)
Northeast	\$38.4	16%	89%	0.05%	\$0	\$4	\$4
Southeast	\$57.4	24%	99%	0.06%	\$3	(\$19)	(\$22)
Southwest	\$51.5	22%	99%	0.10%	(\$2)	(\$11)	(\$21)
West	\$66.5	28%	96%	0.03%	(\$1)	(\$31)	(\$4)
<b>Select States</b>							
California	\$49.4	21%	95%	0.03%	\$0	\$0	(\$2)
Texas	\$27.1	12%	99%	0.17%	\$0	(\$6)	(\$33)
New York	\$23.3	10%	83%	0.05%	\$0	\$1	\$2
Florida	\$16.2	7%	99%	0.00%	\$0	(\$3)	(\$8)
Washington	\$8.8	4%	98%	0.00%	\$0	\$1	\$0
<b>Targeted Affordable Segment</b>							
Privately Owned with Subsidy <sup>(4)</sup>	\$30.8	13%	96%	0.06%	\$2	(\$4)	(\$4)
<b>Asset Class<sup>(5)</sup></b>							
Conventional/Co-op	\$208.3	89%	96%	0.08%	\$0	(\$56)	(\$37)
Seniors Housing	\$12.1	5%	98%	0.00%	\$1	\$7	(\$3)
Manufactured Housing	\$8.3	4%	100%	0.00%	\$0	\$0	(\$2)
Student Housing	\$6.1	3%	100%	0.00%	\$1	(\$7)	(\$4)
<b>DUS &amp; Non-DUS Lenders/Service Providers</b>							
DUS: Bank (Direct, Owned Entity, or Subsidiary)	\$93.9	40%	96%	0.03%	\$1	(\$45)	(\$28)
DUS: Non-Bank Financial Institution	\$136.3	58%	100%	0.09%	\$4	(\$12)	(\$25)
Non-DUS: Bank (Direct, Owned Entity, or Subsidiary)	\$4.1	2%	0%	0.32%	\$0	\$0	\$2
Non-DUS: Non-Bank Financial Institution	\$0.4	0%	0%	0.00%	(\$3)	\$0	\$6
Non-DUS: Public Agency/Non Profit	\$0.1	0%	0%	0.00%	\$0	\$0	\$0

(1) Represents the percentage of loans for a given category (row) comprised of DUS loans, measured by unpaid principal balance.

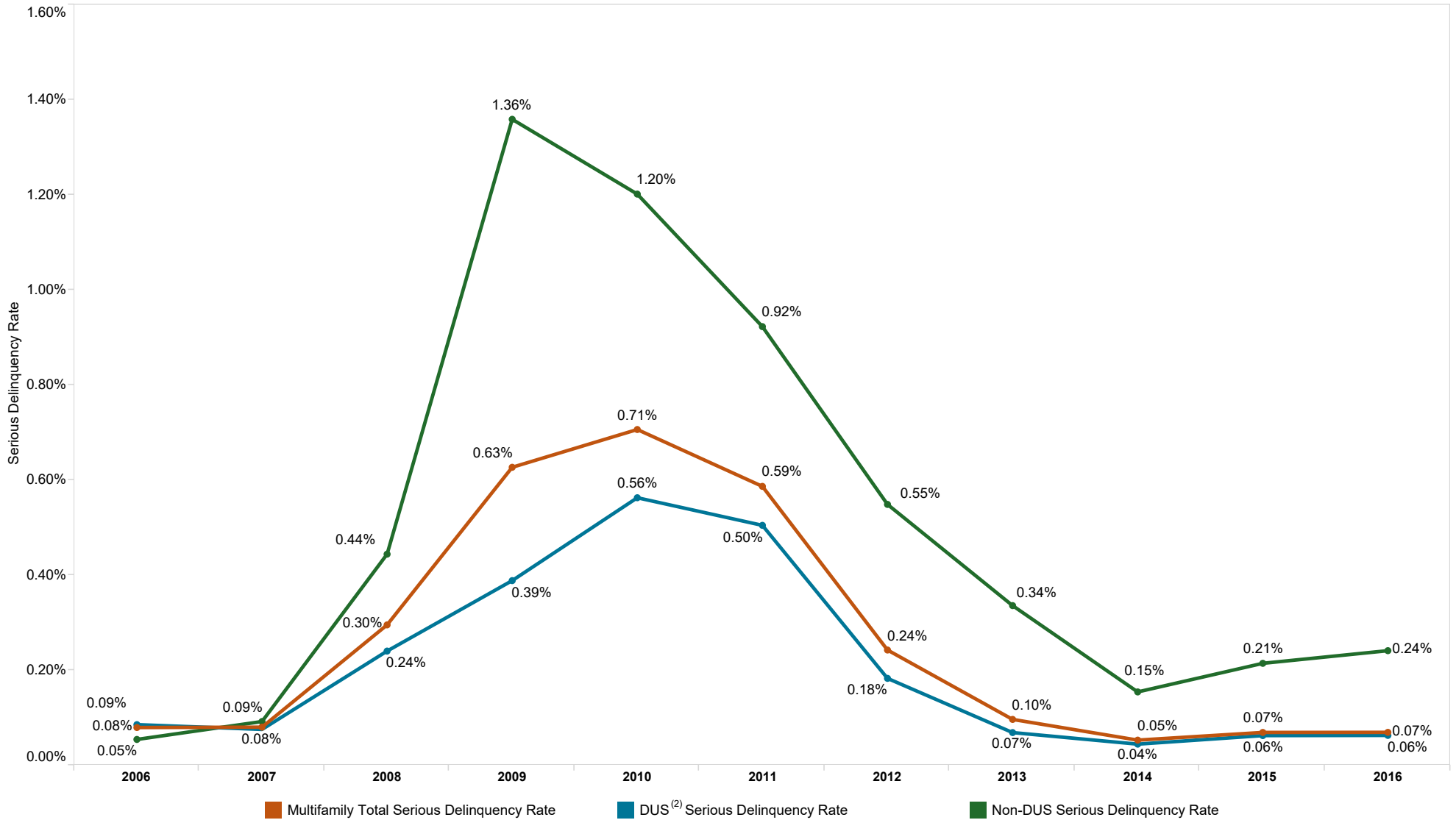
(2) Multifamily loans are classified as seriously delinquent when payment is 60 days or more past due.

(3) Dollar amount of multifamily credit-related losses/(gains) for the applicable period and category. Total credit losses for each period will not tie to sum of all categories due to rounding.

(4) The Multifamily Affordable Business Channel focuses on financing properties that are under an agreement that provides long-term affordability, such as properties with rent subsidies or income restrictions.

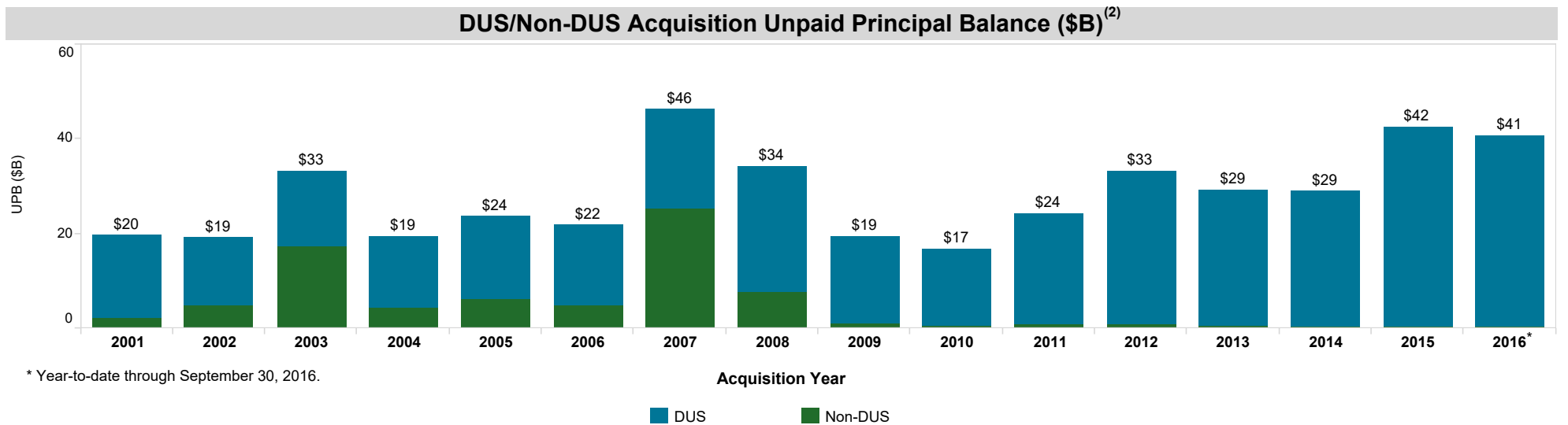
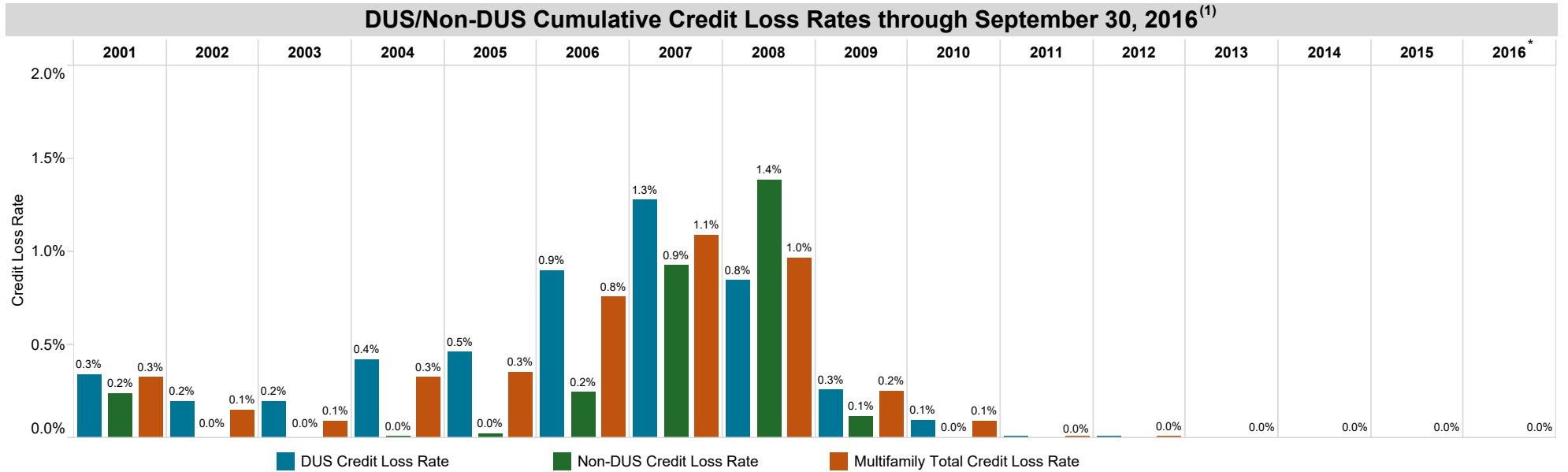
(5) See <https://www.fanniemae.com/multifamily/products> for definitions.

## Serious Delinquency<sup>(1)</sup> Rates of Multifamily Book of Business



- (1) Multifamily loans are classified as seriously delinquent when payment is 60 days or more past due. Serious delinquency rate represents the year-end percentage of unpaid principal balance that is seriously delinquent as of December 31 for the time periods noted, with the exception of 2016 which is as of September 30.
- (2) Under the Delegated Underwriting and Servicing, or DUS, program, Fannie Mae acquires individual, newly originated mortgages from specially approved DUS lenders using DUS underwriting standards and/or DUS loan documents. Because DUS lenders generally share the risk of loss with Fannie Mae, they are able to originate, underwrite, close and service most loans without our pre-review.

## Cumulative Credit Loss Rates of Multifamily Guaranty Book of Business by Acquisition Year



\* Year-to-date through September 30, 2016.

- (1) Cumulative credit loss rate is the cumulative credit losses (gains) through September 30, 2016 on the multifamily loans that were acquired in the applicable period, as a percentage of the total acquired unpaid principal balance of multifamily loans in the applicable period.
- (2) Acquisition unpaid principal balance represents the total Multifamily volume acquired through purchase or securitization transactions for the applicable period.