

# Fannie Mae GeMS<sup>TM</sup> Guaranteed REMIC

## FANNIE MAE MULTIFAMILY REMIC TRUST 2013-M9

Structural and Collateral Term Sheet

\$1,022,159,542

(Approximate Offered Certificates)

Fannie Mae Pass-Through Certificates Series 2013-M9, Class ASQ1, ASQ2, A1, A2, AB1 and AB2

Certificates

June 7, 2013

**Barclays** 

Lead Manager & Sole Bookrunner

**Deutsche Bank Securities** 

Co-Manager

**Jefferies** 

Co-Manager

Fannie Mae GeMS<sup>™</sup>

#### Fannie Mae GeMS<sup>™</sup> Guaranteed REMIC Pass-Through Certificates Fannie Mae Multifamily REMIC Trust 2013-M9

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### II. Certificate Structure

Group	Class	Approximate Initial Certificate Balance or Notional Amount <sup>(1)</sup>	Group % of Initial Certificate Balance <sup>(2)</sup>	Expected Weighted Average Life (Years) <sup>(3)</sup>	Expected Principal Window (Months) <sup>(4)</sup>	Coupon Type	Pricing Speed
1	ASQ1 <sup>(5)</sup>	\$ 50,500,000	11.69%	3.33	1 – 57	Fixed	0% CPY
1	ASQ2	\$ 381,659,343	88.31%	4.90	57 – 60	Fixed	0% CPY
1	X1 <sup>(5)</sup>	\$432,159,343 <sup>(6)</sup>	NA	NA	NA	WAC IO	100% CPY
2	A1	\$ 89,700,000	15.20%	5.18	1 – 111	Fixed	0% CPY
2	A2	\$ 429,500,000	72.80%	9.55	111 – 115	Fixed <sup>(8)</sup>	0% CPY
2	AB1	\$ 12,232,000	2.07%	5.18	1 – 111	Fixed	0% CPY
2	AB2	\$ 58,568,199	9.93%	9.55	111 – 115	Fixed <sup>(8)</sup>	0% CPY
2	X2 <sup>(5)</sup>	\$ 590,000,199 <sup>(7)</sup>	NA	NA	NA	WAC IO	100% CPY

#### Notes:

- (1) The certificate balances and notional amounts are approximate and on the settlement date may vary by up to 5%. Underlying loans may be removed from or added to the mortgage pool prior to the settlement date within the same maximum permitted variance. Any reduction or increase in the aggregate principal balance of underlying loans within these parameters will result in changes to the initial certificate balance or notional amount of each class of certificates and to the other statistical data.
- (2) Approximate as of the settlement date.
- (3) Calculated at 0% CPR.
- (4) The principal window is expressed in months following the settlement date and reflects the period during which distributions of principal would be received under the pricing speed assumptions.
- (5) Classes X1 and X2 and ASQ1 are not being offered.
- (6) The Class X1 notional amount is equal to the aggregate certificate balances of Classes ASQ1 and ASQ2.
- (7) The Class X2 notional amount is equal to the aggregate certificate balances of Classes A1, A2, AB1 and AB2.
- (8) Subject to an Available Funds Cap.

#### III. Issue Characteristics

Issue Characteristics - Group 1

Offered Securities: \$432,159,343 (approximate) monthly pay, fixed-rate, multi-class, commercial

mortgage REMIC Pass-Through Certificates (Class ASQ1 and Class ASQ2)

**Lead Manager & Sole Bookrunner:** Barclays Capital Inc.

Co-Managers: Deutsche Bank Securities Inc. and Jefferies LLC

**Issuer:** Federal National Mortgage Association

**Issuing Entity:** Fannie Mae Multifamily REMIC Trust 2013-M9, a trust to be formed by Fannie Mae

Trustee: Fannie Mae

Cut-off Date: On or about June 1, 2013.

Settlement Date: June 28, 2013

**Distribution Date:** The monthly distribution date for the certificates will be the 25th day of each calendar

month, or on the next business day if the 25th day is not a business day, commencing in

July 2013.

**Accrual:** Each class will accrue interest on a 30/360 basis during the preceding calendar month.

ERISA: It is expected that all offered certificates will be ERISA eligible.

Tax Status: Double REMIC Series

Form of Offering: The certificates are exempt from registration under the Securities Act of 1933 and are

"exempted securities" under the Securities Exchange Act of 1934.

Offered Certificates: The Class ASQ1 and Class ASQ2 Certificates

Optional Termination: None

Minimum Denominations: \$100,000 for Class X1 and \$1,000 for the Class ASQ1 and Class ASQ2 Certificates, \$1 in

excess thereof

Settlement Terms: Book-Entry except for Classes R and RL

Analytics: Cash flows are expected to be available through Bloomberg, L.P., Intex Solutions, Inc,

Trepp LLC and The Yield Book, Inc.

**Bloomberg Ticker:** FNA 2013-M9 <MTGE><GO>

Risk Factors: THE CERTIFICATES INVOLVE CERTAIN RISKS AND MAY NOT BE SUITABLE FOR ALL

INVESTORS. SEE THE "RISK FACTORS" SECTION OF FANNIE MAE'S MULTIFAMILY REMIC

PROSPECTUS.

#### **Issue Characteristics - Group 2**

Offered Securities: \$590,000,109 (approximate) monthly pay, fixed-rate, multi-class, commercial

mortgage REMIC Pass-Through Certificates (Class A1, Class A2, Class AB1 and Class AB2)

Lead Manager & Sole Bookrunner: Barclays Capital Inc.

Co-Managers: Deutsche Bank Securities Inc. and Jefferies LLC

**Issuer:** Federal National Mortgage Association

**Issuing Entity:** Fannie Mae Multifamily REMIC Trust 2013-M9, a trust to be formed by Fannie Mae

Trustee: Fannie Mae

Cut-off Date: On or about June 1, 2013.

Settlement Date: June 28, 2013

**Distribution Date:** The monthly distribution date for the certificates will be the 25th day of each calendar

month, or on the next business day if the 25th day is not a business day, commencing in

July 2013.

Accrual: Each class will accrue interest on a 30/360 basis during the preceding calendar month.

ERISA: It is expected that all offered certificates will be ERISA eligible.

Tax Status: Double REMIC Series

Form of Offering: The certificates are exempt from registration under the Securities Act of 1933 and are

"exempted securities" under the Securities Exchange Act of 1934.

Offered Certificates: The Class A1, Class A2 and Class AB Certificates

Optional Termination: None

Minimum Denominations: \$100,000 for Class X2 and \$1,000 for the Class A1, Class A2, Class AB1 and Class AB2

Certificates, \$1 in excess thereof

Settlement Terms: Book-Entry except for Classes R and RL

Analytics: Cash flows are expected to be available through Bloomberg, L.P., Intex Solutions, Inc,

Trepp LLC and The Yield Book, Inc.

**Bloomberg Ticker:** FNA 2013-M9 <MTGE><GO>

Risk Factors: THE CERTIFICATES INVOLVE CERTAIN RISKS AND MAY NOT BE SUITABLE FOR ALL

INVESTORS. SEE THE "RISK FACTORS" SECTION OF FANNIE MAE'S MULTIFAMILY REMIC

PROSPECTUS.

### IV. Structural Overview

#### Structural Overview - Group 1

Amount of Distributions: On each distribution date, certificateholders will be entitled to receive interest and any

principal required to be paid on their certificates on such distribution date, distributed from

funds available for distribution from the related underlying MBS.

Priority of Principal Distributions: The Group 1 Principal Distribution Amount for any distribution date will be allocated as

follows:

1. Scheduled and unscheduled principal payments included in the principal distribution for each Group 1 MBS, on an aggregate basis, to the ASQ1 and ASQ2

Classes, in that order, until retired.

Prepayment Premiums Distribution: Any Group 1 prepayment premiums that are included in the related MBS distributions for any distribution date will be allocated to the ASQ1, ASQ2 and X1 Classes as follows:

1. to the ASQ1 and ASQ2 Classes, an amount equal to 30% of the Group 1 prepayment premiums multiplied by the percentage equivalent of a fraction, the numerator of which is the Group 1 Principal Distribution Amount payable to that Class on that date and the denominator of which is the Group 1 Principal

Distribution Amount for that date;

2. to the X1 Class, an amount equal to 70% of the Group 1 prepayment premiums

for that date.

Call Protection: The Group 1 collateral pool has a weighted average remaining call protection of 52 months.

Remaining call protection term (months) is calculated from the end of month of the Cut-off Date to the Prepayment Premium End Date and would be one month longer if calculated from the beginning of the month of the Cut-off Date to the Prepayment Premium End Date.

Guarantee: All underlying pools will be guaranteed by Fannie Mae with respect to the full and timely

payment of interest and principal. Fannie Mae's guarantee does not cover any prepayment

premium payments due on the underlying loans.

#### Structural Overview - Group 2

**Amount of Distributions:** 

On each distribution date, certificateholders will be entitled to receive interest and any principal required to be paid on their certificates on such distribution date, distributed from funds available for distribution from the related underlying MBS.

### **Priority of Principal Distributions:**

The Group 2 Principal Distribution Amount for any distribution date will be allocated as follows:

- 1. Scheduled principal payments included in the principal distribution for each Group 2 MBS, on an aggregate basis, as follows:
  - (a) the AB Pro Rata Percentage to the AB1 and AB2 Classes, in that order, until retired, and
  - (b) the Non-AB Pro Rata Percentage to the A1 and A2 Classes, in that order, until retired.
- Unscheduled principal payments included in the principal distribution for each Group 2 MBS, on an aggregate basis, to the AB1, AB2, A1 and A2 Classes in that order, until retired.

The "AB Pro Rata Percentage" for any Distribution Date is equal to the percentage equivalent of a fraction, the numerator of which is the sum of the certificate balances of the AB1 and AB2 Classes immediately before the Distribution Date and the denominator of which is the aggregate certificate balance of the AB1, AB2, A1 and A2 Classes immediately before the date.

The "Non-AB Pro Rata Percentage" for any Distribution Date is equal to 100% minus the AB Pro Rata Percentage for that date.

#### Prepayment Premiums Distribution:

Any Group 2 prepayment premiums that are included in the related MBS distributions for any Distribution Date will be allocated to the A1, A2, AB1, AB2 and X2 Classes as follows:

- 1. to the AB1, AB2, A1 and A2 Classes as follows:
  - on each Distribution Date prior to the Distribution Date on which the AB2 Class is retired, to each of the AB1 and AB2 Classes, an amount equal to 30% of the related prepayment premiums multiplied by the percentage equivalent of a fraction, the numerator of which is the principal payable to that Class on that date and the denominator of which is the aggregate amount of principal payable to the AB1 and AB2 Classes on that date;
  - on each Distribution Date beginning with the Distribution Date on which the AB2 Class is retired, to each of the AB1, AB2, A1 and A2 Classes, an amount equal to 30% of the related prepayment premiums multiplied by the percentage equivalent of a fraction, the numerator of which is the principal payable to that Class on that date and the denominator of which is the Group 2 Principal Distribution Amount for that date; and
- 2. to the X2 Class, an amount equal to 70% of the related prepayment premiums for that date.

#### **Call Protection:**

The Group 2 collateral pool has a weighted average remaining call protection of 108 months. Remaining Call Protection term (months) is calculated from the end of month of the Cut-off Date to the Prepayment Premium End Date and would be one month longer if calculated from the beginning of the month of the Cut-off Date to the Prepayment Premium End Date.

### Guarantee:

All underlying pools will be guaranteed by Fannie Mae with respect to the full and timely payment of interest and principal. Fannie Mae's guarantee does not cover any prepayment premium payments due on the underlying loans.

THE INFORMATION IN THIS STRUCTURAL AND COLLATERAL TERM SHEET IS NOT COMPLETE AND MAY BE AMENDED PRIOR TO THE TIME OF SALE. THIS TERM SHEET IS NOT AN OFFER TO SELL THESE SECURITIES AND IT IS NOT A SOLICITATION OF AN OFFER TO BUY THESE SECURITIES IN ANY JURISDICTION WHERE THE OFFER OR SALE IS NOT PERMITTED.

### V. <u>Collateral Overview</u>

### Group 1<sup>(1)(2)</sup>

Aggregate Cut-off Date Balance	\$432,159,343
Number of Mortgage Loans	74
Average Cut-off Date Balance per Mortgage Loan	\$5,839,991
Number of Mortgaged Properties	74
Weighted Average Mortgage Rate	5.780%
% of Group 1 Secured by 5 Largest Mortgage Loans	20.69%
% of Group 1 Secured by 10 Largest Mortgage Loans	38.09%
Weighted Average Original Term to Maturity (months)	120
Weighted Average Remaining Term to Maturity (months)	59
Weighted Average Seasoning (months)	61

### **Group 1 Amortization**

Weighted Average Original Amortization Term (months) <sup>(3)</sup>	352
Weighted Average Remaining Amortization Term (months) <sup>(3)</sup>	291
% of Group 1 Amortizing Balloon	48.64%
% of Group 1 Interest Only followed by Amortizing Balloon	28.53%
% of Group 1 Interest Only	22.83%

- (1) Unless otherwise indicated, all references to "% of Group 1" in this Term Sheet reflect a percentage of the Group 1 aggregate principal balance as of the Cutoff Date, after application of all payments of principal due during or prior to June 2013.
- (2) The Collateral consists of 74 Fannie Mae multifamily MBS pools containing 74 loans. All loans underlying the pools are monthly-pay, fixed-rate multifamily mortgages.
- (3) Excludes loans that are interest only for the entire term.

#### Group 2<sup>(1)(2)</sup>

Group 2000	
Aggregate Cut-off Date Balance	\$590,000,199
Number of Mortgage Loans	92
Average Cut-off Date Balance per Mortgage Loan	\$6,413,046
Number of Mortgaged Properties	92
Weighted Average Mortgage Rate	3.842%
% of Group 2 Secured by 5 Largest Mortgage Loans	22.16%
% of Group 2 Secured by 10 Largest Mortgage Loans	36.56%
Weighted Average Original Term to Maturity (months)	120
Weighted Average Remaining Term to Maturity (months)	115
Weighted Average Seasoning (months)	5

### **Group 2 Amortization**

Weighted Average Original Amortization Term (months) <sup>(3)</sup>	361
Weighted Average Remaining Amortization Term (months) <sup>(3)</sup>	355
% of Group 2 Amortizing Balloon	49.88%
% of Group 2 Interest Only followed by Amortizing Balloon	47.11%
% of Group 2 Interest Only	3.01%

- (1) Unless otherwise indicated, all references to "% of Group 2" in this Term Sheet reflect a percentage of the Group 2 aggregate principal balance as of the Cutoff Date, after application of all payments of principal due during or prior to June 2013.
- (2) The Collateral consists of 88 Fannie Mae multifamily MBS pools containing 92 loans. All loans underlying the pools are monthly-pay, fixed-rate multifamily mortgages.
- (3) Excludes loans that are interest only for the entire term.

## More information regarding the DUS MBS program can be found on Fannie Mae's website at:

http://www.fanniemae.com/resources/file/mbs/pdf/mbsenger\_0412.pdf

### VI. Collateral Stratification

Top 10 Mortgage Pools – Group 1

Loan	Pool Number	Dromonty Nome	City	Stata	Dranarty Type	Cut-off Date	% of	DSCR	LTV
No.		Property Name	City	State	Property Type	Balance (\$)	Group 1		
1	388100	Village of Barrett's Run Apartments	Newark	DE	Multifamily	\$20,444,336	4.73%	1.69x	62.5%
2	AF0813	Runnymede Gardens	Verona	NJ	Multifamily	\$18,137,000	4.20%	1.96x	68.1%
3	388321	River Lofts at Ashton Mill	Cumberland	RI	Multifamily	\$17,255,756	3.99%	1.41x	67.3%
4	388285	Upland Meadows MHC	Upland	CA	Manufactured Housing	\$17,000,000	3.93%	1.55x	68.4%
5	388065	Tudor Glen Village Apartments	Woburn	MA	Multifamily	\$16,559,460	3.83%	1.39x	72.6%
6	388370	Montgomery Woods	Harleysville	PA	Multifamily	\$15,917,560	3.68%	1.53x	77.7%
7	388396	Lincoln Greens Apartments	Oklahoma City	OK	Multifamily	\$15,907,521	3.68%	1.47x	79.0%
8	388264	Hudson East Apartments	New York	NY	Multifamily	\$15,000,000	3.47%	1.89x	38.1%
9	AF0862	Park City West	Ft. Lauderdale	FL	Manufactured Housing	\$14,430,279	3.34%	1.45x	74.1%
10	388133	Park Vista South	Torrance	CA	Multifamily	\$13,978,390	3.23%	1.69x	48.9%
Total	Total / Weighted Average \$164,630,301 38.09% 1.61x 65						65.9%		

Top 10 Mortgage Pools – Group 2

Loan No.	Pool Number	Property Name	City	State	Property Type	Cut-off Date Balance (\$)	% of Group 2	DSCR	LTV
1	AM2275	Spyglass Hill Apartments	Denver	CO	Multifamily	\$32,935,000	5.58%	1.51x	80.0%
2	AM1511	Olentangy Village	Columbus	ОН	Multifamily	\$26,470,220	4.49%	1.61x	72.5%
3	AM1786	Atrium on James	Kent	WA	Multifamily	\$25,800,000	4.37%	1.40x	72.7%
4	AM2014	Landmark at Granite Park	Charlottesville	VA	Multifamily	\$24,000,000	4.07%	1.51x	69.2%
5	AM2012	Landmark at Lynden Square	Charlotte	NC	Multifamily	\$21,562,000	3.65%	1.5x	67.3%
6	AM2097	Avondale Parc Apartments	Dallas	TX	Multifamily	\$18,600,000	3.15%	1.48x	75.0%
7	AM1453	Landmark at Hampshire Place	Jacksonville	FL	Multifamily	\$17,979,700	3.05%	1.49x	75.0%
8	AM2258	South Front Apartments	Wilmington	NC	Multifamily	\$17,126,125	2.90%	1.46x	75.0%
9	AM2277	Park Place Apartments	Louisville	KY	Multifamily	\$17,000,000	2.88%	1.43x	75.1%
10	AM1454	Landmark at Sage Commons	Jacksonville	FL	Multifamily	\$14,241,000	2.41%	1.53x	72.9%
Total /	Weighted	Average				\$215,714,045	36.56%	1.50x	73.6%

Cut-off Date Balance (\$)

	No. of	Agg	regate	
	Mortgage	Cut-c	off Date	% of
	Loans	Bala	ınce(\$)	Group
\$382,965 - \$2,500,000	23	\$39,	793,374	9.2%
\$2,500,001 - \$5,000,000	23	\$80,	392,050	18.6%
\$5,000,001 - \$7,500,000	11	\$69,	972,107	16.2%
\$7,500,001 - \$10,000,000	3	\$24,	921,406	5.8%
\$10,000,001 - \$15,000,000	7	\$95,	858,774	22.2%
\$15,000,001 - \$20,000,000	6	\$100,	777,297	23.3%
\$20,000,00 - \$20,444,336	1	\$20,	444,336	4.7%
Total:	74	\$432,	159,343	100.0%
Min: \$382,965	Max: \$20,4	44,336	Average	e: \$5,839,991

Property Type

-17 71			
	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
Multifamily	61	\$333,361,710	77.1%
Manufactured Housing	11	\$80,777,257	18.7%
Seniors	1	\$13,635,449	3.2%
Dedicated Student	1	\$4,384,927	1.0%
Total:	74	\$432,159,343	100.0%

Prefix Type

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
HY	70	\$421,297,935	97.5%
MY	4	\$10,861,409	2.5%
Total:	74	\$432,159,343	100.0%

Mortgage Rate (%)

Mortgage Rate (%)			
	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
5.025% - 5.250%	2	\$13,940,026	3.2%
5.251% - 5.500%	12	\$72,248,511	16.7%
5.501% - 5.750%	21	\$133,037,063	30.8%
5.751% - 6.000%	24	\$130,102,286	30.1%
6.001% - 6.250%	14	\$69,196,008	16.0%
6.251% - 6.490%	1	\$13,635,449	3.2%
Total:	74	\$432,159,343	100.0%
Min: 5.025%	Max: 6.490%	Ave	rage: 5.780%

Original Term to Maturity (mos)

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
120	74	\$432,159,343	100.0%
Total:	74	\$432,159,343	100.0%
Min: 120	Max: 120	,	Wtd Avg: 120

Remaining Term to Maturity (mos)

nemaining remite iv			
	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
55	1	\$15,917,560	3.7%
56	1	\$5,276,139	1.2%
58	27	\$146,817,216	34.0%
59	28	\$163,217,086	37.8%
60	17	\$100,931,342	23.4%
Total:	74	\$432,159,343	100.0%
Min: 55	Max: 60	•	Wtd Avg: 59

Original Amortization Term (mos)

Original Amortization Term (mos)					
	No. of	Aggregate			
	Mortgage	Cut-off Date	% of		
	Loans	Balance(\$)	Group		
Interest Only	10	\$98,668,000	22.8%		
240	3	\$20,428,835	4.7%		
300	2	\$3,335,737	0.8%		
360	59	\$309,726,772	71.7%		
Total:	74	\$432,159,343	100.0%		
Min: 0	Max: 360	Non-Zero Wt	d Avg: 352		

Remaining Amortization Term (mos)

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
Interest Only	10	\$98,668,000	22.8%
179 - 240	5	\$23,764,571	5.5%
241 - 300	59	\$309,726,772	71.7%
Total:	74	\$432,159,343	100.0%
Min: 0	Max: 300	Non-Zero W	td Avg: 291/

	Dav	Count
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	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
Actual/360	70	\$421,297,935	97.5%
30/360	4	\$10,861,409	2.5%
Total:	74	\$432,159,343	100.0%

### Most Recent DSCR

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
1.25x- 1.30x	4	\$17,840,967	4.1%
1.31x - 1.40x	7	\$34,415,794	8.0%
1.41x - 1.50x	6	\$60,042,097	13.9%
1.51x - 1.60x	12	\$61,387,571	14.2%
1.61x - 1.70x	7	\$51,653,204	12.0%
1.71x - 1.80x	5	\$35,910,569	8.3%
1.81x - 1.90x	5	\$25,628,435	5.9%
1.91x - 2.00x	2	\$20,042,596	4.6%
2.01x >=	26	\$125,238,110	29.0%
Total:	74	\$432,159,343	100.0%
Min: 1.25x	Max: 4.27x	Wtd	Avg: 1.83x

#### State

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
CA	19	\$97,525,440	22.6%
NY	8	\$38,738,736	9.0%
PA	5	\$33,697,954	7.8%
RI	2	\$22,568,477	5.2%
NE	2	\$20,795,776	4.8%
NJ	2	\$20,694,000	4.8%
DE	1	\$20,444,336	4.7%
MA	2	\$18,147,578	4.2%
TX	2	\$17,623,638	4.1%
VA	2	\$17,045,132	3.9%
FL	2	\$16,019,698	3.7%
ОК	1	\$15,907,521	3.7%
ОН	3	\$12,113,018	2.8%
MD	4	\$11,591,188	2.7%
KS	2	\$11,138,653	2.6%
WA	3	\$8,604,975	2.0%
NC	1	\$7,940,026	1.8%
MN	3	\$6,723,016	1.6%
KY	1	\$6,360,790	1.5%
WI	1	\$6,000,000	1.4%
MI	1	\$5,716,011	1.3%
IN	1	\$3 <u>,</u> 610,518	0 8%
AZ	1	\$2,992,214	0.7%
AL	1	\$2,793,286	0.6%
LA	1	\$2,473,609	0.6%
NM	1	\$2,144,807	0.5%
SC	1	\$1,734,418	0.4%
MO	1	\$1,014,531	0.2%
Total:	74	\$432,159,343	100.0%

### Origination Date LTV Ratio (%)

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
20.0% - 30.0%	7	\$20,025,056	4.6%
30.1% - 40.0%	6	\$35,666,098	8.3%
40.1% - 50.0%	12	\$64,391,234	14.9%
50.1% - 60.0%	12	\$50,963,445	11.8%
60.1% - 70.0%	15	\$127,513,422	29.5%
70.1% - 80.0%	22	\$133,600,089	30.9%
Total:	74	\$432,159,343	100.0%
Min: 20.0%	Max: 80.0%	Wtd	Avg: 60.5%

#### Remaining Prepayment Penalty Term (mos)(1)

	No. of	Aggregate		
	Mortgage	Cut-off Date	% of	
	Loans	Balance(\$)	Group	
48	1	\$15,917,560	3.7%	
49	1	\$5,276,139	1.2%	
51	27	\$146,817,216	34.0%	
52	28	\$163,217,086	37.8%	
53	17	\$100,931,342	23.4%	
Total:	74	\$432,159,343	100.0%	
Min: 48	Max: 53		Wtd Avg: 52	

#### Loan Age (mos)

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
60	17	\$100,931,342	23.4%
61	28	\$163,217,086	37.8%
62	27	\$146,817,216	34.0%
64	1	\$5,276,139	1.2%
65	1	\$15,917,560	3.7%
Total:	74	\$432,159,343	100.0%
Min: 60	Max: 65	•	Wtd Avg: 61
	· ·	·	·

### Pass Through Rate (%)

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
4.785% - 5.000%	6	\$62,726,981	14.5%
5.001% - 5.250%	29	\$125,365,837	29.0%
5.251% - 5.500%	32	\$184,617,745	42.7%
5.501% - 5.750%	6	\$52,407,422	12.1%
5.751% - 5.895%	1	\$7,041,359	1.6%
Total:	74	\$432,159,343	100.0%
Min: 4.785%	Max: 5.895%	Wtd	Avg: 5.266%

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Remaining Prepayment Premium Term is calculated from the end of month of the Cut-off Date to the Prepayment Premium End Date and would be one month longer if calculated from the beginning of the month of the Cut-off Date to the Prepayment Premium End Date.

Cut-off Date Balance (.	\$)
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	No. of	Aggregate	2
	Mortgage	Cut-off Dat	re % of
	Loans	Balance(\$	) Group
\$422,176 - \$2,500,000	28	\$36,696,80	01 6.2%
\$2,500,001 - \$5,000,000	25	\$88,617,50	15.0%
\$5,000,001 - \$7,500,000	12	\$72,441,80	12.3%
\$7,500,001 - \$10,000,000	7	\$57,614,91	9.8%
\$10,000,001 - \$15,000,000	11	\$133,156,12	26 22.6%
\$15,000,001 - \$20,000,000	4	\$70,705,82	25 12.0%
\$20,000,001 - \$25,000,000	2	\$45,562,00	00 7.7%
\$25,000,001 - \$30,000,000	2	\$52,270,22	20 8.9%
\$30,000,001 - \$32,935,000	1	\$32,935,00	00 5.6%
Total:	92	\$590,000,19	99 100.0%
Min: \$422,176	Max: \$32,935	,000 Avera	age: \$6,413,046

### Property Type

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
Multifamily	74	\$537,332,161	91.1%
Cooperative	14	\$35,508,409	6.0%
Manufactured Housing	4	\$17,159,629	2.9%
Total:	92	\$590,000,199	100.0%

### Prefix Type

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
HY	87	\$585,393,509	99.2%
MY	5	\$4,606,690	0.8%
Total:	92	\$590,000,199	100.0%

### Mortgage Rate (%)

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
3.230% - 3.250%	1	\$9,000,000	1.5%
3.251% - 3.500%	5	\$45,574,990	7.7%
3.501% - 3.750%	11	\$111,464,447	18.9%
3.751% - 4.000%	41	\$308,048,306	52.2%
4.001% - 4.250%	24	\$94,495,495	16.0%
4.251% - 4.500%	7	\$16,833,218	2.9%
4.501% - 4.750%	2	\$3,868,154	0.7%
4.751% - 4.820%	1	\$715,588	0.1%
Total:	92	\$590,000,199	100.0%
Min: 3.230%	Max: 4.820%	Wtd A	vg: 3.842%

#### Original Term to Maturity (mos)

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
120	92	\$590,000,199	100.0%
Total:	92	\$590,000,199	100.0%
Min: 120	Max: 120	Wt	td Avg: 120

### Remaining Term to Maturity (mos)

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
111	6	\$15,645,525	2.7%
113	2	\$20,425,624	3.5%
114	6	\$96,525,156	16.4%
115	78	\$457,403,894	77.5%
Total:	92	\$590,000,199	100.0%
Min: 111	Max: 115	Wt	d Avg: 115

### Original Amortization Term (mos)

- 9			
	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
Interest Only	5	\$17,770,000	3.0%
276	1	\$3,184,468	0.5%
300	2	\$4,316,388	0.7%
360	81	\$557,461,429	94.5%
480	3	\$7,267,914	1.2%
Total:	92	\$590,000,199	100.0%
Min: 0	Max: 480	Non-Zero W	/td Avg: 361

### Remaining Amortization Term (mos)

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
Interest Only	5	\$17,770,000	3.0%
241 - 300	3	\$7,500,856	1.3%
301 - 360	81	\$557,461,429	94.5%
361 - 475	3	\$7,267,914	1.2%
Total:	92	\$590,000,199	100.0%
Min: 0	Max: 475	Non-Zero W	td Avg: 355

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	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
Actual/360	87	\$585,393,509	99.2%
30/360	5	\$4,606,690	0.8%
Total:	92	\$590,000,199	100.0%

#### Most Recent DSCR

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
1.32X- 1.40x	18	\$100,554,142	17.0%
1.41x - 1.50x	32	\$212,415,096	36.0%
1.51x - 1.60x	11	\$137,703,111	23.3%
1.61x - 1.70x	7	\$65,598,637	11.1%
1.71x - 1.80x	4	\$10,103,179	1.7%
1.81x >=	20	\$63,626,034	10.8%
Total:	92	\$590,000,199	100.0%
Min: 1.32x	Max: 21.44x	Wtd	Avg: 1.88x

State			
	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
NY	21	\$82,776,864	14.0%
TX	6	\$64,818,076	11.0%
NC	5	\$62,225,318	10.5%
VA	4	\$45,277,630	7.7%
WA	6	\$43,109,995	7.3%
CA	13	\$39,345,879	6.7%
ОН	2	\$37,410,609	6.3%
СО	2	\$36,334,367	6.2%
FL	2	\$32,220,700	5.5%
LA	2	\$20,425,624	3.5%
IL	7	\$18,495,567	3.1%
KY	1	\$17,000,000	2.9%
OR	3	\$16,852,271	2.9%
GA	2	\$10,697,306	1.8%
TN	2	\$10,040,000	1.7%
MO	2	\$9,032,938	1.5%
PA	2	\$9,019,425	1.5%
NM	1	\$8,240,000	1.4%
MD	2	\$7,710,978	1.3%
AZ	2	\$6,708,772	1.1%
WI	1	\$4,319,386	0.7%
NJ	1	\$2,978,417	0.5%
ні	1	\$2,099,504	0.4%
ОК	1	\$2,041,978	0.3%
UT	1	\$818,596	0.1%
Total:	92	\$590.000.199	100.0%

### Origination Date LTV Ratio (%)

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
5.0% - 10.0%	1	\$794,390	0.1%
10.1% - 20.0%	5	\$13,216,623	2.2%
20.1% - 30.0%	1	\$2,668,484	0.5%
30.1% - 40.0%	6	\$13,992,152	2.4%
40.1% - 50.0%	5	\$18,285,555	3.1%
50.1% - 60.0%	8	\$34,066,108	5.8%
60.1% - 70.0%	19	\$113,783,824	19.3%
70.1% - 80.0%	47	\$393,193,063	66.6%
Total:	92	\$590,000,199	100.0%
Min: 5.0%	Max: 80.0%	Wtd	Avg: 68.8%

### Remaining Prepayment Penalty Term (mos)(1)

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
104	6	\$15,645,525	2.7%
106	2	\$20,425,624	3.5%
107	6	\$96,525,156	16.4%
108	78	\$457,403,894	77.5%
Total:	92	\$590,000,199	100.0%
Min: 104	Max: 108	Wt	d Avg: 108

#### Loan Age (mos)

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
5	78	\$457,403,894	77.5%
6	6	\$96,525,156	16.4%
7	2	\$20,425,624	3.5%
9	6	\$15,645,525	2.7%
Total:	92	\$590,000,199	100.0%
Min: 5	Max: 9	•	Wtd Avg: 5

### Pass Through Rate (%)

	No. of	Aggregate	
	Mortgage	Cut-off Date	% of
	Loans	Balance(\$)	Group
2.250% - 2.250%	1	\$8,764,235	1.5%
2.251% - 2.500%	55	\$492,585,409	83.5%
2.501% - 2.750%	32	\$78,376,846	13.3%
2.751% - 2.800%	4	\$10,273,710	1.7%
Total:	92	\$590,000,199	100.0%
Min: 2.250%	Max: 2.800%	Wtd A	Avg: 2.389%

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