

## Fannie Mae GeMS<sup>™</sup> Guaranteed REMIC Fannie Mae Multifamily REMIC Trust 2016-M12 Structural and Collateral Term Sheet

As of November 2, 2016

## Fannie Mae Structured Pass-Through Certificates

Series 2016-M12, Class AV1, AV2, A1, A2, AB1 & AB2 Certificates

# \$[1,031,898,431]

(Approximate Offered Certificates)

## **BofA Merrill Lynch**

Lead Manager & Bookrunner



**Goldman, Sachs & Co.** *Co-Manager*  Jefferies LLC Co-Manager

Mischler Financial Group Co-Manager

# Fannie Mae GeMSTM

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Pool specific information can be found by visiting Fannie Mae's website at:

http://fapt.efanniemae.com/MFSecuritiesLocator/jsp/general/welcome.jsp

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## Certificate Structure

Group	Class	Approximate Initial Certificate Balance or Notional Amount <sup>(1)</sup>	% of Initial Group Aggregate 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	AV1	\$[25,000,000]	11.43%	5.83	1 – 79	Fixed / [AFC]	0% CPY
1	AV2	\$[193,759,658]	88.57%	6.78	79 – 83	Fixed / [AFC]	0% CPY
1	$X1^{(5)(6)}$	\$[218,759,658]	N/A	N/A	N/A	WAC IO	100% CPY
2	A1	\$[101,371,000]	12.47%	5.85	1 – 115	Fixed	0% CPY
2	A2	\$[614,191,120]	75.53%	9.70	115 – 118	WAC	0% CPY
2	AB1	\$[13,823,000]	1.70%	5.85	1 – 115	Fixed	0% CPY
2	AB2	\$[83,753,653]	10.30%	9.70	115 - 118	Fixed/ [AFC]	0% CPY
2	X2 <sup>(5)(7)</sup>	\$[813,138,773]	N/A	N/A	N/A	WAC IO	100% CPY

(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% CPY.

(4) The expected 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) Class X1 and Class X2 are not being offered.

(6) The Class X1 notional amount is equal to the aggregate certificate balance of Class AV1 and Class AV2.

(7) The Class X2 notional amount is equal to the aggregate certificate balance of Class A1, Class A2, Class AB1 and Class AB2.

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Issue Characteristics – Group 1					
Securities:	\$[218,759,658] (approximate) monthly pay, fixed-rate and floating-rate, multi- class, commercial mortgage REMIC Pass-Through Certificates (Class AV1, Class AV2 and Class X1)				
Lead Manager & Sole Bookrunner:	Merrill Lynch, Pierce, Fenner & Smith Incorporated				
Issuer:	Federal National Mortgage Association ("Fannie Mae")				
Issuing Entity:	Fannie Mae Multifamily REMIC Trust 2016-M12, a trust to be formed by Fannie Mae				
Trustee:	Fannie Mae				
Cut-off Date:	On or about November 1, 2016				
Settlement Date:	November 30, 2016				
Distribution Date:	The 25 <sup>th</sup> calendar day of the month, or if such day is not a business day, the following business day, commencing December 2016.				
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 AV1 and Class AV2 Certificates.				
<b>Optional Termination:</b>	None				
Minimum Denominations:	\$100,000 for Class X1 Certificates and \$1,000 for the Class AV1 and Class AV2 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 and Trepp LLC				
Bloomberg Ticker:	FNA 2016-M12 <mtge><go></go></mtge>				
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.				

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	Issue Characteristics – Group 2
Securities:	\$[813,138,773] (approximate) monthly pay, floating-rate, multi-class, commercial mortgage REMIC Pass-Through Certificates (Class A1, Class A2, Class AB1, Class AB2 and Class X2)
Lead Manager & Sole Bookrunner:	Merrill Lynch, Pierce, Fenner & Smith Incorporated
Issuer:	Federal National Mortgage Association ("Fannie Mae")
Issuing Entity:	Fannie Mae Multifamily REMIC Trust 2016-M12, a trust to be formed by Fannie Mae
Trustee:	Fannie Mae
Cut-off Date:	On or about November 1, 2016
Settlement Date:	November 30, 2016
Distribution Date:	The 25 <sup>th</sup> calendar day of the month, or if such day is not a business day, the following business day, commencing December 2016.
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.
<b>Offered Certificates:</b>	The Class A1, Class A2, Class AB1 and Class AB2 Certificates.
<b>Optional Termination:</b>	None
Minimum Denominations:	\$100,000 for Class X2 Certificates 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 and Trepp LLC
Bloomberg Ticker:	FNA 2016-M12 <mtge><go></go></mtge>
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.

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	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 Group 1 MBS pool.
Distribution of Principal:	The Group 1 Principal Distribution Amount for any Distribution Date will be allocated as follows: scheduled and unscheduled principal payments included in the principal distribution for each Group 1 MBS, on an aggregate basis, to the AV1 and AV2 Classes, in that order, until retired.
Distribution of Prepayment Premiums:	On each Distribution Date, any prepayment premiums that are included in the Group 1 MBS distributions on that date will be paid to the AV1, AV2 and X1 Classes as follows:
	<ol> <li>to each of the AV1 and AV2 Classes, an amount equal to 30% of the Group 1 prepayment premiums for that Distribution Date 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 1 Principal Distribution Amount for that Distribution Date;</li> </ol>
	2. to the X1 Class, an amount equal to 70% of the Group 1 prepayment premiums for that Distribution Date.
Call Protection:	17 underlying pools (representing 100% of Group 1) provide for a remaining yield maintenance term. The Group 1 Collateral Pool has a weighted average remaining yield maintenance term of 75 months.
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 pools.

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	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 Group 2 MBS pools.
Distribution of Principal:	The Group 2 Principal Distribution Amount for any Distribution Date will be allocated as follows:
	<ol> <li>The scheduled principal payments included in the principal distribution for each Group 2 MBS, on an aggregate basis, as follows:</li> </ol>
	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.
	2) 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 balance 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 that date.
	The "Non-AB Pro Rata Percentage" for any Distribution Date is equal to 100% minus the AB Pro Rata Percentage for that date.

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## Structural Overview – Group 2 (cont.)

Distribution of Prepayment Premiums:		On each Distribution Date, any prepayment premiums that are included in the Group 2 MBS distributions on that date will be paid to the AB1, AB2, A1, A2 and X2 Classes as follows:				
	1)	to the AB1, AB2, A1 and A2 Classes as follows:				
		a) 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 Group 2 prepayment premiums for that Distribution Date multiplied by the percentage equivalent of a fraction, the numerator of which is the principal payable to that Class on that Distribution Date and the denominator of which is the aggregate principal payable to the AB1 and AB2 Classes for that Distribution Date, and				
		b) 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 Group 2 prepayment premiums for that Distribution Date multiplied by the percentage equivalent of a fraction, the numerator of which is the principal payable to that Class on that Distribution Date and the denominator of which is the Group 2 Principal Distribution Amount for that Distribution Date;				
	2)	to the X2 Class, an amount equal to 70% of the Group 2 prepayment premiums for that Distribution Date.				
Call Protection:	mainten	lying pools (representing 100% of Group 2) provide for a remaining yield ance term. The Group 2 Collateral Pool has a weighted average remaining yield ance term of 111 months.				
Guarantee:	paymen	rlying pools will be guaranteed by Fannie Mae with respect to the full and timely to f interest and principal. Fannie Mae's guarantee does not cover any prepayment n payments due on the underlying pools.				

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## **Collateral Overview**

<u>Group 1</u>	
Aggregate Cut-off Date Balance:	\$218,759,658
Number of Mortgage Loans:	17
Number of Underlying Pools:	17
Average Cut-off Date Balance per Mortgage Pool:	\$12,868,215
Weighted Average Mortgage Rate:	3.793%
Weighted Average Pass-through Rate:	2.348%
Weighted Average Original Term to Maturity (months):	90
Weighted Average Remaining Term to Maturity (months):	81
Weighted Average Seasoning (months):	9
Weighted Average Remaining Yield Maintenance (months):	75

Aggregate Cut-off Date Balance:	\$813,138,773
Number of Mortgage Loans:	44
Number of Underlying Pools:	44
Average Cut-off Date Balance per Mortgage Pool:	\$18,480,427
Weighted Average Mortgage Rate:	3.908%
Weighted Average Pass-through Rate:	2.476%
Weighted Average Original Term to Maturity (months):	121
Weighted Average Remaining Term to Maturity (months):	117
Weighted Average Seasoning (months):	4
Weighted Average Remaining Yield Maintenance (months):	111

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\_25yrs.pdf

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Group 2

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## **Collateral Stratification - Group 1**

Note: Cut-off date principal balance totals may not sum due to rounding.

#### **Underlying Securities by Cut-off Date Principal Balance**

Cut-off Date Principal Balance (\$)	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut-off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
330,647 to 999,999	4	3,000,036	1.37	4.366	2.743	106	81	25	75
2,000,000 to 2,999,999	2	4,828,000	2.21	4.005	2.653	99	81	18	75
3,000,000 to 3,999,999	1	3,500,000	1.60	4.450	3.670	120	80	40	74
4,000,000 to 4,999,999	1	4,082,860	1.87	3.920	2.170	84	81	3	75
5,000,000 to 5,999,999	1	5,264,162	2.41	3.310	2.030	84	83	1	77
7,000,000 to 11,999,999	2	17,885,000	8.18	4.075	2.354	84	80	4	74
12,000,000 to 35,999,999	4	72,209,601	33.01	3.966	2.669	100	80	20	74
36,000,000 to 62,490,000	2	107,990,000	49.36	3.603	2.087	84	82	2	76
Total/Wtd. Avg.:	17	218,759,658	100.00	3.793	2.348	90	81	9	75

#### **Ten Largest Loans**

Pool Number	Property Name	City	State	Property Type	Cut-off Principal Balance (\$)	% of Cut-off Balance	DSCR <sup>(1)</sup>	LTV (%) <sup>(2)</sup>
AN2590	Bay Isle Key Apartments	St. Petersburg	FL	Multifamily	62,490,000	28.6%	2.12X	64.9
AN2635	SETA Apartment Homes	La Mesa	CA	Multifamily	45,500,000	20.8%	2.05X	65.1
AN1983	Ansley at Roberts Lake	Arden	NC	Multifamily	33,670,000	15.4%	1.52X	69.5
AN1337	The Rocks at Chandler Crossings	East Lansing	MI	Dedicated Student	13,480,000	6.2%	2.36X	65.0
AN1970	Mayflower Harbor at Pilgrims Landing	Lehi	UT	Multifamily	13,000,000	5.9%	2.60X	69.9
AF0930	Jackson Tower	St. Paul	MN	Multifamily	12,059,601	5.5%	1.14X	74.9
AN2058	Deer Creek Apartments	Houston	ΤX	Multifamily	10,200,000	4.7%	1.82X	64.8
AN1928	Shadow Ridge Apartments	Houston	ΤX	Multifamily	7,685,000	3.5%	1.69X	65.0
AN3438	Hawaiian Village MHC	Bradenton	FL	Manufactured Housing	5,264,162	2.4%	2.87X	31.2
AN2574	Deer Crossing Apartments	West Bend	WI	Multifamily	4,082,860	1.9%	1.37X	74.5
Total/Wtd. Avg.: 207,431,622 94.8% 1.97X 6						65.9		

 Most Recent Annual DSCR calculations are based on the most recent data using amortizing debt service payments with the exception of the fullterm interest-only loans, which are based on interest-only payments.

(2) As of the loan origination date of the related mortgage pool.

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Note: Cut-off date principal balance totals may not sum due to rounding.

#### Underlying Securities by Most Recent Debt Service Coverage Ratio<sup>(1)</sup>

Most Recent Debt Service Coverage Ratio	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut- off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
1.14x to 1.24x	1	12,059,601	5.51	5.485	5.105	180	78	102	72
1.35 to 1.44	2	4,413,507	2.02	4.119	2.425	91	81	10	75
1.45 to 1.54	1	33,670,000	15.39	3.810	2.130	84	81	3	75
1.55 to 1.64	2	3,783,012	1.73	3.573	2.063	84	81	3	75
1.65 to 1.74	2	8,456,010	3.87	4.234	2.445	84	79	5	73
1.75 to 1.99	3	13,143,367	6.01	4.095	2.497	92	80	12	74
2.00 to 2.49	4	124,970,000	57.13	3.624	2.147	85	82	3	76
2.50 to 2.87	2	18,264,162	8.35	3.346	2.194	84	81	3	75
Total/Wtd. Avg.:	17	218,759,658	100.00	3.793	2.348	90	81	9	75

Minimum Most Recent DSCR1.14xMaximum Most Recent DSCR2.87xWeighted Average Most Recent DSCR1.96x

#### Underlying Securities by Underwritten Loan-to-Value Ratio<sup>(2)</sup>

UW Loan to Value Ratio (%)	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut- off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
31.2 to 39.9	2	5,594,809	2.56	3.503	2.239	90	83	7	77
40.0 to 59.9	1	3,500,000	1.60	4.450	3.670	120	80	40	74
60.0 to 78.9	14	209,664,849	95.84	3.790	2.329	90	81	9	75
Total/Wtd. Avg.:	17	218,759,658	100.00	3.793	2.348	90	81	9	75
Minimum Underwritten LTV Maximum Underwritten LTV Weighted Average Underwritten LTV				31.2% 78.9% 65.8%					

 Most Recent Annual DSCR calculations are based on the most recent data using amortizing debt service payments with the exception of the fullterm interest-only loans, which are based on interest-only payments.

(2) As of the loan origination date of the related mortgage pool.

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Note: Cut-off date principal balance totals may not sum due to rounding.

#### **Underlying Securities by Amortization Type**

Amortization Type	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut-off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
Full Term IO	6	139,970,000	63.98	3.614	2.178	85	82	4	76
Partial IO	5	66,442,601	30.37	4.175	2.724	101	80	21	74
Amortizing Balloon	5	12,016,410	5.49	3.691	2.158	87	82	5	76
Fully Amortizing	1	330,647	0.15	6.570	5.570	180	82	98	76
Total/Wtd. Avg.:	17	218,759,658	100.00	3.793	2.348	90	81	9	75

#### Underlying Securities by Prefix Type<sup>(1)</sup>

Prefix Type	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut- off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
HX	12	199,926,043	91.39	3.663	2.141	84	82	2	76
HY	4	18,502,968	8.46	5.148	4.533	159	79	80	73
HI	1	330,647	0.15	6.570	5.570	180	82	98	76
Total/Wtd. Avg.:	17	218,759,658	100.00	3.793	2.348	90	81	9	75

#### **Underlying Securities by Property Type**

Property Type	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut- off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
Multifamily	14	199,072,130	91.00	3.816	2.364	91	81	10	75
Dedicated Student	1	13,480,000	6.16	3.580	2.230	84	79	5	73
Manufactured Housing	1	5,264,162	2.41	3.310	2.030	84	83	1	77
Seniors	1	943,367	0.43	4.550	2.420	120	78	42	72
Total/Wtd. Avg.:	17	218,759,658	100.00	3.793	2.348	90	81	9	75

 Prefix definitions can be found by visiting Fannie Mae's website at: <u>http://www.fanniemae.com/resources/file/mbs/pdf/pool-prefix-glossary.pdf</u>

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#### Underlying Securities by Mortgage Rate

Mortgage Rate (%)	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut-off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
3.310 to 3.499	2	18,264,162	8.35	3.346	2.194	84	81	3	75
3.500 to 3.999	8	173,205,871	79.18	3.668	2.120	84	82	2	76
4.000 to 4.499	3	11,956,010	5.47	4.297	2.804	95	80	15	74
4.500 to 4.999	2	2,943,367	1.35	4.598	3.215	120	80	40	74
5.000 to 5.499	1	12,059,601	5.51	5.485	5.105	180	78	102	72
6.570	1	330,647	0.15	6.570	5.570	180	82	98	76
Total/Wtd. Avg.:	17	218,759,658	100.00	3.793	2.348	90	81	9	75

Minimum Mortgage Rate	3.310%
Maximum Mortgage Rate	6.570%
Weighted Average Mortgage Rate	3.793%

#### **Underlying Securities by Pass-Through Rate**

Pass-Through Rate (%)	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut- off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
1.960 to 1.999	2	48,328,000	22.09	3.617	1.962	84	83	1	77
2.000 to 2.499	10	151,770,400	69.38	3.680	2.197	84	81	3	75
2.500 to 2.999	1	771,010	0.35	4.170	2.500	84	83	1	77
3.500 to 3.999	2	5,500,000	2.51	4.512	3.641	120	80	40	74
5.000 to 5.499	1	12,059,601	5.51	5.485	5.105	180	78	102	72
5.570	1	330,647	0.15	6.570	5.570	180	82	98	76
Total/Wtd. Avg.:	17	218,759,658	100.00	3.793	2.348	90	81	9	75

Minimum Pass-Through Rate	1.960%
Maximum Pass-Through Rate	5.570%
Weighted Average Pass-Through Rate	2.348%

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Note: Cut-off date principal balance totals may not sum due to rounding.

#### **Underlying Securities by Day Count**

Day Count	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut- off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
Actual/360	17	218,759,658	100.00	3.793	2.348	90	81	. 9	75
Total/Wtd. Avg.:	17	218,759,658	100.00	3.793	2.348	90	81	. 9	75

#### **Underlying Securities by State**

State	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut- off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
Florida	2	67,754,162	30.97	3.568	2.168	84	82	2	76
California	2	49,000,000	22.40	3.679	2.082	87	83	4	77
North Carolina	1	33,670,000	15.39	3.810	2.130	84	81	3	75
Texas	3	19,885,000	9.09	4.129	2.479	88	80	8	74
Utah	2	15,828,000	7.24	3.398	2.212	84	80	4	74
Michigan	2	14,251,010	6.51	3.612	2.245	84	79	5	73
Minnesota	1	12,059,601	5.51	5.485	5.105	180	78	102	72
Wisconsin	1	4,082,860	1.87	3.920	2.170	84	81	3	75
Colorado	1	955,012	0.44	3.580	2.280	84	81	3	75
Tennessee	1	943,367	0.43	4.550	2.420	120	78	42	72
Arizona	1	330,647	0.15	6.570	5.570	180	82	98	76
Total/Wtd. Avg.:	17	218,759,658	100.00	3.793	2.348	90	81	9	75

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## Collateral Stratification - Group 2

Note: Cut-off date principal balance totals may not sum due to rounding.

#### **Underlying Securities by Cut-off Date Principal Balance**

Cut-off Date Principal Balance(\$)	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut-off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
397,840 to 999,999	1	397,840	0.05	6.360	6.000	240	117	123	111
1,000,000 to 1,999,999	2	2,510,773	0.31	5.539	4.500	180	117	63	111
2,000,000 to 2,999,999	1	2,568,416	0.32	6.205	5.845	240	118	122	112
4,000,000 to 4,999,999	3	14,634,581	1.80	4.137	2.593	120	116	4	110
5,000,000 to 5,999,999	2	11,172,647	1.37	4.404	2.635	120	116	4	110
7,000,000 to 11,999,999	3	31,753,770	3.91	3.954	2.453	120	117	3	111
12,000,000 to 19,999,999	15	240,554,051	29.58	3.908	2.458	120	117	3	111
20,000,000 to 24,999,999	7	163,637,354	20.12	3.777	2.410	120	116	4	110
25,000,000 to 29,999,999	6	165,196,400	20.32	3.849	2.436	120	117	3	111
30,000,000 to 34,999,999	1	33,810,000	4.16	3.870	2.530	120	116	4	110
40,000,000 to 49,999,999	2	88,102,943	10.83	4.011	2.517	120	117	3	111
50,000,000 to 58,800,000	1	58,800,000	7.23	3.940	2.450	120	116	4	110
Total/Wtd. Avg.:	44	813,138,773	100.00	3.908	2.476	121	117	4	111

#### **Ten Largest MBS Pools**

Pool Number	Property Name	City	State	Property Type	Cut-off Principal Balance (\$)	% of Cut-off Balance	DSCR <sup>(1)</sup>	LTV (%) <sup>(2)</sup>
AN1438	WestHaven at Vinings	Atlanta	GA	Multifamily	58,800,000	7.2%	1.27X	79.5
AN2190	Solaire Wheaton	Silver Spring	MD	Multifamily	46,102,943	5.7%	1.26X	67.2
AN2387	Boundary at West End	Greenville	NC	Multifamily	42,000,000	5.2%	1.30X	68.9
AN1810	The District at Vinings	Atlanta	GA	Multifamily	33,810,000	4.2%	1.28X	70.0
AN2524	Alta West	Dallas	ΤХ	Multifamily	29,682,000	3.7%	1.25X	67.2
AN2391	Stadium View Apartments	Bozeman	MT	Dedicated Student	28,145,000	3.5%	1.44X	65.0
AN2469	Progress 910 Apartments	Wilmington	NC	Dedicated Student	27,078,000	3.3%	1.32X	73.2
AN2148	Osprey Pointe Apartments	St. Petersburg	FL	Multifamily	26,800,000	3.3%	1.39X	74.9
AN1804	University Edge Apartments	South Bend	IN	Dedicated Student	26,780,000	3.3%	1.45X	65.0
AN1617	Anaheim Gateway 2	Anaheim	CA	Multifamily	26,711,400	3.3%	1.35X	64.6
Total/Wtd. A	Avg.:				345,909,343	45.5%	1.32X	70.3

(1) DSCR calculations are based on the most recent annual data using amortizing debt service payments with the exception of the Full Term IO pools, which were based on interest-only payments.

(2) As of the loan origination date of the related mortgage pool.

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Note: Cut-off date principal balance totals may not sum due to rounding.

#### Underlying Securities by Most Recent Debt Service Coverage Ratio<sup>(1)</sup>

Most Recent Debt Service Coverage Ratio	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut-off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
1.25 to 1.49	31	681,779,688	83.85	3.920	2.451	120	117	3	111
1.50 to 1.74	7	71,439,057	8.79	3.948	2.516	120	117	3	111
2.00 to 2.24	1	2,568,416	0.32	6.205	5.845	240	118	122	112
2.25 to 2.49	1	15,665,000	1.93	3.910	2.590	120	116	4	110
3.00 to 3.24	2	24,638,773	3.03	3.514	2.600	126	117	9	111
3.25 to 3.49	1	397,840	0.05	6.360	6.000	240	117	123	111
4.25	1	16,650,000	2.05	3.380	2.430	120	117	3	111
Total/Wtd. Avg.:	44	813,138,773	100.00	3.908	2.476	121	117	4	111

Minimum Most Recent DSCR	1.25x
Maximum Most Recent DSCR	4.25x
Weighted Average Most Recent DSCR	1.50x

#### Underlying Securities by Underwritten Loan-to-Value Ratio<sup>(2)</sup>

UW Loan to Value Ratio (%)	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut- off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
18.5 to 19.9	1	397,840	0.05	6.360	6.000	240	117	123	111
20.0 to 39.9	2	17,858,773	2.20	3.565	2.664	128	117	11	111
40.0 to 59.9	4	32,171,955	3.96	3.718	2.769	130	117	13	111
60.0 to 64.9	2	51,599,422	6.35	3.441	2.476	120	116	4	110
65.0 to 69.9	13	290,858,132	35.77	3.926	2.477	120	117	3	111
70.0 to 74.9	11	225,289,464	27.71	3.990	2.464	120	117	3	111
75.0 to 79.9	8	155,126,288	19.08	3.948	2.404	120	116	4	110
80.0	3	39,836,900	4.90	4.039	2.465	120	116	4	110
Total/Wtd. Avg.:	44	813,138,773	100.00	3.908	2.476	121	117	4	111
Minimum Under Maximum Under				18.5% 80.0%					

Weighted Average Underwritten LTV 69.3%

 DSCR calculations are based on the most recent annual data using amortizing debt service payments with the exception of the Full Term IO pools, which were based on interest-only payments.

(2) As of the loan origination date of the related mortgage pool.

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Note: Cut-off date principal balance totals may not sum due to rounding.

#### **Underlying Securities by Amortization Type**

Amortization Type	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut-off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
Partial Term IO	25	544,263,800	66.93	3.943	2.459	120	116	4	110
Amortizing Balloon	13	208,954,945	25.70	3.872	2.452	120	117	3	111
Full Term IO	3	55,745,000	6.86	3.529	2.475	120	117	3	111
Fully Amortizing	3	4,175,028	0.51	6.195	5.873	240	118	122	112
Total/Wtd. Avg.:	44	813,138,773	100.00	3.908	2.476	121	117	4	111

#### Underlying Securities by Prefix Type<sup>(1)</sup>

Prefix Type	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut- off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
HY	40	807,661,745	99.33	3.894	2.457	120	117	3	111
MT	3	4,175,028	0.51	6.195	5.873	240	118	122	112
H2	1	1,302,000	0.16	5.000	3.210	125	117	8	111
Total/Wtd. Avg.:	44	813,138,773	100.00	3.908	2.476	121	117	4	111

#### **Underlying Securities by Property Type**

Property Type	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut- off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
Multifamily	37	674,670,465	82.97	3.884	2.477	121	116	4	110
Seniors	1	9,553,770	1.17	4.320	2.570	120	116	4	110
Manufactured Housing	1	4,871,539	0.60	3.690	2.660	120	116	4	110
Dedicated Student	5	124,043,000	15.25	4.016	2.455	120	117	3	111
Total/Wtd. Avg.:	44	813,138,773	100.00	3.908	2.476	121	117	4	111

(1) Prefix definitions can be found by visiting Fannie Mae's website at:

http://www.fanniemae.com/resources/file/mbs/pdf/pool-prefix-glossary.pdf

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Note: Cut-off date principal balance totals may not sum due to rounding.

#### **Underlying Securities by Mortgage Rate**

Mortgage Rate (%)	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut-off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
3.320 to 3.499	4	88,160,732	10.84	3.381	2.429	120	116	4	110
3.500 to 3.999	22	501,049,789	61.62	3.867	2.421	120	117	3	111
4.000 to 4.499	14	218,451,225	26.87	4.164	2.551	120	117	3	111
5.000 to 5.499	1	1,302,000	0.16	5.000	3.210	125	117	8	111
6.000 to 6.360	3	4,175,028	0.51	6.195	5.873	240	118	122	112
Total/Wtd. Avg.:	44	813,138,773	100.00	3.908	2.476	121	117	4	111
Minimum Mortgage F	Rate			.320%					

Maximum Mortgage Rate6.360%Weighted Average Mortgage Rate3.908%

#### **Underlying Securities by Pass-Through Rate**

Pass-Through Rate (%)	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut- off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
2.190 to 2.499	25	578,363,951	71.13	3.854	2.409	120	117	3	111
2.500 to 2.999	15	229,297,794	28.20	3.996	2.580	120	116	4	110
3.000 to 3.499	1	1,302,000	0.16	5.000	3.210	125	117	8	111
5.500 to 5.999	2	3,777,188	0.46	6.178	5.859	240	118	122	112
6.000	1	397,840	0.05	6.360	6.000	240	117	123	111
Total/Wtd. Avg.:	44	813,138,773	100.00	3.908	2.476	121	117	4	111
Minimum Pass-Throug	h Rate		2	.190%					

Maximum Pass-Through Rate	6.000%
Weighted Average Pass-Through Rate	2.476%

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Note: Cut-off date principal balance totals may not sum due to rounding.

#### Underlying Securities by Day Count

Day Count	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut- off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
Actual/360	41	808,963,745	99.49	3.896	2.459	120	117	3	111
30/360	3	4,175,028	0.51	6.195	5.873	240	118	122	112
Total/Wtd. Avg.:	44	813,138,773	100.00	3.908	2.476	121	117	4	111

#### **Underlying Securities by State**

State	Number of Underlying Pools	Cut-off Date Principal Balance (\$)	% of Cut- off Balance	Weighted Average Mortgage Rate (%)	Weighted Average Pass- Through Rate (%)	Weighted Average Original Term to Maturity (Months)	Weighted Average Remaining Term to Maturity (Months)	Weighted Average Loan Age (Months)	Weighted Average Remaining Yield Maintenance (Months)
Texas	12	170,020,403	20.91	3.990	2.439	120	117	3	111
Georgia	5	149,590,000	18.40	3.977	2.473	120	116	4	110
Florida	5	95,537,029	11.75	3.962	2.448	120	116	4	110
California	7	85,886,642	10.56	3.549	2.561	122	116	6	110
North Carolina	2	69,078,000	8.50	4.198	2.604	120	117	3	111
Maryland	2	48,671,359	5.99	3.955	2.544	126	117	9	111
Montana	1	28,145,000	3.46	3.880	2.410	120	117	3	111
Indiana	1	26,780,000	3.29	3.820	2.450	120	117	3	111
Delaware	1	24,888,022	3.06	3.570	2.450	120	117	3	111
Arizona	2	24,809,770	3.05	3.877	2.379	120	117	3	111
Washington	1	21,369,332	2.63	3.460	2.340	120	116	4	110
Virginia	1	18,540,000	2.28	4.060	2.490	120	116	4	110
District of Columbia	1	17,970,716	2.21	3.670	2.300	120	117	3	111
Missouri	1	15,665,000	1.93	3.910	2.590	120	116	4	110
Colorado	1	10,500,000	1.29	3.870	2.340	120	117	3	111
Alabama	1	5,687,500	0.70	4.350	2.660	120	116	4	110
Total/Wtd. Avg.:	44	813,138,773	100.00	3.908	2.476	121	117	4	111

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