



**Fannie Mae™**

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**Fannie Mae GeMS™ Guaranteed REMIC  
Fannie Mae Multifamily REMIC Trust 2020-M53  
Structural and Collateral Term Sheet**

As of December 2, 2020

**Fannie Mae Structured Pass-Through Certificates  
Series 2020-M53, Class A1 & A2 Certificates**

**[\$595,047,250]**

(Approximate Offered Certificates)

**Credit Suisse**

Lead Manager and Bookrunner

**Mizuho Securities**

Co-Manager

**Morgan Stanley**

Co-Manager

**Seibert Williams Shank & Co., LLC**

Co-Manager

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**Fannie Mae GeMS™**

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## Contacts

### **Credit Suisse**

#### **Trading:**

	<b><u>Tel</u></b>
George Geotes	(212) 325-4240
Karen Cady	(212) 325-4240
Russ McKay	(212) 325-4240
Matthew Rigoglioso	(212) 325-4240

#### **Email**

george.geotes@credit-suisse.com  
karen.cady@credit-suisse.com  
russell.mckay@credit-suisse.com  
matthew.rigoglioso@credit-suisse.com

#### **Structuring:**

Chris Anderson	(212) 325-3619
Kavitha Vignarajah	(212) 325-1010

chris.anderson@credit-suisse.com  
kavitha.vignarajah@credit-suisse.com

### **Mizuho Securities**

#### **Banking:**

	<b><u>Tel</u></b>
Thomas Harmon	(212) 205-7588

#### **Email**

thomas.harmon@mizuhogroup.com

#### **Trading:**

Paul Tietz	(646) 949-9820
Wayne Ip	(646) 949-9820

paul.tietz@mizuhogroup.com  
wayne.ip@mizuhogroup.com

### **Morgan Stanley**

#### **CMBS Trading:**

	<b><u>Tel</u></b>
John McGrath	(212) 761-9680
Amanda McHenry	(212) 761-2602

#### **Email**

john.mcgrath1@morganstanley.com  
amanda.mchenry@morganstanley.com

#### **CMBS Syndicate/Structring:**

	<b><u>Tel</u></b>
Nishant Kapur	(212) 761-1483
Tony Giacin	(212) 761-2912
Newland Baldwin	(212) 761-7265
Brandon Atkins	(212) 761-4846

#### **Email**

nishant.kapur@morganstanley.com  
tony.giacin@morganstanley.com  
newland.baldwin@morganstanley.com  
brandon.atkins@morganstanley.com

### **Siebert Williams Shank & Co., LLC**

#### **Syndicate.Trading:**

	<b><u>Tel</u></b>
Kevin McDermott	(212) 373-4271
Matt Fijko	(212) 373-4241

#### **Email**

kmcdermott@siebertwilliams.com  
mfijko@siebertwilliams.com

#### **Banking:**

David Coard	(212) 830-4534
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dcoard@siebertwilliams.com

## Deal Structure

<b>Class</b>	<b>Approximate Initial Certificate Balance or Notional Amount</b>	<b>% of Initial Group Certificate Balance</b>	<b>Expected Weighted Average Life (Years)<sup>(3)</sup></b>	<b>Expected Principal Window Window (Months)<sup>(3)</sup></b>	<b>Coupon Type</b>	<b>Pricing Speed</b>
A1	[88,966,000]	[14.95%]	[7.17]	[1-136]	[Fixed]	0% CPY
A2	[506,081,250]	[85.05%]	[11.56]	[136-143]	[WAC]	0% CPY
X <sup>(1)(2)</sup>	[88,966,000]	N/A	N/A	N/A	WAC IO <sup>(4)</sup>	100% CPY

<sup>(1)</sup> The Class X Notional Amount is equal to the aggregate principal balance of Class A1.

<sup>(2)</sup> Not offered.

<sup>(3)</sup> Calculated at 0 CPY.

<sup>(4)</sup> The Class X Coupon is equal to the positive difference between the weighted average MBS Pass-Thru rate of the Collateral Pool for such distribution date less the Class A1 coupon for such distribution date.

## Issue Characteristics

- **Lead Manager:** Credit Suisse Securities (USA) LLC
- **Co-Managers:** Mizuho Securities USA LLC, Morgan Stanley and Siebert Williams Shank & Co., LLC
- **Issuer:** Federal National Mortgage Association (“Fannie Mae”)
- **Issuing Entity:** Fannie Mae Multifamily REMIC Trust 2020-M53, a trust to be formed by Fannie Mae.
- **Trustee:** Fannie Mae
- **Cut-off Date:** December 1, 2020
- **Settlement Date:** December 30, 2020
- **Distribution Date:** Monthly on the 25<sup>th</sup>, or if such is not a business day, the following business day, commencing January 2021.
- **Accrual:** Each class of certificates 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 and Class A2 Certificates
- **Optional Termination:** None
- **Minimum Denominations:** \$100,000 for Class X Certificates. \$1,000 for Class A1 and Class A2 Certificates, \$1 in excess thereof.

### Issue Characteristics (cont.)

- **Settlement Terms:** Book-Entry except for Class R and Class RL
- **Analytics:** Cash flows are expected to be available through Bloomberg, L.P., Intex Solutions, Inc., and Trepp LLC.
- **Bloomberg Ticker:** FNA 2020-M53 <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.

## Structural Overview

- **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 MBS pools.
  
- **Priority of Principal:** The Principal Distribution Amount for any Distribution Date will be allocated to Class A1 and Class A2, in that order, until retired.
  
- **Prepayment Premiums Distribution:** On each Distribution Date, we will pay any prepayment premiums that are included in the MBS distributions on that date to the A1, A2 and X Classes as follows:
  - to the A1 Class, an amount equal to 30% of the prepayment premiums for that 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 Principal Distribution Amount for that date;
  - to the A2 Class, an amount equal to 100% of the prepayment premiums for that 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 Principal Distribution Amount for that date and;
  - to the X Class, an amount equal to 70% of the prepayment premiums for that date multiplied by the percentage equivalent of a fraction, the numerator of which is the aggregate principal payable to the A1 Class on that date and the denominator of which is the Principal Distribution Amount for that date.



- **Call Protection:** All 106 underlying loans (representing 100% of the collateral pool) provide for a Remaining Yield Maintenance Term. The collateral pool has a weighted average Remaining Yield Maintenance Term of approximately 132<sup>(1)</sup> 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 mortgage loans.

(1) Remaining Yield Maintenance Term (months) is calculated from the end of the 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.

## Collateral Overview

• <b>Aggregate Cut-off Date Balance:</b>	<b>[\$595,047,250]</b>
• <b>Number of Fannie Mae Green Financed Pools:</b>	<b>[4]</b>
• <b>Number of Mortgage Loans:</b>	<b>[106]</b>
• <b>Number of Underlying Pools:</b>	<b>[106]</b>
• <b>Average Cut-off Date Balance per Mortgage Loan:</b>	<b>[\$5,613,653]</b>
• <b>Weighted Average Mortgage Rate:</b>	<b>[3.322%]</b>
• <b>Weighted Average MBS Pass-Through Rate:</b>	<b>[1.684%]</b>
• <b>Weighted Average Original Term to Maturity (months):</b>	<b>[144]</b>
• <b>Weighted Average Remaining Term to Maturity (months):</b>	<b>[139]</b>
• <b>Weighted Average Seasoning (months):</b>	<b>[5]</b>
• <b>Weighted Average Remaining Yield Maintenance Term (months)<sup>(1)</sup>:</b>	<b>[132]</b>
• <b>Weighted Average Remaining Interest Only Term (months)<sup>(2)</sup>:</b>	<b>[66]</b>

<sup>(1)</sup> Remaining Yield Maintenance Term (months) is calculated from the end of the 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.

<sup>(2)</sup> Weighted Average Remaining Interest Only Term (months) excludes all pools that do not contain Interest Only Terms from the calculation.

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\\_060818.pdf](http://www.fanniemae.com/resources/file/mbs/pdf/mbsenger_060818.pdf)

## Collateral Stratification

Underlying Securities by State									
State	Number of Underlying Securities	Cut-off Principal Balance	% of Cut-off Principal Balance	Weighted Average Mortgage Rate	Weighted Average Pass Thru 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 Term (Months) <sup>(1)</sup>
TX	11	\$ 78,433,899	13.18%	3.416%	1.629%	144	140	4	133
MD	3	63,859,381	10.73%	2.925%	1.489%	144	141	3	134
NY	8	60,967,294	10.25%	3.334%	1.886%	144	137	7	130
CT	7	59,954,847	10.08%	3.433%	1.570%	144	139	5	132
CO	3	35,191,083	5.91%	3.007%	1.529%	144	138	6	131
IL	5	32,244,290	5.42%	3.700%	2.351%	144	136	8	129
WA	3	31,382,000	5.27%	3.003%	1.513%	144	140	4	133
OR	6	31,142,230	5.23%	3.418%	1.735%	144	140	4	133
FL	6	28,598,061	4.81%	3.058%	1.573%	144	139	5	132
NM	2	22,853,000	3.84%	2.936%	1.554%	144	137	7	130
GA	8	19,592,155	3.29%	3.743%	1.686%	144	140	4	133
OH	5	14,125,751	2.37%	3.535%	1.908%	144	138	6	131
WI	1	12,500,000	2.10%	3.530%	1.620%	144	138	6	131
CA	5	9,218,000	1.55%	3.557%	1.759%	144	140	4	133
AR	2	8,970,000	1.51%	3.726%	1.564%	144	140	4	133
OK	1	8,275,000	1.39%	3.070%	1.550%	144	139	5	132
KS	4	6,961,781	1.17%	3.746%	1.848%	144	138	6	131
TN	3	6,567,079	1.10%	3.796%	2.252%	144	137	7	130
SC	3	6,422,847	1.08%	3.726%	1.609%	144	141	3	134
PA	1	6,400,000	1.08%	3.350%	1.460%	144	140	4	133
AZ	4	6,369,203	1.07%	3.614%	1.586%	144	141	3	134
IN	2	5,626,000	0.95%	3.516%	1.705%	144	143	1	136
KY	1	5,392,000	0.91%	3.380%	1.600%	144	137	7	130
DE	1	4,969,117	0.84%	2.770%	1.500%	144	142	2	135
AL	2	4,727,462	0.79%	3.550%	1.787%	144	137	7	130
NH	1	4,400,000	0.74%	3.190%	1.690%	144	143	1	136
MI	1	4,120,000	0.69%	3.720%	1.590%	144	143	1	136
NC	2	4,027,000	0.68%	3.254%	1.848%	144	137	7	130
IA	1	3,412,000	0.57%	3.900%	2.300%	144	136	8	129
MT	1	2,735,421	0.46%	3.590%	1.500%	144	140	4	133
DC	1	2,502,000	0.42%	3.570%	1.550%	144	140	4	133
NJ	1	1,813,347	0.30%	3.500%	2.000%	144	137	7	130
UT	1	1,295,000	0.22%	3.770%	1.840%	144	143	1	136
<b>Total / WA</b>	<b>106</b>	<b>\$ 595,047,250</b>	<b>100.00%</b>	<b>3.322%</b>	<b>1.684%</b>	<b>144</b>	<b>139</b>	<b>5</b>	<b>132</b>

Underlying Securities by Fannie Mae MBS Prefix*									
MBS Prefix	Number of Underlying Securities	Cut-off Principal Balance	% of Cut-off Principal Balance	Weighted Average Mortgage Rate	Weighted Average Pass Thru 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 Term (Months) <sup>(1)</sup>
HY	106	\$ 595,047,250	100.00%	3.322%	1.684%	144	139	5	132
<b>Total / WA</b>	<b>106</b>	<b>\$ 595,047,250</b>	<b>100.00%</b>	<b>3.322%</b>	<b>1.684%</b>	<b>144</b>	<b>139</b>	<b>5</b>	<b>132</b>

\*Prefix definitions can be found by visiting Fannie Mae's website at:

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

Underlying Securities by Current Amortization Type									
Amortization Type	Number of Underlying Securities	Cut-off Principal Balance	% of Cut-off Principal Balance	Weighted Average Mortgage Rate	Weighted Average Pass Thru 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 Term (Months) <sup>(1)</sup>
Interest Only/Amortizing/Balloon	60	\$ 425,970,000	71.59%	3.332%	1.699%	144	139	5	132
Amortizing/Balloon	39	93,145,250	15.65%	3.548%	1.682%	144	140	4	133
Interest Only/Balloon	7	75,932,000	12.76%	2.989%	1.596%	144	137	7	130
<b>Total / WA</b>	<b>106</b>	<b>\$ 595,047,250</b>	<b>100.00%</b>	<b>3.322%</b>	<b>1.684%</b>	<b>144</b>	<b>139</b>	<b>5</b>	<b>132</b>

<sup>(1)</sup> Remaining Yield Maintenance Term (months) is calculated from the end of the 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.

Underlying Securities by Original Term To Maturity									
Original Term to Maturity (Months)	Number of Underlying Securities	Cut-off Principal Balance	% of Cut-off Principal Balance	Weighted Average Mortgage Rate	Weighted Average Pass Thru 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 Term (Months) <sup>(1)</sup>
144	106	\$ 595,047,250	100.00%	3.322%	1.684%	144	139	5	132
<b>Total / WA</b>	<b>106</b>	<b>\$ 595,047,250</b>	<b>100.00%</b>	<b>3.322%</b>	<b>1.684%</b>	<b>144</b>	<b>139</b>	<b>5</b>	<b>132</b>

Underlying Securities by Remaining Term To Maturity									
Remaining Term to Maturity Range (Months)	Number of Underlying Securities	Cut-off Principal Balance	% of Cut-off Principal Balance	Weighted Average Mortgage Rate	Weighted Average Pass Thru 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 Term (Months) <sup>(1)</sup>
136 to 139	58	\$ 368,616,923	61.95%	3.351%	1.778%	144	137	7	130
140 to 143	48	\$ 226,430,327	38.05%	3.276%	1.529%	144	142	2	135
<b>Total / WA</b>	<b>106</b>	<b>\$ 595,047,250</b>	<b>100.00%</b>	<b>3.322%</b>	<b>1.684%</b>	<b>144</b>	<b>139</b>	<b>5</b>	<b>132</b>

Underlying Securities by Loan Age									
Loan Age Range (Months)	Number of Underlying Securities	Cut-off Principal Balance	% of Cut-off Principal Balance	Weighted Average Mortgage Rate	Weighted Average Pass Thru 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 Term (Months) <sup>(1)</sup>
1 to 4	48	\$ 226,430,327	38.05%	3.276%	1.529%	144	142	2	135
5 to 8	58	\$ 368,616,923	61.95%	3.351%	1.778%	144	137	7	130
<b>Total / WA</b>	<b>106</b>	<b>\$ 595,047,250</b>	<b>100.00%</b>	<b>3.322%</b>	<b>1.684%</b>	<b>144</b>	<b>139</b>	<b>5</b>	<b>132</b>

Underlying Securities by Property Type									
Property Type	Number of Underlying Securities	Cut-off Principal Balance	% of Cut-off Principal Balance	Weighted Average Mortgage Rate	Weighted Average Pass Thru 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 Term (Months) <sup>(1)</sup>
Multifamily	93	\$ 537,997,490	90.41%	3.339%	1.677%	144	139	5	132
Manufactured Housing	13	\$ 57,049,761	9.59%	3.161%	1.749%	144	141	3	134
<b>Total / WA</b>	<b>106</b>	<b>\$ 595,047,250</b>	<b>100.00%</b>	<b>3.322%</b>	<b>1.684%</b>	<b>144</b>	<b>139</b>	<b>5</b>	<b>132</b>

Underlying Securities by Loan Note Rate									
Loan Note Rate Range	Number of Underlying Securities	Cut-off Principal Balance	% of Cut-off Principal Balance	Weighted Average Mortgage Rate	Weighted Average Pass Thru 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 Term (Months) <sup>(1)</sup>
2.770% to 2.999%	8	\$ 168,110,117	28.25%	2.904%	1.506%	144	139	5	132
3.000% to 3.499%	32	\$ 234,744,516	39.45%	3.289%	1.635%	144	139	5	132
3.500% to 3.999%	61	\$ 178,681,423	30.03%	3.705%	1.870%	144	139	5	132
4.000% to 4.060%	5	\$ 13,511,194	2.27%	4.042%	2.258%	144	136	8	129
<b>Total / WA</b>	<b>106</b>	<b>\$ 595,047,250</b>	<b>100.00%</b>	<b>3.322%</b>	<b>1.684%</b>	<b>144</b>	<b>139</b>	<b>5</b>	<b>132</b>

Maximum Loan Note Rate: 4.060%  
 Minimum Loan Note Rate: 2.770%  
 Weighted Average Loan Note Rate: 3.322%

<sup>(1)</sup> Remaining Yield Maintenance Term (months) is calculated from the end of the 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.

Underlying Securities by Pass-Through Rate										
Pass Through Rate Range	Number of Underlying Securities	Cut-off Principal Balance	% of Cut-off Principal Balance	Weighted Average Mortgage Rate	Weighted Average Pass Thru 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 Term (Months) <sup>(1)</sup>	
1.420% to 1.999%	85	\$ 511,166,612	85.90%	3.260%	1.577%	144	140	4	133	
1.999% to 2.530%	21	83,880,638	14.10%	3.704%	2.335%	144	136	8	129	
<b>Total / WA</b>	<b>106</b>	<b>\$ 595,047,250</b>	<b>100.00%</b>	<b>3.322%</b>	<b>1.684%</b>	<b>144</b>	<b>139</b>	<b>5</b>	<b>132</b>	

Maximum Pass Through Rate: 2.530%  
 Minimum Pass Through Rate: 1.420%  
 Weighted Average Pass Through Rate: 1.684%

Underlying Securities by At Issuance LTV										
At Issuance LTV Range	Number of Underlying Securities	Cut-off Principal Balance	% of Cut-off Principal Balance	Weighted Average Mortgage Rate	Weighted Average Pass Thru 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 Term (Months) <sup>(1)</sup>	
20.200% to 49.999%	8	\$ 77,060,647	12.95%	2.977%	1.546%	144	137	7	130	
50.000% to 59.999%	6	29,773,363	5.00%	3.086%	1.686%	144	141	3	134	
60.000% to 69.999%	27	95,307,268	16.02%	3.522%	1.736%	144	140	4	133	
70.000% to 80.000%	65	392,905,972	66.03%	3.359%	1.698%	144	139	5	132	
<b>Total / WA</b>	<b>106</b>	<b>\$ 595,047,250</b>	<b>100.00%</b>	<b>3.322%</b>	<b>1.684%</b>	<b>144</b>	<b>139</b>	<b>5</b>	<b>132</b>	

Maximum At Issuance LTV: 80.00%  
 Minimum At Issuance LTV: 20.20%  
 Weighted Average At Issuance LTV: 67.47%

Underlying Securities by Most Recent DSCR <sup>(2)</sup>										
Most Recent DSCR <sup>(2)</sup> Range	Number of Underlying Securities	Cut-off Principal Balance	% of Cut-off Principal Balance	Weighted Average Mortgage Rate	Weighted Average Pass Thru 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 Term (Months) <sup>(1)</sup>	
1.250x to 1.500x	82	\$ 450,773,820	75.75%	3.356%	1.655%	144	140	4	133	
1.501x to 2.000x	16	66,681,901	11.21%	3.468%	1.978%	144	138	6	131	
2.001x to 2.500x	3	8,626,529	1.45%	3.192%	2.057%	144	137	7	130	
4.170x to 4.650x	4	55,365,000	9.30%	2.974%	1.543%	144	137	7	130	
= 8.250x	1	13,600,000	2.29%	2.980%	1.530%	144	137	7	130	
<b>Total / WA</b>	<b>106</b>	<b>\$ 595,047,250</b>	<b>100.00%</b>	<b>3.322%</b>	<b>1.684%</b>	<b>144</b>	<b>139</b>	<b>5</b>	<b>132</b>	

Maximum Most Recent DSCR<sup>(2)</sup>: 8.25x  
 Minimum Most Recent DSCR<sup>(2)</sup>: 1.25x  
 Weighted Average Most Recent DSCR<sup>(2)</sup>: 1.84x

<sup>(1)</sup> Remaining Yield Maintenance Term (months) is calculated from the end of the 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.

<sup>(2)</sup> DSCR calculations are based on the most recent annual amortizing data for the related mortgage loan, except for full term interest-only loans which were based on interest-only payments.

Underlying Securities by Cut-off Date Principal Balance											
Cut-off Date Principal Balance Range	Number of Underlying Securities	Cut-off Principal Balance	% of Cut-off Deal Balance	Weighted Average Mortgage Rate	Weighted Average Pass Thru 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 Term (Months) <sup>(1)</sup>		
										\$ 869,577 to \$ 4,999,999	74
\$ 5,000,000 to \$ 9,999,999	16	112,589,129	18.92%	3.382%	1.702%	144	139	5	132		
\$ 10,000,000 to \$ 14,999,999	5	58,476,642	9.83%	3.333%	1.563%	144	140	4	133		
\$ 15,000,000 to \$ 19,999,999	4	66,035,000	11.10%	3.072%	1.500%	144	140	4	133		
\$ 20,000,000 to \$ 24,999,999	2	45,600,000	7.66%	3.161%	1.546%	144	138	6	131		
\$ 25,000,000 to \$ 29,999,999	2	54,119,000	9.09%	3.279%	1.950%	144	139	5	132		
\$ 30,000,000 to \$ 33,849,000	3	96,069,000	16.14%	2.981%	1.607%	144	138	6	131		
<b>Total / WA</b>	<b>106</b>	<b>\$ 595,047,250</b>	<b>100.00%</b>	<b>3.322%</b>	<b>1.684%</b>	<b>144</b>	<b>139</b>	<b>5</b>	<b>132</b>		

At Issuance LTV and Most Recent DSCR <sup>(2)</sup> by Property Type													
Property Type	Number of Underlying Securities	Cut-off Principal Balance	% of Cut-off Principal Balance	Weighted Average At Issuance LTV	Weighted Most Recent DSCR <sup>(2)</sup>	Weighted Average Mortgage Rate	Weighted Average Pass Thru 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 Term (Months) <sup>(1)</sup>		
												Multifamily	93
Manufactured Housing	13	\$ 57,049,761	9.59%	62.53%	1.49x	3.161%	1.749%	144	141	3	134		
<b>Total / WA</b>	<b>106</b>	<b>\$ 595,047,250</b>	<b>100.00%</b>	<b>67.47%</b>	<b>1.84x</b>	<b>3.322%</b>	<b>1.684%</b>	<b>144</b>	<b>139</b>	<b>5</b>	<b>132</b>		

Top 10 Loan Information												
Pool Number	Name	Address	City	State	Zip	Loan Originator	Cut-Off Balance	% of Cut-off Principal Balance	Most Recent DSCR <sup>(2)</sup>	At Issuance LTV		
BL7766	Ridgeview at Wakefield Valley	800 South Burning Tree Drive	Westminster	MD	21158	Newmark Knight Frank	\$ 33,849,000	5.69%	1.42x	80.00%		
BL6372	3470 Fort Independence	3470 Fort Independence Street	Bronx	NY	10463	Berkadia Commercial Mortgage LLC	31,220,000	5.25%	1.28x	70.00%		
BL6879	Courtney Downs Apartment Homes	15849 East Jamison Drive	Englewood	CO	80112	Walker & Dunlop, LLC	31,000,000	5.21%	4.23x	34.30%		
BL7764	Middlebrooke Apartments and Townhomes	410 Baldwin Park Drive	Westminster	MD	21157	Newmark Knight Frank	28,149,000	4.73%	1.37x	80.00%		
BL6511	Larkin Village Apartments	947 Lois Place	Joliet	IL	60435	Merchants Capital Corp	25,970,000	4.36%	1.60x	70.00%		
BL7552	Jubilee Estates	1230 Stanley Street	NEW BRITAIN	CT	6051	Arbor Commercial Funding I, LLC	24,600,000	4.13%	1.49x	75.00%		
BL6881	La Mirage Apartments	10700 Academy Road NE	Albuquerque	NM	87111	Walker & Dunlop, LLC	21,000,000	3.53%	4.65x	41.00%		
BL7002	Westgate Apartments	6872 Alta Westgate Dr	Orlando	FL	32818	Bellwether Enterprise Mortgage Investments, LLC	19,740,000	3.32%	1.40x	70.00%		
BL8171	Creekside Estates	5101 Northeast 121st Avenue	Vancouver	WA	98682	Prudential Multifamily Mortgage, LLC	15,803,000	2.66%	1.25x	54.50%		
BL8659	The Bridge	404 South Fryers Creek Circle	Temple	TX	76504	Colliers Mortgage LLC	15,440,000	2.59%	1.27x	80.00%		
<b>Total / WA</b>							<b>\$ 246,771,000</b>	<b>41.47%</b>	<b>2.03x</b>	<b>65.69%</b>		

<sup>(1)</sup> Remaining Yield Maintenance Term (months) is calculated from the end of the 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.

<sup>(2)</sup> DSCR calculations are based on the most recent annual amortizing data for the related mortgage loan, except for full term interest-only loans which were based on interest-only payments.

Underlying Securities Most Recent DSCR <sup>(1)</sup> and At Issuance LTV							
Pool Number	CUSIP	Most Recent DSCR <sup>(1)</sup>	At Issuance LTV	Pool Number	CUSIP	Most Recent DSCR <sup>(1)</sup>	At Issuance LTV
BL7766	3140J0TY6	1.42x	80.00%	BL8878	3140J12L1	1.27x	79.90%
BL6372	3140HYCJ5	1.28x	70.00%	BL7735	3140J0SZ4	1.79x	65.00%
BL6879	3140HYUD8	4.23x	34.30%	BL6804	3140HYR26	1.42x	75.00%
BL7764	3140J0TW0	1.37x	80.00%	BL6456	3140HYE61	1.26x	64.40%
BL6511	3140HYGV4	1.60x	70.00%	BL7984	3140J02S8	4.17x	32.10%
BL7552	3140J0MA5	1.49x	75.00%	BL6616	3140HYK64	1.33x	75.00%
BL6881	3140HYUF3	4.65x	41.00%	BL7088	3140HY2W7	1.40x	63.00%
BL7002	3140HYX86	1.40x	70.00%	BL6258	3140HX5U0	1.25x	68.10%
BL8171	3140J1CH9	1.25x	54.50%	BL6807	3140HYR59	1.52x	75.00%
BL8659	3140J1TR9	1.27x	80.00%	BL6480	3140HYFW3	1.30x	71.00%
BL7557	3140J0MF4	1.47x	75.00%	BL7207	3140J0AH3	1.29x	66.40%
BL6882	3140HYUG1	8.25x	20.20%	BL9071	3140J2CH7	1.82x	50.60%
BL7267	3140J0CD0	1.29x	74.90%	BL7996	3140J03E8	1.40x	60.20%
BL8660	3140J1TS7	1.35x	80.00%	BL8986	3140J16Y9	1.27x	80.00%
BL7319	3140J0DZ0	1.34x	68.70%	BL8906	3140J13Q9	1.27x	73.80%
BL9214	3140J2GY6	1.25x	67.40%	BL7699	3140J0RV4	1.35x	70.00%
BL7588	3140J0NE6	1.34x	72.90%	BL7725	3140J0SP6	1.34x	70.50%
BL6502	3140HYGL6	1.33x	75.00%	BL8668	3140J1T24	1.35x	75.90%
BL7469	3140J0JP6	1.50x	64.90%	BL6716	3140HYPA0	1.68x	63.20%
BL6912	3140HYVE5	1.33x	79.80%	BL7262	3140J0B82	1.26x	75.00%
BL8929	3140J14P0	1.25x	65.30%	BL9073	3140J2CK0	1.66x	77.50%
BL7217	3140J0A77	1.36x	74.50%	BL6805	3140HYR34	1.33x	69.80%
BL7518	3140J0K82	1.56x	65.00%	BL8497	3140J1NP9	1.25x	78.60%
BL5983	3140HXUH1	1.38x	75.00%	BL7101	3140HY3K2	1.26x	80.00%
BL7553	3140J0MB3	1.43x	75.00%	BL7097	3140HY3F3	1.59x	80.00%
BL7556	3140J0ME7	1.45x	75.00%	BL6467	3140HYFH6	1.82x	52.70%
BL7354	3140J0E48	1.49x	63.00%	BL7933	3140J0Y79	1.60x	70.00%
BL7814	3140J0VG2	1.31x	73.10%	BL6998	3140HYX45	2.04x	39.00%
BL6187	3140HX2V1	2.31x	59.30%	BL8140	3140J1BJ6	1.73x	55.00%
BL6873	3140HYT73	1.58x	80.00%	BL8161	3140J1B72	1.30x	77.30%
BL8135	3140J1BD9	1.37x	80.00%	BL7003	3140HYX94	1.25x	75.00%
BL7591	3140J0NH9	1.40x	80.00%	BL6512	3140HYGW2	1.43x	65.90%
BL7722	3140J0SL5	1.71x	30.70%	BL7330	3140J0ECO	2.48x	38.50%
BL8134	3140J1BC1	1.36x	80.00%	BL6824	3140HYSN9	1.59x	65.00%
BL9384	3140J2NA0	1.26x	80.00%	BL8034	3140J04U1	1.36x	61.90%
BL9224	3140J2HA7	1.42x	74.60%	BL8902	3140J13L0	1.48x	65.00%
BL9227	3140J2HD1	1.46x	75.00%	BL9295	3140J2KH8	1.25x	61.70%
BL9059	3140J2B54	1.31x	79.40%	BL8850	3140J1ZQ4	1.37x	70.00%
BL8408	3140J1KW7	1.47x	70.00%	BL6432	3140HYEE4	1.66x	80.00%
BL8545	3140J1P77	1.31x	73.20%	BL7498	3140J0KL3	1.31x	75.00%
BL9165	3140J2FF8	1.37x	69.20%	BL9271	3140J2JR8	1.31x	75.00%
BL6581	3140HYJ33	1.29x	74.50%	BL7773	3140J0T75	1.26x	75.00%
BL6500	3140HYGJ1	1.41x	75.00%	BL7320	3140J0D23	1.46x	65.00%
BL6501	3140HYGK8	1.30x	61.70%	BL8651	3140J1TH1	1.29x	80.00%
BL6706	3140HYNY0	1.36x	77.50%	BL9388	3140J2NE2	1.41x	76.10%
BL8852	3140J1ZS0	1.31x	68.10%	BL5869	3140HXQX1	4.25x	38.50%
BL6484	3140HYF29	1.27x	64.30%	BL7717	3140J0SF8	1.46x	64.90%
BL7322	3140J0D49	1.43x	77.00%	BL6513	3140HYGX0	1.31x	69.80%
BL8955	3140J15R5	1.55x	51.60%	BL8589	3140J1RK6	1.45x	70.40%
BL6431	3140HYED6	1.26x	60.20%	BL8016	3140J04A5	1.36x	75.00%
BL7719	3140J0SH4	1.33x	80.00%	BL6473	3140HYFP8	1.28x	79.80%
BL8777	3140J1XF0	1.28x	75.00%	BL7293	3140J0C73	1.27x	70.80%
BL7593	3140J0NK2	1.38x	73.40%	BL7078	3140HY2L1	1.36x	75.00%

<sup>(1)</sup> DSCR calculations are based on the most recent annual amortizing data for the related mortgage loan, except for full term interest-only loans which were based on interest-only payments.

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