



## Guaranteed Single-Family REMIC Pass-Through Certificates

### The Certificates

We, the Federal National Mortgage Association, or Fannie Mae, will issue the guaranteed single-family REMIC pass-through certificates (“certificates”). Each series of certificates will have its own identification number and will represent beneficial ownership interests in the assets of a trust. The assets of each series trust will include one or more of the following:

- securities issued and guaranteed by Fannie Mae that represent the direct or indirect ownership of residential mortgage loans secured by single-family (one- to four-unit) properties;
- securities issued and guaranteed by the Federal Home Loan Mortgage Corporation, or Freddie Mac, that represent the direct or indirect ownership of residential mortgage loans secured by single-family properties;
- securities guaranteed by Ginnie Mae that represent the direct or indirect ownership of residential mortgage loans secured by single-family properties; or
- securities issued by entities not affiliated with Fannie Mae, Freddie Mac or Ginnie Mae that represent the direct or indirect ownership of residential mortgage loans secured by single-family properties.

Each series of certificates will consist of two or more classes having various characteristics.

### Fannie Mae Guaranty

We guarantee to each series trust that we will supplement amounts received by the series trust as required to permit timely payment of interest and principal, as applicable, on the certificates to the extent described in the related prospectus supplement. **We alone are responsible for making payments under our guaranty. The certificates and payments of interest and principal on the certificates are not guaranteed by the United States and do not constitute a debt or obligation of the United States or any of its agencies or instrumentalities other than Fannie Mae.**

### REMIC Status

For federal income tax purposes, we will elect to treat all or a portion of each series trust as at least one “real estate mortgage investment conduit,” commonly referred to as a REMIC. At least one class of certificates in each series will be the “residual interest” in a REMIC. Except as otherwise specified in the related prospectus supplement, each class that is not a “residual interest” will be a “regular interest” in a REMIC.

**Consider carefully the risk factors beginning on page 8. Unless you understand and are able to tolerate these risks, you should not invest in the certificates.**

**The certificates are exempt from registration under the Securities Act of 1933, as amended, and are “exempted securities” under the Securities Exchange Act of 1934, as amended. Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved these certificates or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.**

The date of this Prospectus is July 1, 2020

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## DISCLOSURE DOCUMENTS FOR ISSUANCES OF CERTIFICATES

The disclosure documents for any particular series of certificates include this prospectus, the related prospectus supplement (as amended by any supplement to the prospectus supplement) and any information incorporated into these documents by reference as discussed under the heading “**INCORPORATION BY REFERENCE.**”

### Prospectuses

#### *This Prospectus and the Prospectus Supplements*

We will provide information that supplements this prospectus in connection with each series of certificates. We will post this prospectus, the related prospectus supplement and the final data statement, if any, for each series of certificates on our website as described below. In addition, we will deliver these documents either electronically or in paper form to parties who request them in accordance with our procedures. **In determining whether to purchase the certificates of a particular series in an initial offering, you should rely ONLY on the information in this prospectus, the related prospectus supplement, any supplement to the prospectus supplement, and any information that we have otherwise incorporated into these documents by reference. We take no responsibility for any unauthorized information or representation.**

We provide updated information and corrections regarding each series of certificates and the mortgage-backed securities held in the related series trust (the “series trust assets”) through our PoolTalk® application (“PoolTalk”).

Each prospectus supplement will include information about the series of certificates being offered and the series trust assets backing that particular series of certificates. Certain statistical information regarding the series trust assets and the single-family mortgage loans backing the series trust assets (the “related mortgage loans”) may also be found in the final data statement, if any, for the series trust. See “—*Prospectuses for the Series Trust Assets*” and “—**Final Data Statements.**” Unless otherwise stated in this prospectus or the related prospectus supplement, information about the series trust assets will be given as of the issue date stated in the prospectus supplement, which is the first day of the month in which the related certificates are issued. Because each prospectus supplement will contain specific information about a particular series of certificates, you should rely on the information in the prospectus supplement to the extent it is different from or more complete than the information in this prospectus.

Each prospectus supplement also may include a section under the heading “Recent Developments” that may contain additional summary information with respect to current events, including certain regulatory, accounting and financial issues affecting Fannie Mae.

You should note that the certificates are not traded on any exchange and that the market price of a particular series or class of certificates or a benchmark price may not be readily available.

We file with the Securities and Exchange Commission (“SEC”) a quarterly report (each, an “ABS 15G report”) required by Rule 15Ga-1 under the Securities Exchange Act of 1934, as amended (the “Exchange Act”). Each ABS 15G report discloses information concerning each fulfilled and unfulfilled repurchase request (or request for an alternative remedy) that we have made to third parties for breaches of the representations and warranties concerning the single-family loans that directly or indirectly back most of our outstanding mortgage-backed securities. The ABS 15G reports are available on the SEC’s website, [www.sec.gov](http://www.sec.gov), and at the SEC’s Public Reference Room at 100 F Street NE, Washington, DC 20549. All references to the SEC’s website address are provided solely for your information. Information appearing on the SEC’s website is not incorporated into this prospectus or into any prospectus supplement.

This prospectus, the related prospectus supplement and the final data statement, if any, are available on our website at [www.fanniemae.com](http://www.fanniemae.com). You may also obtain copies of these documents without charge by emailing us at [fixedincome\\_marketing@fanniemae.com](mailto:fixedincome_marketing@fanniemae.com); calling Fannie Mae at 800-2FANNIE (800-232-6643); or writing to Fannie Mae, Attention: Fixed-Income Securities Marketing, 1100 15<sup>th</sup> Street, NW, Washington, DC 20005. The prospectus supplement is typically available no later than two business days before the settlement date of the related series of certificates. All references to our website address are provided solely for your information. Unless otherwise stated, information appearing on our website is not incorporated into this prospectus or into any prospectus supplement.

### *Prospectuses for the Series Trust Assets*

The assets of each series trust will include one or more of the mortgage-backed securities listed below. The prospectus supplement for each series of certificates will specify the prospectus or prospectuses related to the series trust assets. For more information about the series trust assets, see “**THE SERIES TRUST ASSETS**” in this prospectus.

#### *Description of Prospectuses*

With respect to a particular series of certificates, you should review the prospectus or prospectuses for the related series trust assets:

- for a series of certificates directly or indirectly backed by Fannie Mae Guaranteed Mortgage Pass-Through Certificates (“MBS”), including Fannie Mae Guaranteed Uniform Mortgage Pass-Through Certificates (“Fannie Mae UMBS”), that represent beneficial ownership interests in distinct pools of mortgage loans secured by single-family properties (“single-family loans”), the Fannie Mae Guaranteed Mortgage Pass-Through Certificates (Single-Family Residential Mortgage Loans) Prospectus, dated May 1, 2020 (the “MBS Prospectus”), or such earlier or later version of that prospectus as may be applicable;
- for a series of certificates directly or indirectly backed by Fannie Mae Guaranteed Mega Certificates (“Mega certificates”) that represent indirect beneficial ownership interests in single-family loans, the Fannie Mae Guaranteed MBS Pass-Through Securities (Single-Family Mega Certificates) Prospectus, dated June 1, 2019 (the “Mega Prospectus”), or such earlier or later version of that prospectus as may be applicable;
- for a series of certificates directly or indirectly backed by Fannie Mae Guaranteed Supers Certificates that represent indirect beneficial ownership interests in single-family loans, the Fannie Mae Guaranteed UMBS Pass-Through Securities (“Fannie Mae Supers certificates”) Prospectus, dated June 1, 2019 (the “Supers Prospectus”), or such later version of that prospectus as may be applicable;
- for a series of certificates directly or indirectly backed by Fannie Mae Guaranteed SMBS Certificates (“SMBS”) that represent beneficial ownership interests in the mortgage-backed securities specified above, the Guaranteed Stripped Mortgage-Backed Securities (SMBS Certificates) Prospectus, dated August 1, 2019 (the “SMBS Prospectus”), or such earlier or later version of that prospectus as may be applicable;
- for a series of certificates directly or indirectly backed by Fannie Mae Guaranteed REMIC Pass-Through Certificates (“Fannie Mae Underlying REMIC certificates”) that represent direct or indirect beneficial ownership interests in single-family loans, this prospectus or such earlier version of this prospectus as may be applicable (the “Underlying REMIC Prospectus”) and the related prospectus supplements;
- for a series of certificates directly or indirectly backed by securities issued and guaranteed by Freddie Mac, that represent direct or indirect beneficial ownership interests in single-family loans (collectively, the “Freddie Mac Securities”), each applicable Freddie Mac offering circular and any related supplement (together, the “Freddie Mac Disclosure Documents”), as further described under “**COMMINGLED ISSUANCE DATA**,”
- for a series of certificates directly or indirectly backed by securities guaranteed by Ginnie Mae that represent direct or indirect beneficial ownership interests in single-family loans (collectively, the “Ginnie Mae Securities”), each applicable Ginnie Mae prospectus and any related supplement (the “Ginnie Mae Disclosure Documents”); and
- for a series of certificates directly or indirectly backed by securities issued by entities not affiliated with Fannie Mae, Freddie Mac or Ginnie Mae (collectively, the “Third Party Securities”), each applicable offering document and any related supplement (the “Third Party Disclosure Documents”).

The securities specified in the first five bullets above are referred to collectively as “Fannie Mae Securities.”

### *Availability of Prospectuses*

If a series of certificates is backed by Fannie Mae Securities, the applicable prospectus and related prospectus supplement is available on our website at [www.fanniemae.com](http://www.fanniemae.com). You may also obtain copies of the prospectus and prospectus supplement without charge by contacting us in the manner described in “—*This Prospectus and the Prospectus Supplements*.”

If a series of certificates is backed by Freddie Mac Securities, the applicable Freddie Mac Disclosure Documents will be available at [www.freddiemac.com](http://www.freddiemac.com).

If a series of certificates is backed by Ginnie Mae Securities, the applicable Ginnie Mae Disclosure Documents may be found at:

[www.ginniemae.gov/investors/multiclass\\_resources/pages/baseprospectuses.aspx](http://www.ginniemae.gov/investors/multiclass_resources/pages/baseprospectuses.aspx) (or successor website).

If a series of certificates is backed by Third Party Securities, the related prospectus supplement will identify a location at which investors may obtain the applicable Third Party Disclosure Documents.

### **Final Data Statements**

Once the series trust for a particular series of certificates has been formed and the related certificates have been issued, we generally prepare a final data statement for the series trust that includes certain information about the series trust assets, including CUSIP numbers, trust numbers, issue dates and balances on the settlement date.

A final data statement prepared for a series of certificates will be posted on PoolTalk on or about the settlement date of the related series of certificates. You may also obtain copies of the final data statements without charge by contacting us in the manner described in “—**Prospectuses—*This Prospectus and the Prospectus Supplements***.”

### **Other Information**

We generally update certain information about the certificates, the series trust and the series trust assets on an ongoing monthly basis through PoolTalk.

### **INCORPORATION BY REFERENCE**

We are incorporating by reference in this prospectus the documents specified under “**DISCLOSURE DOCUMENTS FOR ISSUANCES OF CERTIFICATES—Prospectuses—*Prospectuses for the Series Trust Assets***,” provided, however, that we are not incorporating by reference any Freddie Mac Disclosure Documents. We are also incorporating by reference the documents listed below. This means that we are disclosing information to you by referring you to these documents. These documents are considered part of this prospectus, so you should read this prospectus, the related prospectus supplements (including any supplement to the related prospectus supplements) and the final data statement together with these documents.

You should rely on only the information provided or incorporated by reference in this prospectus and any applicable prospectus supplements or amendments and the final data statement. Moreover, you should rely on only the most current information.

We incorporate by reference the following documents we have filed, or may file, with the SEC:

- our annual report on Form 10-K for the fiscal year ended December 31, 2019 or any more recently filed Form 10-K (the “Applicable Form 10-K”);
- all other reports we have filed pursuant to section 13(a) or 15(d) of the Exchange Act since the end of the fiscal year covered by the Applicable Form 10-K until the date of this prospectus, including our quarterly reports on Form 10-Q and our current reports on Form 8-K, but excluding any information we “furnish” to the SEC on Form 8-K; and
- all proxy statements that we file with the SEC and all documents that we file with the SEC pursuant to section 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of this prospectus and before the completion of the offering of the related certificates, but excluding any information we “furnish” to the SEC on Form 8-K.

Our common stock is registered with the SEC under the Exchange Act. We file quarterly and annual reports with the SEC. Those SEC filings are available on our website at [www.fanniemae.com](http://www.fanniemae.com) and on the SEC's website at [www.sec.gov](http://www.sec.gov). We refer to these websites for your reference only; we are not incorporating into this prospectus any of the information available on these websites other than as specifically stated in this prospectus. You should rely only on the information included or incorporated by reference in this prospectus in deciding whether or not to invest in the certificates. We have not authorized anyone to provide you with any different or additional information.

We make available free of charge through our website our annual reports on Form 10-K, our quarterly reports on Form 10-Q, our current reports on Form 8-K and all other SEC reports and amendments to those reports as soon as reasonably practicable after we electronically file the material with, or furnish it to, the SEC. Materials that we file with the SEC are also available on the SEC's website and at the SEC's Public Reference Room at 100 F Street NE, Washington, DC 20549.

You may also request copies of any filing from us, at no cost, by contacting us in the manner described in **"DISCLOSURE DOCUMENTS FOR ISSUANCES OF CERTIFICATES—Prospectuses—*This Prospectus and the Prospectus Supplements.*"**

### **COMMINGLED ISSUANCE DATA**

For purposes of this prospectus, we use the term "commingled certificates" to refer to certificates that are backed, in whole or in part, by Freddie Mac Securities. Certain of the pool- and loan-level disclosures related to commingled certificates will be provided by Freddie Mac and generally will not be independently verified by us. Accordingly, we cannot provide assurance as to the accuracy or completeness of those disclosures. We anticipate that some of the related disclosures may be incorrect or incomplete. Moreover, any such incorrect or incomplete disclosures may result in inaccuracies in the disclosures for the related certificates. In any such case, Freddie Mac may provide corrected information from time to time. We assume no liability for any losses or damages resulting from inaccurate or incomplete disclosures provided by Freddie Mac.

### **NOTICE TO EUROPEAN ECONOMIC AREA AND UNITED KINGDOM INVESTORS**

This prospectus is not a prospectus for the purposes of Regulation (EU) 2017/1129 (as amended, the "Prospectus Regulation"). The certificates are not intended to be offered, sold or otherwise made available to and should not be offered, sold or otherwise made available to any retail investor in the European Economic Area ("EEA") or in the United Kingdom ("UK"). For these purposes, a retail investor means a person who is one (or more) of: (a) a retail client as defined in Point (11) of Article 4(1) of Directive 2014/65/EU (as amended, "MIFID II"); (b) a customer within the meaning of Directive (EU) 2016/97 (as amended), where that customer would not qualify as a professional client as defined in Point (10) of Article 4(1) of MIFID II; or (c) not a qualified investor as defined in the Prospectus Regulation. Consequently, no key information document required by Regulation (EU) No 1286/2014 (as amended, the "PRIIPs Regulation") for offering or selling the certificates or otherwise making them available to retail investors in the EEA or in the UK has been prepared and therefore offering or selling the certificates or otherwise making them available to any retail investor in the EEA or in the UK may be unlawful under the PRIIPs regulation.

This prospectus has been prepared on the basis that any offer of certificates in the EEA or in the UK will be made only to legal entities which are qualified investors under the Prospectus Regulation. Accordingly any person making or intending to make an offer in the EEA or in the UK of certificates may do so only with respect to qualified investors. We have not authorized, and do not authorize, the making of any offer of certificates in the EEA or in the UK other than to qualified investors.

### **NOTICE TO UNITED KINGDOM INVESTORS**

Within the United Kingdom, the distribution of this prospectus is directed only at persons who have professional experience in matters relating to investments and who either (a) qualify as investment professionals in accordance with Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "FPO"), (b) are persons falling within Article 49(2) of the FPO, or (c) are persons who may otherwise lawfully receive this prospectus (together, "Exempt Persons"). It may not be passed on except to Exempt Persons or other persons in circumstances in which Section 21(1) of the Financial Services and Markets Act 2000 does not apply to the issuer (all such persons together being referred to as "Relevant Persons"). This prospectus must not be acted on or relied on by persons who are not Relevant Persons. Any investment or investment activity to which this prospectus relates, including the certificates, is available only to relevant persons and will be engaged in only with Relevant Persons. Any persons other than Relevant Persons should not act or rely on this prospectus.

Potential investors in the United Kingdom are advised that all, or most, of the protections afforded by the United Kingdom regulatory system will not apply to an investment in the certificates and that compensation will not be available under the United Kingdom Financial Services Compensation Scheme.

**SUMMARY**

This summary highlights information contained elsewhere in this prospectus. As a summary, it speaks in general terms without giving details or discussing any exceptions. Before buying certificates of any series, you should have the information necessary to make a fully informed investment decision. For that, you must read this prospectus in its entirety (and any other documents to which we refer you in this prospectus), the related prospectus supplement (including any supplement to the related prospectus supplement), the related final data statement and each disclosure document for the series trust assets.

Title of Security ..... Guaranteed Single-Family REMIC Pass-Through Certificates.

Issuer and Guarantor..... Fannie Mae is a government-sponsored enterprise that was established by the U.S. Congress in 1938 under the name “Federal National Mortgage Association” to support liquidity and stability in the secondary mortgage market, where existing mortgage loans are purchased and sold. The address of our principal office is 1100 15<sup>th</sup> Street, NW, Washington, DC 20005. The telephone number is 800-2FANNIE (800-232-6643).

Fannie Mae has been under conservatorship since September 6, 2008. The conservator, the Federal Housing Finance Agency (“FHFA”), succeeded to all rights, titles, powers and privileges of Fannie Mae and of any shareholder, officer or director of the company with respect to the company and its assets. For additional information on conservatorship, see “**FANNIE MAE—Regulation and Conservatorship.**”

Our regulators include FHFA, the U.S. Department of Housing and Urban Development (“HUD”), the SEC, and the U.S. Department of the Treasury (“Treasury”). The Office of Federal Housing Enterprise Oversight, the predecessor of FHFA, was our safety and soundness regulator prior to enactment of the Federal Housing Finance Regulatory Reform Act of 2008 (the “2008 Reform Act”).

On September 7, 2008, we entered into a senior preferred stock purchase agreement with Treasury pursuant to which we issued to it one million shares of senior preferred stock and a warrant to purchase, for a nominal price, shares of common stock equal to 79.9% of the outstanding common stock of Fannie Mae. **Nevertheless, we alone are responsible for making payments under our guaranty. The certificates and payments of principal and interest on the certificates are not guaranteed by the United States and do not constitute a debt or obligation of the United States or any of its agencies or instrumentalities other than Fannie Mae.**

Sponsor and Depositor..... We are the sponsor of each series of certificates, and the depositor of the series trust assets into the related series trust.

Description of Certificates ..... Each certificate will represent a beneficial ownership interest in a series trust holding the series trust assets. We will issue the certificates (except for “residual certificates”) in book-entry form on either the book-entry system of the



Minimum Denomination.....	<p>U.S. Federal Reserve Banks or the book-entry system of The Depository Trust Company (“DTC”), unless we specify a different system in the related prospectus supplement. The book-entry certificates will not be convertible into physical certificates. We will issue the residual certificates in physical form. The prospectus supplement for each series of certificates will contain additional information about the series trust assets.</p> <p>Except as provided below or in the related prospectus supplement, we will issue all classes of certificates in minimum denominations of \$1,000, with additional increments of \$1. The following classes of certificates will be issued in minimum denominations of \$100,000, with additional increments of \$1:</p> <ul style="list-style-type: none"> <li>• interest only classes;</li> <li>• principal only classes;</li> <li>• inverse floating rate classes;</li> <li>• non-sticky jump and sticky jump classes; and</li> <li>• toggle classes.</li> </ul> <p>In addition, we will issue certificates of jump classes (other than non-sticky jump and sticky jump classes) in minimum denominations of \$1,000,000, with additional increments of \$1.</p>
Classes of Certificates .....	<p>Each series of certificates will include two or more classes. The holder of a certificate of a particular class will be entitled to the distributions of principal, interest, or principal and interest as described in the prospectus supplement for that series. Some classes may entitle their holders to receive specified portions of the principal, interest, or principal and interest paid on the series trust assets during a specified period of time (e.g., for the first 60 distribution dates).</p>
Issue Date .....	<p>The first day of the month in which the Settlement Date occurs.</p>
Settlement Date.....	<p>A business day determined by Fannie Mae in the month in which the certificates are issued and, unless otherwise stated, not later than the last business day of the month in which the issue date occurs.</p>
Distribution Date.....	<p>Unless otherwise stated, and regardless of when payments are made on the underlying series trust assets, the 25th day of each month is the date designated for payments to certificateholders. If that day is not a business day, payments will be made on the next business day. The first distribution date for a series of certificates will occur in the month following the month in which the certificates are issued. For example, if an issue date is March 1, the first distribution date is April 25 or, if April 25 is not a business day, the first business day following April 25.</p>

Final Distribution Date .....	For each class of certificates, we will specify in the related prospectus supplement the date by which the principal balance of that class, if any, will be paid in full. Because the prepayment experience of mortgage loans is unpredictable, the actual final payment on any class of certificates may occur much earlier than the final distribution date specified in the related prospectus supplement.
Distributions on Residual Certificates .....	On each distribution date, we will pay to the holders of the “residual certificates” of a particular series the amount of principal and interest, if any, specified in the related prospectus supplement. In addition, we will pay to these holders the proceeds of any remaining assets of the related REMIC after the principal balances (or notional principal balances) of all the other classes of certificates of the related series have been reduced to zero. Each residual certificate will be subject to transfer restrictions.
Use of Proceeds.....	We usually issue certificates in exchange for the series trust assets that back the certificates. In some instances, we may issue certificates in exchange for series trust assets that we already own and that will back the certificates, in which case we sell the certificates for cash proceeds that are generally used for purchasing mortgage loans or for general corporate purposes.
Interest.....	<p>Each interest-bearing class of certificates will accrue interest at the annual rate specified or described in the related prospectus supplement. In general, we will pay interest on all interest-bearing classes (other than an Accrual Class) on the monthly distribution date. The monthly interest payment on a certificate will equal the interest accrued during the related interest accrual period.</p> <p>Because our guaranty requires us to supplement amounts received by the series trust as required to permit timely payment by the series trust of the interest amounts specified above, the amount of interest distributed to holders of interest-bearing classes of certificates on a distribution date will not be affected by any loss mitigation measure taken with respect to, or other loan modification made to, a mortgage loan backing a series trust asset while it remains in the trust.</p>
Principal.....	The prospectus supplement for each series of certificates will specify how we determine the total principal payment amount for each monthly distribution date and how the total principal payment amount is allocated among the classes of certificates of that series. Unless we specify otherwise in the related prospectus supplement, we will make principal payments on all certificates of any single class (other than a Retail Class) on a <i>pro rata</i> basis on the monthly distribution date. For a description of principal payments on Retail Classes, see “ <b>DESCRIPTION OF THE CERTIFICATES—Special Characteristics of the Retail Certificates</b> ” in this prospectus.

Because our guaranty requires us to supplement amounts received by the series trust as required to permit timely payment by the series trust of the principal amounts specified above, the amount of principal distributed to holders of certificates on a distribution date will be calculated without regard to any loss mitigation measure taken with respect to, or other loan modification made to, a loan backing a series trust asset while it remains in the series trust.

Class Factor .....

Unless we specify otherwise in the related prospectus supplement, we publish the class factor for each class of certificates backed by Fannie Mae Securities on or about the fourth business day of each month. We publish the class factor for each class of certificates backed by Freddie Mac Securities, Ginnie Mae Securities or by Third Party Securities on or before each monthly distribution date. Except in the case of classes of Retail Certificates, if you multiply the applicable class factor by the original principal balance (or notional principal balance) of that class of certificates, you will obtain the current principal balance (or notional principal balance) of that class, after giving effect to any principal payment (or notional principal balance reduction) to be made on the distribution date in that month. The most current class factor is generally available through PoolTalk.

Guaranty .....

We guarantee to each series trust that we will supplement amounts received by the series trust as required to permit payment of interest and principal, as applicable, on the certificates on each distribution date to the extent described in the related prospectus supplement. In addition, we guarantee to the related series trust that we will supplement amounts received by the series trust as required to make the full and final payment of any unpaid principal balance of each class of certificates of the related series no later than the final distribution date for that class, even if less than the required amount has been remitted to us.

Our guaranty runs directly to the series trust and not directly to certificateholders. Certificateholders have limited rights to bring proceedings directly against us to enforce our guaranty. See **“THE TRUST DOCUMENTS—Certificateholders’ Rights Upon a Guarantor Event of Default.”** While we are in the current conservatorship, the conservator does not have the right to repudiate our guaranty to the series trust. However, if we are placed into receivership, or if we emerge from conservatorship and are then again placed into conservatorship, the new conservator or the receiver, as applicable, will have the right to repudiate our guaranty to the series trust. See **“RISK FACTORS—RISKS RELATING TO CERTAIN CREDIT CONSIDERATIONS.”**

Certificateholders have limited rights to bring proceedings against Treasury if we fail to pay under our guaranty. The total amount that may be recovered from Treasury is

	subject to limits imposed in the senior preferred stock purchase agreement. For a description of certificateholders' rights to proceed against Fannie Mae and Treasury, see " <b>FANNIE MAE—Certificateholders' Rights under the Senior Preferred Stock Purchase Agreement.</b> "
Final Data Statements.....	The final data statement for each series of certificates identifies the series trust assets for that series. It also provides certain data about the series trust assets and about the series itself. The final data statement is posted on PoolTalk on or about the settlement date for that series.
Series Trust Assets .....	Each series of certificates will be backed by series trust assets consisting of one or more of the following: Fannie Mae Securities, Freddie Mac Securities, Ginnie Mae Securities and Third Party Securities. See " <b>THE SERIES TRUST ASSETS</b> " in this prospectus.
Business Day.....	Any day other than: <ul style="list-style-type: none"> <li>• a Saturday or Sunday;</li> <li>• a day when the fiscal agent or paying agent is closed;</li> <li>• a day when the Federal Reserve Bank of New York (the "FRBNY") is closed; or</li> <li>• with respect to any required withdrawal from a certificate account for remittance to a paying agent, a day when the Federal Reserve Bank is closed in a district where the related certificate account is maintained.</li> </ul>
Trust Documents.....	Each series of certificates is issued pursuant to the 2019 REMIC Master Trust Agreement, effective June 1, 2019, as supplemented by an issue supplement for that series. We summarize certain pertinent provisions of the trust agreement in this prospectus. You should refer to the trust agreement and the related issue supplement for a complete description of your rights and obligations, as well as those of Fannie Mae in its various capacities. The trust agreement may be found on our website.
Trustee.....	We serve as the trustee for each series trust pursuant to the terms of the trust agreement and the related issue supplement.
Paying Agent.....	An entity designated by us to perform the functions of a paying agent. The FRBNY currently serves as our paying agent for certificates registered on the book-entry system of the Federal Reserve Banks. DTC serves as our paying agent for certificates registered on its book-entry system. U.S. Bank National Association currently serves as our paying agent for residual certificates.
Fiscal Agent.....	An entity designated by us to perform certain administrative functions for our REMIC trusts. The FRBNY, DTC and U.S. Bank National Association currently serve as fiscal agents for the certificates.

Common Securitization Solutions, LLC .....	Common Securitization Solutions, LLC (“CSS”) and the Common Securitization Platform (“CSP”) will perform certain operational functions associated with issuing and managing certificates on our behalf, including data acceptance, issuance support, bond administration and the production of disclosure. See “ <b>RISK FACTORS—RISKS RELATING TO OPERATIONAL FAILURE</b> — <i>A failure in our operational systems or infrastructure, or those of third parties, could materially adversely affect our business, cause financial losses or impair liquidity in the REMIC certificates.</i> ”
Termination.....	In general, a series trust will terminate once the trustee has distributed all required principal and interest payments to the related certificateholders. In no event will any series trust continue beyond the last day of the 60th year following the issue date of the related certificates. We do not have any option to cause an early termination of a series trust simply because the unpaid principal balance of the related pool declines to a stated percentage of the unpaid principal balance of the pool at the issue date. If specified in the related prospectus supplement, however, a third party may have the option to terminate a series trust early by purchasing all of the assets remaining in the trust.
Federal Income Tax Consequences .....	For federal income tax purposes, we will elect to treat all or a portion of the assets of each series trust as one or more REMICs. Unless otherwise provided in the related prospectus supplement, the certificates will be treated as “regular or residual interests in a REMIC” for domestic building and loan associations, as “real estate assets” for real estate investment trusts and, except for any residual certificates, as “qualified mortgages” for other REMICs, in each case as described in “ <b>MATERIAL FEDERAL INCOME TAX CONSEQUENCES—REMIC Election and Special Tax Attributes.</b> ” Special tax considerations apply to residual certificates. You should not purchase residual certificates before consulting your tax advisor.
Legal Investment Considerations .....	Under the Secondary Mortgage Market Enhancement Act of 1984, the certificates offered by this prospectus and the related prospectus supplement will be considered “securities issued or guaranteed by . . . the Federal National Mortgage Association.” Nevertheless, you should consult your own legal advisor to determine whether and to what extent the certificates of a particular series constitute legal investments for you.
ERISA Considerations.....	For the reasons discussed in “ <b>ERISA CONSIDERATIONS</b> ” in this prospectus, an investment in certificates of a series trust by a plan subject to the Employee Retirement Income Security Act (“ERISA”) will not cause the assets of the plan to include the mortgage loans indirectly backing the certificates or the assets of Fannie Mae for purposes of the fiduciary provisions of ERISA or the prohibited transaction provisions of ERISA

Uniform Mortgage-Backed Securities .....

or section 4975 of the Internal Revenue Code of 1986, as amended.

FHFA directed Fannie Mae and Freddie Mac to develop a single common mortgage-backed security that is fungible with then-outstanding Fannie Mae guaranteed mortgage pass-through certificates and Freddie Mac Participation Certificates. The FHFA initiative to develop Uniform Mortgage-Backed Securities, or UMBS® (the “Single Security Initiative”), is intended to maximize liquidity for both Fannie Mae and Freddie Mac mortgage-backed securities in the “to-be-announced” or “TBA market.”

Certificates backed by fixed-rate mortgage loans and bearing certain prefixes are UMBS. See also “**RISK FACTORS—RISKS RELATING TO ALIGNMENT WITH FREDDIE MAC AND THE SINGLE SECURITY INITIATIVE.**”

In most cases, the decision to invest in certificates backed by UMBS will be made based on certain assumed characteristics of those UMBS. The actual UMBS backing any certificates may be issued and guaranteed by either Fannie Mae or Freddie Mac, or a combination of the two, and may be in the form of Fannie Mae MBS, Fannie Mae Supers certificates, Freddie Mac Guaranteed Uniform Mortgage Pass-Through Certificates, Freddie Mac Guaranteed Supers certificates or a combination thereof.

## RISK FACTORS

We have listed below some of the principal risk factors associated with an investment in the certificates. Moreover, you should carefully consider the risk factors related to Fannie Mae that are found in our annual report on Form 10-K and our quarterly reports on Form 10-Q, which we incorporate by reference into this prospectus. The risk factors related to Fannie Mae include risks that may affect your investment in and the value of the certificates.

If the series trust assets of a particular series of certificates include Fannie Mae Securities, you should carefully consider the additional risk factors related to the mortgage loans backing the Fannie Mae Securities that are found in the MBS Prospectus, the Mega Prospectus, the Supers Prospectus, the SMBS Prospectus and the Underlying REMIC Prospectus, as applicable. If the series trust assets for a particular series of certificates include Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities, you should also carefully consider the risk factors that are found in the disclosure documents related to those securities as described above under “**DISCLOSURE DOCUMENTS FOR ISSUANCES OF CERTIFICATES—Prospectuses—Prospectuses for the Series Trust Assets.**” In addition, we may disclose additional risk factors associated with a specific series of certificates in the related prospectus supplement.

You should review all of these risk factors before investing in the certificates. Because each investor has different investment needs and a different risk tolerance, you should consult your own financial or legal advisor to determine whether the certificates are a suitable investment for you.

### RISKS RELATING TO INVESTMENT DECISIONS

*The certificates may not be a suitable investment for you.*

The certificates are complex financial instruments. They are not a suitable investment for every investor. Before investing, you should:

- have sufficient knowledge and experience to evaluate (either alone or with the help of a financial or legal advisor) the merits and risks of the certificates being offered as well as the information contained in this prospectus, the related prospectus supplement, any supplements to the prospectus supplement and the documents incorporated by reference;
- understand thoroughly the terms of the certificates and the related series trust assets;
- be able to evaluate (either alone or with the help of a financial or legal advisor) the economic, interest rate and other factors that may affect your investment;
- have sufficient financial resources and liquidity to bear all risks associated with the certificates and the related series trust assets; and
- investigate any legal investment restrictions that may apply to you.

You should exercise particular caution if your circumstances do not permit you to hold the certificates until maturity.

*Some investors may be unable to buy certain classes of certificates.*

Investors whose investment activities are subject to legal investment laws and regulations, or to review by regulatory authorities, may be unable to buy certain certificates. Investors who buy certificates in violation of such laws may be compelled to divest the certificates. You should obtain legal advice to determine whether you may purchase the certificates of any series or class.

### RISKS RELATING TO YIELD AND PREPAYMENT

*The yield on your certificates may be lower than expected due to an unexpected rate of principal prepayments.*

The actual yield on your certificates is likely to be lower than you expect:

- if you buy certificates at a premium and principal payments on the related mortgage loans are faster than you expect;
- if you buy certificates at a discount and principal payments on the related mortgage loans are slower than you expect; or

- if you buy interest-only certificates and principal payments on the related mortgage loans are faster than you expect.

Moreover, in the case of certificates purchased at a premium, you may lose money on your investment if prepayments on the related mortgage loans occur at a rapid rate.

***Delay Classes have lower yields and lower market values.***

Certain classes of certificates are “Delay Classes” of securities because they do not receive interest immediately following each interest accrual period. As a result, Delay Classes have lower yields and lower market values than they would have if they were “No Delay Classes” with no such delay.

***Unpredictable timing of the last payment may adversely affect the yield on your certificates.***

The actual final payment of your certificates is likely to occur earlier, and could occur much earlier, than the final distribution date specified on the cover page of the related prospectus supplement. If you assume that the actual final payment will occur on that date, your yield may be lower than you expect.

***Reinvestment of payments of principal of your certificates may not achieve the same yields as the yields on your certificates.***

The rate of principal payments on your certificates is uncertain as it depends upon the rate of principal payments on the related series trust assets. As you receive payments of principal of your certificates, you may be unable to reinvest the principal at the same yields as the yields received on your certificates.

***Volatility in currency exchange rates may adversely affect the yield on your certificates.***

We will make all payments of principal and interest, as applicable, on the certificates in U.S. dollars. If you conduct your financial activities in another currency, an investment in any U.S. dollar-denominated security, such as the certificates, has significant additional risks. These include the possibility of significant changes in the rate of exchange and the possibility that exchange controls may be imposed. In recent years, the exchange rates between the U.S. dollar and certain currencies have been highly volatile. This volatility may continue. If the value of your currency appreciates relative to the value of the U.S. dollar, the yield on the certificates, the value of payments on the certificates and the market value of the certificates would decline in terms of your currency. Additionally, given the uncertainty surrounding LIBOR indices and related global interest rate benchmarks, differences in the performance of those benchmarks could affect the yield on the certificates.

***Uncertainty as to the determination of LIBOR and the potential phasing out of LIBOR after 2021 may adversely affect the value of certain certificates.***

On July 27, 2017, the United Kingdom Financial Conduct Authority announced that it intends to stop persuading or compelling banks to submit LIBOR rates after 2021. Accordingly, it is uncertain whether the ICE Benchmark Administration (the “IBA”), the entity responsible for administering LIBOR, will continue to quote LIBOR after 2021.

In addition, in early 2018, the IBA stated its intention to continue to administer and quote LIBOR after 2021, possibly employing an alternative methodology. Therefore, no assurance can be given that LIBOR on any date accurately represents the London interbank rate or the rate applicable to actual loans in U.S. dollars for the relevant period between leading European banks, or that the underlying methodology for LIBOR will not change.

Efforts to identify a set of alternative U.S. dollar reference interest rates include proposals by the Alternative Reference Rates Committee (the “ARRC”) of the Federal Reserve Board and the FRBNY. We are a member of the ARRC and are participating in several of its working groups. As described under “**DESCRIPTION OF THE CERTIFICATES—Distributions on Certificates—Interest Distributions—Indices for Floating Rate Classes and Inverse Floating Rate Classes—LIBOR,**” we have adopted the ARRC Endorsed Terms for determining an alternative reference rate for our LIBOR-based securities. The ARRC Endorsed Terms as adopted by us are set forth on **Exhibit B** to this prospectus, which also contains certain defined terms used in this prospectus.

The ARRC Endorsed Terms provide for various alternative benchmarks based on availability: the first alternative is term SOFR, the second alternative is compounded SOFR, the third alternative is a benchmark rate selected or recommended by a relevant governmental body, the fourth alternative is an ISDA fallback rate and the fifth alternative is a benchmark rate selected by Fannie Mae. The Secured Overnight Financing Rate, or “SOFR,” is



a secured, risk-free rate that is calculated based on different criteria than LIBOR, which is an unsecured rate reflecting counterparty risk. Accordingly, SOFR and LIBOR may diverge, particularly in times of economic instability. Since the initial publication of SOFR in April 2018, daily changes in SOFR have at times been more volatile than daily changes in comparable benchmark or market rates, and, over the lives of the LIBOR-indexed certificates, SOFR may diverge from historical or indicative data. Term SOFR, which is the first alternative benchmark, is expected to be a prospective term rate based on SOFR. Term SOFR is currently in development and no assurance can be provided whether or when its development will be completed. If term SOFR is not available as of the benchmark replacement date, the next alternative benchmark is compounded SOFR. Compounded SOFR is a retrospective rate generally calculated using actual rates, and at times may also diverge from LIBOR. If a benchmark replacement other than term SOFR is chosen because term SOFR is not initially available, term SOFR will become the benchmark replacement if it later becomes available, which could lead to further volatility in the interest rates of the related certificates. Moreover, a benchmark replacement adjustment may be applied to compensate for the foregoing effects of any benchmark replacement. However, no assurance can be provided that any benchmark replacement adjustment will be sufficient to produce the economic equivalent of the then-current benchmark, either at the benchmark replacement date or over the lives of the LIBOR-indexed certificates. Additionally, we cannot anticipate how long it will take us or CSS to develop the systems and procedures necessary to adopt a specific benchmark replacement, which may delay and contribute to uncertainty and volatility surrounding any benchmark transition for the certificates. In general, our dependence upon CSS and the FRBNY for the implementation of SOFR also could adversely affect our ability to transition to term SOFR or apply related benchmark replacement conforming changes. See “—*The Secured Overnight Financing Rate is a relatively new market index and as the related market continues to develop the performance of certificates indexed to SOFR may be different from the performance of certificates linked to indices that have historically been more widely used*” for a discussion of additional risks related to SOFR.

The ARRC Endorsed Terms generally rely on actions to be taken by regulators or the ARRC; however, there can be no assurance whether or when those actions will be taken. There also can be no assurance that actions taken by regulators or the ARRC will be sufficient to trigger a transition from LIBOR to an alternative reference rate in all circumstances where LIBOR is no longer representative of market interest rates, or that related benchmark transition events for LIBOR-indexed certificates will align with similar developments in the related market or in other parts of the financial markets, such as the derivatives market. In the absence of an effective resolution, we may be required to exercise our discretion to designate a replacement index and make related adjustments to the applicable interest rate calculations, which actions may be necessary in the absence of a clear market consensus.

As of the date of this prospectus, we are unable to predict whether or when LIBOR will cease to be available; an alternative reference rate will become a benchmark to replace LIBOR; or LIBOR will no longer be representative of market interest rates. If LIBOR ceases to be available or changes in a manner that causes regulators or market participants to question its continued viability as a benchmark, financial instruments indexed to LIBOR could experience disparate outcomes based on their contractual terms (including the ability to amend those terms), market or product type, legal or regulatory jurisdiction, and a host of other factors. There can be no assurance that legislative or regulatory initiatives will determine the outcome if LIBOR ceases or is no longer viable as a benchmark. In addition, while the ARRC was created to identify best practices for market participants regarding alternative interest rates, there can be no assurance that broadly adopted industry practices will develop. Divergent industry or market participant actions could result after LIBOR is no longer available or viable as a benchmark. It is uncertain what effect any divergent industry practices will have on the performance of financial instruments, including certificates that we have issued. We are unable to predict the effect of any alternative reference rates that may be established or any other reforms to LIBOR that may be adopted in the United Kingdom, in the U.S. or elsewhere. This uncertainty may also affect the prepayment rates on ARM loans indexed to LIBOR. Overall, uncertainty as to the nature of such potential changes, alternative reference rates or other reforms may adversely affect the liquidity, yields and market values of LIBOR-indexed certificates, including certificates backed by MBS that are in turn backed by LIBOR-indexed ARM loans.

Fannie Mae will have discretion with respect to certain elements of the benchmark replacement process, including determining whether a benchmark transition event and its related benchmark replacement date have occurred, determining which benchmark replacement is available, determining the earliest practicable index determination date for using the benchmark replacement, selecting a benchmark replacement in the event term SOFR or compounded SOFR is unavailable, determining related benchmark adjustments (if not otherwise determined by applicable governing bodies or authorities) and making benchmark replacement conforming changes (including potential changes affecting the business day convention and index determination date). If Fannie Mae, in its sole

discretion, determines that an alternative index is not administratively feasible, including as a result of technical, administrative or operational issues, then such alternative index will be deemed not subject to determination as of such date. Fannie Mae may determine that an alternative is not administratively feasible even if such rate has been adopted by other market participants for similar securities, and any such determination may adversely affect the liquidity, yields and market values of LIBOR-indexed certificates. Furthermore, if Fannie Mae selects an alternative index on any date as a result of its determination that an alternative appearing higher in the applicable list of alternatives is not administratively feasible and such higher alternative subsequently becomes administratively feasible, then Fannie Mae may elect to replace the previously selected alternative with such alternative appearing higher in the applicable list of alternatives. Any such determination will be at the sole discretion of Fannie Mae and none of the foregoing determinations, or the application thereof to payment calculations on LIBOR-indexed certificates, will be subject to the approval of certificateholders. Moreover, any such determinations may adversely affect the liquidity, yields and market values of LIBOR-indexed certificates.

Furthermore, subject to limited exceptions, FHFA has directed us to cease issuing LIBOR-indexed certificates after September 30, 2020. This cessation will not apply to RCR exchanges or resecuritizations of previously issued LIBOR-indexed certificates so long as such resecuritizations do not increase the total outstanding principal balance of LIBOR-indexed certificates. This cessation may have a negative impact on the liquidity, yields and market values of LIBOR-indexed certificates.

In addition, the terms of ARM loans that currently use LIBOR indices provide for the designation of an alternative index or method for the determination of interest rates on such ARM loans in the event that LIBOR is no longer available. We can provide no assurance that any such alternative index or method will yield the same or similar economic results over the lives of the related ARM loans. In addition, although the designation of any alternative index or method will take into account various factors, including then-prevailing industry practices, there can be no assurance that broadly-accepted industry practices will develop, and it is uncertain what effect divergent industry practices may have on the related certificates. We may in the future undertake programs, at our initiative or at the direction of FHFA, to encourage lenders to solicit borrowers of LIBOR-indexed ARM loans to refinance into fixed-rate or other products. Any such refinancing of mortgage loans underlying the MBS that back certificates will result in distributions to certificateholders of the related loan principal balances as prepayments in full. Furthermore, we cannot predict the impact on borrowers or the outcome of any judicial challenge to the designation of an alternative index for the determination of interest rates on ARM loans or the impact of any adverse outcome on the related certificates. These developments could have a material adverse impact on the liquidity, yields and market values of certificates backed by MBS that are in turn backed by LIBOR-indexed ARM loans.

***The Secured Overnight Financing Rate is a relatively new market index and as the related market continues to develop the performance of certificates indexed to SOFR may be different from the performance of certificates linked to indices that have historically been more widely used.***

SOFR is a relatively new interest rate index that may not become widely established in the market and could eventually be eliminated. Further, the method for determining SOFR, including any market accepted adjustments, may change over time.

SOFR is published by the FRBNY and is intended to be a broad measure of the cost of borrowing cash overnight collateralized by Treasury securities. The Federal Reserve reports that SOFR includes all trades in the Broad General Collateral Rate, plus bilateral Treasury repurchase agreement transactions cleared through the delivery-versus-payment service offered by the Fixed Income Clearing Corporation (the “FICC”), a subsidiary of the Depository Trust and Clearing Corporation (“DTCC”). SOFR is filtered by the Federal Reserve to remove a portion of the foregoing transactions considered to be “specials.”

The Federal Reserve reports that SOFR is calculated as a volume-weighted median of transaction-level tri-party repo data collected from The Bank of New York Mellon as well as General Collateral Finance repurchase agreement transaction data and data on bilateral Treasury repurchase transactions cleared through the FICC’s delivery-versus-payment service. The Federal Reserve notes that it obtains information from DTCC Solutions LLC, an affiliate of DTCC. SOFR is published by the FRBNY based on data received from sources outside of the control or direction of Fannie Mae and Fannie Mae has no control over its determination, calculation or publication. The activities of the FRBNY may directly affect prevailing rates of SOFR in ways we are unable to predict. In particular, the FRBNY may alter the methods of calculation, publication schedule, rate revision practices or availability of SOFR at any time without notice. The Federal Reserve notes on its publication page for SOFR that use of SOFR is subject to important

limitations and disclaimers, including that the Federal Reserve may alter the methods of calculation, publication schedule, rate revision practices or availability of SOFR at any time without notice.

Because SOFR is published by the Federal Reserve based on data received from other sources, Fannie Mae has no control over its determination, calculation or publication. There can be no guarantee that SOFR will not be discontinued or fundamentally altered in a manner that is materially adverse to the interests of investors in the certificates. If the manner in which SOFR is calculated is changed, that change may result in a reduction of the amount of interest payable on the certificates and the trading prices of the certificates. We are dependent upon CSS and the FRBNY for our implementation of SOFR, which could adversely affect our ability to transition to term SOFR if it later develops.

The Federal Reserve began to publish SOFR in April 2018 and publishes historical indicative SOFR going back to 2014. In addition, the Federal Reserve began to publish 30-, 90- and 180-day averages of SOFR in March 2020. Investors should not rely on any historical changes or trends in SOFR as an indicator of future changes or trends. As an overnight lending rate, SOFR may be subject to higher levels of volatility relative to other interest rate benchmarks. Also, since SOFR is a relatively new market index, the certificates will likely have no established trading market when issued, and an established trading market may not develop or may not provide significant liquidity. Market terms for securities indexed to SOFR, such as the spread over the index reflected in interest rate provisions, may evolve over time, and trading prices of SOFR-indexed certificates may be lower than those of SOFR-indexed certificates issued in subsequent periods. Similarly, if SOFR does not become widely adopted in the related market, the trading prices of SOFR-indexed certificates may be lower than those of certificates linked to indices that are more widely used. Investors in SOFR-indexed certificates may be unable to sell their certificates or sell them at prices that provide yields comparable to those of similar investments with a more developed secondary market, and may consequently experience increased pricing volatility and market risk.

As noted above, the FRBNY began to publish compounded averages of SOFR in March 2020. These averages are used to determine compounded SOFR. Term SOFR is currently in development and no assurance can be provided whether or when it will become available. It is possible that the market for certificates based on compounded SOFR or term SOFR will be limited. As a result, investors should consider whether any future reliance on compounded SOFR or term SOFR may adversely affect the yields and market values of SOFR-indexed certificates due to potentially limited liquidity and resulting constraints on available hedging and financing alternatives.

In the event compounded SOFR is used for SOFR-indexed certificates, operational constraints will require a compounded SOFR calculation methodology based on actual rates during a period of approximately 30 days (or such other period as may be specified in the related prospectus supplement) ending prior to the commencement of each related interest accrual period. The index determination date for SOFR-indexed certificates will be the second business day preceding the commencement of each related interest accrual period. Subject to operational, administrative and technical feasibility as determined by us in our discretion, term SOFR will become the benchmark for SOFR-indexed certificates if it later becomes available, which could lead to volatility in the interest rates of the related certificates. Additionally, we cannot anticipate how long it will take us or CSS to develop the systems and procedures necessary to adopt term SOFR, which may delay and contribute to uncertainty and volatility surrounding any transition for the certificates from compounded to term SOFR. In general, our dependence upon CSS and the FRBNY for the implementation of SOFR also could adversely affect our ability to transition to term SOFR if it becomes available.

We may, from time to time, make benchmark replacement conforming changes, which could affect the methodology used to determine SOFR. We can provide no assurance that the methodology for calculating compounded SOFR, or, if later adopted, term SOFR, will not be adjusted as described after the issuance of SOFR-indexed certificates or, if so adjusted, that such certificates will yield the same or similar economic results relative to the results that would have occurred absent such adjustment or that the market values of such certificates will not decrease due to any such adjustment. Fannie Mae will have significant discretion in making benchmark replacement conforming changes. See “**DESCRIPTION OF THE CERTIFICATES—Distributions on Certificates—Interest Distributions—Indices for Floating Rate Classes and Inverse Floating Rate Classes—SOFR**” for a description of how we determine the interest rate for SOFR-indexed certificates.

We can provide no assurance whether or when SOFR-indexed certificates will in the future be indexed to term SOFR or, if indexed to term SOFR in the future, that such certificates will yield the same or similar economic results relative to the results that would have occurred had such interest rates adjusted based on compounded SOFR or that the market values of such certificates will not decrease due to the transition from compounded SOFR to term SOFR.

Investors in SOFR-indexed certificates, and certificates backed by MBS that are in turn backed by SOFR-indexed ARM loans, should carefully consider the foregoing factors prior to purchasing those certificates. In general, these factors may adversely affect the liquidity, yields and market values of the related certificates.

***Changes to, or elimination of, SOFR could adversely affect investors in SOFR-indexed certificates.***

In certain circumstances, as described in the ARRC Endorsed Terms, SOFR could be replaced as the benchmark for SOFR-indexed certificates following the occurrence of a benchmark transition event and its related benchmark replacement date. Benchmark transition events include the making of public statements or the publication of information by the administrator of SOFR or its regulatory supervisor that SOFR will no longer be provided or is no longer representative of underlying market or economic conditions. There can be no assurance that these events will be sufficient to trigger a change from SOFR in all circumstances where SOFR is no longer representative of market interest rates, or that benchmark transition events for SOFR-indexed certificates will align with similar developments in the related market or in other parts of the financial markets, such as the derivatives market.

Following a benchmark transition event in respect of SOFR-indexed certificates, the rate of interest on such certificates will instead be determined by reference to the next available alternative benchmark set forth under the ARRC Endorsed Terms: the first alternative is a benchmark rate selected or recommended by a relevant governmental body, the second alternative is an ISDA fallback rate and the third alternative is a benchmark rate selected by Fannie Mae. If a particular benchmark replacement or benchmark replacement adjustment cannot, in Fannie Mae's sole judgment, be determined (including due to administrative infeasibility), then the next-available benchmark replacement or benchmark replacement adjustment set forth under the ARRC Endorsed Terms will apply. There can be no assurance that any benchmark replacement (including any related benchmark replacement adjustment) will be sufficient to produce the economic equivalent of SOFR on the benchmark replacement date or over the lives of the related certificates. Moreover, upon a benchmark transition event in respect of SOFR-indexed certificates, systems and process constraints may preclude the adoption of a replacement index in a manner consistent with market consensus or investor expectations. Additionally, we cannot anticipate how long it will take us or CSS to develop the systems and procedures necessary to adopt a specific benchmark replacement, which may delay and contribute to uncertainty and volatility surrounding any benchmark transition for the related certificates.

As described above in “***—Uncertainty as to the determination of LIBOR and the potential phasing out of LIBOR after 2021 may adversely affect the value of certain certificates.***” Fannie Mae will have discretion with respect to certain elements of the benchmark replacement process, including determining whether a benchmark transition event and benchmark replacement date have occurred, determining which benchmark replacement is available, determining the earliest practicable index determination date for using the benchmark replacement, determining benchmark replacement adjustments (if not otherwise determined by applicable governing bodies or authorities) and making additional benchmark replacement conforming changes (including potential changes affecting the business day convention and index determination date). If Fannie Mae, in its sole discretion, determines that an alternative index is not administratively feasible, including as a result of technical, administrative or operational constraints, then such alternative index will be deemed not subject to determination as of such date. Fannie Mae may determine that an alternative is not administratively feasible even if such rate has been adopted by other market participants for similar securities, and any such determination may adversely affect the liquidity, yields and market values of SOFR-indexed certificates. Furthermore, if Fannie Mae selects an alternative index on any date as a result of a determination that an alternative appearing higher in the applicable list of alternatives is not administratively feasible and such higher alternative subsequently becomes administratively feasible, then Fannie Mae may elect to replace the previously selected alternative with such alternative appearing higher in the applicable list of alternatives. Any such determination will be at the sole discretion of Fannie Mae and none of the foregoing determinations, or the application thereof to payment calculations on SOFR-indexed certificates, will be subject to the approval of certificateholders. Moreover, any such determinations may adversely affect the liquidity, yields and market values of SOFR-indexed certificates.

***The adoption of an alternative index in response to changes to, or the elimination of, an interest rate benchmark could result in adverse tax consequences to investors in certain certificates.***

It is possible that the adoption of an alternative index could be treated as a “significant modification” of the related certificates under Section 1001 of the Internal Revenue Code of 1986, as amended (the “Code”), which could result in a deemed taxable exchange of such certificates and the realization by investors of gain or loss. We may rely on proposed Treasury regulations published on October 9, 2019, which would allow that the adoption of an alternative index for LIBOR-based debt, derivatives, and other financial contracts may not be treated as a “significant

modification” if certain conditions are met. We intend to make reasonable efforts to meet such conditions, although no assurance can be given that the adoption of an alternative index will not result in a “significant modification.” Investors are advised to consult their own tax advisors regarding the adoption of an alternative index. See **“MATERIAL FEDERAL INCOME TAX CONSEQUENCES—Taxation of Beneficial Owners of Regular Certificates—Adoption of an Alternative Index”** in this prospectus.

*We may withdraw some or all of the series trust assets due to a breach of representations or warranties, accelerating the rate at which you receive your return of principal (or the rate at which the notional principal balance of your certificates is reduced).*

Each seller that sells series trust assets to us makes various representations and warranties about itself and the series trust assets. If these representations and warranties were not true when made, we can, within 90 days after our discovery of the breach, require the seller to purchase the affected series trust assets. The affected series trust assets could include some or all of the series trust assets in a series trust. When a series trust asset is purchased from the series trust, its stated principal balance, together with accrued interest, is passed through to the related certificateholders on the first distribution date after the date of the purchase. Thus, a breach of a representation and warranty may accelerate the rate of payments of principal (or the rate of notional principal balance reductions) on your certificates. See **“THE TRUST DOCUMENTS—Purchase or Substitution of Series Trust Assets.”**

*Yields on and weighted average lives of the certificates are affected by actual characteristics of the mortgage loans backing the series trust assets.*

Except as otherwise provided in the related prospectus supplement, we assume that the mortgage loans backing the series trust assets have certain characteristics. However, the actual mortgage loans are likely to have characteristics that are different from those that we assume. As a result, your yield may be lower than you expect, even if the mortgage loans prepay at the indicated prepayment speeds. In addition, slight differences between the assumed mortgage loan characteristics and the actual mortgage loan characteristics may affect the weighted average lives of the related classes of certificates.

*The level of a floating rate index affects yields on certain certificates.*

If the interest rate of your certificates adjusts according to an index, the yield on your certificates will be affected by the level of the interest rate index. If the level of the index differs from the level you expect, the actual yield on your certificates may be lower than you expect.

*Basis risk may adversely affect the yield on your certificates.*

If the interest rate of your certificates adjusts according to an index, and the interest rates of the series trust assets adjust according to a different index, the absence of correlation between the two indices may adversely affect the yield on your certificates.

*The yields on WAC classes of certificates will be affected by changes in the weighted average interest rates of the related series trust assets.*

If you own a weighted average coupon (“WAC”) class of certificates, your yield could be affected by changes in the weighted average of the interest rates on the related series trust assets. The interest rate on each WAC class will be calculated each month as described in the related prospectus supplement and generally may vary each month due to changes in the weighted average of the interest rates on the related series trust assets. Series trust assets with higher interest rates may be more likely to be prepaid or refinanced than series trust assets with lower interest rates, which would reduce your yield on the related WAC class. Moreover, if you purchase a certificate of a WAC class, the timing of changes in the weighted average of the interest rates of the related series trust assets may significantly affect your yield, even if the weighted average of those rates generally is consistent with your expectations. In general, the earlier the change in the level of the weighted average interest rate, the greater the effect on your yield to maturity. As a result, if the weighted average interest rate during any period is lower than you expect, a corresponding increase in that rate during a later period may not fully offset the effect of the earlier rate on your yield.

*The certificates are affected by the prepayment and other risk factors to which the series trust assets are subject.*

Because the certificates of a particular series are affected by the prepayment and other risk factors to which the series trust assets are subject, investors should read and understand the risk factors found in the disclosure documents for the related MBS (including Fannie Mae UMBS), Mega certificates, Fannie Mae Supers certificates,

SMBS and Fannie Mae Underlying REMIC certificates, as applicable, or, if Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities are held in the series trust, in the disclosure documents related to those securities. See “**RISK FACTORS—RISKS RELATING TO YIELD AND PREPAYMENT**” in the MBS Prospectus.

*The COVID-19 outbreak may adversely affect the performance or market value of the certificates; the effect could be materially greater than we currently anticipate.*

The rapid global outbreak of COVID-19 has resulted in historic volatility in the financial markets and has significantly adversely affected the U.S. and global economies. On March 13, 2020, President Trump declared the COVID-19 outbreak a national emergency and since then the outbreak has widened, resulting in stay-at-home orders, school closures and widespread business shutdowns in most areas of the country. These shutdowns and other reductions in business activity due to the COVID-19 outbreak have resulted in a substantial increase in unemployment levels with additional increases expected. While the federal government is taking many actions to reduce the negative economic impact of the COVID-19 outbreak, the extent to which these actions will mitigate the short-term and long-term negative impacts of the COVID-19 outbreak on the U.S. economy and our business is unclear. The outbreak could result in a sustained drop in the level of U.S. economic activity.

The COVID-19 outbreak is an unprecedented event, and therefore it is difficult to assess or predict the impact of the outbreak on the performance or market value of the related mortgage loans (and therefore the certificates), particularly as new developments relating to the outbreak are highly uncertain and unpredictable. Factors that will impact the extent to which the COVID-19 outbreak affects our business or the performance or market value of the related mortgage loans, include: the duration, spread and severity of the outbreak; the actions taken to contain the virus or treat its impact, including government actions to mitigate the economic impact of the outbreak; the nature and extent of the forbearance and modification options we offer borrowers affected by the outbreak; borrower and renter behavior in response to the virus and its economic impact; how quickly and to what extent normal economic and operating conditions can resume, including whether any future outbreaks interrupt economic recovery; and how quickly and to what extent affected borrowers, renters and counterparties can recover from the negative economic impact of the outbreak. While we are unable to predict the future course of these events or their longer-term effects on our business, key areas we have identified where the COVID-19 outbreak may negatively affect the performance or market value of the related mortgage loans include:

- *Increased borrower credit risk.* Among other factors, general economic conditions and local, regional and national employment conditions affect borrowers’ ability to repay their mortgage loans. As a result, it is possible that current and future declines in economic activity and resulting higher unemployment rates could lead to significantly higher rates of delinquencies and defaults on mortgage loans. At FHFA’s direction and/or as required by the Coronavirus Aid, Relief, and Economic Security Act (the “CARES Act”), we are taking a number of actions to help borrowers affected by the COVID-19 outbreak, including requiring that our servicers:
  - provide up to 12 months of forbearance to borrowers impacted by COVID-19-related financial hardships who request forbearance; and
  - suspend foreclosures and foreclosure-related evictions for loans (other than for vacant or abandoned properties) through at least August 31, 2020.

The CARES Act also instituted a temporary moratorium through July 25, 2020 on tenant evictions that applies to any mortgaged property backing a single-family loan we guarantee, which moratorium is likely to adversely affect the ability of some of our borrowers to make payments on their loans.

If a large number of borrowers cannot repay the amounts owed at the end of their forbearance plans or over time, or fail to qualify for modifications, this could result in significantly higher defaults on mortgage loans.

Many states and localities have also implemented or are considering borrower and renter protections that are more extensive than the CARES Act requirements and our requirements. These additional protections, depending on their scope and whether and to what extent they apply to our business, could contribute to a higher number of borrowers becoming delinquent on their loans. We cannot predict the effect of these actions, or any future actions we may be directed or required to take, on the performance or market value of the certificates.

In addition, if the COVID-19 outbreak negatively affects home prices, such declines could lead to reduced opportunities for refinancing and increased rates of mortgage loan delinquencies and foreclosures.

The COVID-19 outbreak could also affect the credit quality of our new loan acquisitions. Some of the mortgage loans we acquire may be subject to payment forbearance at the time of acquisition. In addition, due to CARES Act provisions prohibiting lenders from reporting previously current borrowers receiving COVID-19 related payment accommodations as delinquent to the credit bureaus, we may not have timely and complete data regarding a borrower's credit history when determining the eligibility of mortgage loans we acquire, including the mortgage loans underlying the certificates.

- *Increased human capital and business resiliency risk.* While we have personnel succession plans in place, these plans may not be effective. If a significant number of our executives or other employees, or their family members, contract COVID-19 during the same time period, it could materially adversely affect our ability to manage our business, which could have a material adverse effect on the performance or market value of the certificates. Since mid-March 2020, we have required nearly all of our workforce to work from home. This arrangement increases the risk of technological or cybersecurity incidents that may negatively affect the performance or market value of the certificates.
- *Increased counterparty credit and operational risk.* The economic dislocations caused by the COVID-19 outbreak could lead to default by one or more of our institutional counterparties on their obligations to us. Counterparty defaults could negatively impact our ability to operate our business as we outsource some of our critical functions to third parties, including mortgage servicing, certain technology functions and certain operational functions associated with issuing and managing certificates on our behalf, (including data acceptance, issuance support, bond administration and the production of disclosure).

For single-family loans, including those that are related mortgage loans, the Guides generally require servicers to advance scheduled principal and interest payments to trusts for payment to certificateholders when borrowers do not pay their mortgages on time. This servicing obligation ordinarily continues until we purchase the loan from the related trust, but, on April 21, 2020, FHFA announced that going forward a servicer's obligation to advance these payments will end after four months of missed borrower payments. Single-family servicers are still required to advance property tax and insurance payments to taxing authorities, hazard insurers and mortgage insurers. If a large number of borrowers do not pay their mortgages as a result of the economic dislocation caused by the COVID-19 outbreak, our servicers may not have sufficient liquidity to advance these payments. In such case, we would be required to advance the payments with respect to single-family loans backing certificates. If this were to occur on a large scale, our ability to advance those payments may be adversely affected.

In addition, if multiple servicers were to fail to meet their obligations to us, it could cause substantial disruption to our business, borrowers and the mortgage industry. We may not be able to transfer the servicing of loans to new servicers without significant operational disruptions and financial losses, and there may not be sufficient industry capacity to take on large servicing transfers. A large portion of our mortgage loans are serviced by non-bank servicers. We believe the counterparty risks associated with our non-bank servicers are higher than the risks associated with our depository servicers. Our non-bank servicers typically have lower financial strength, liquidity and operational capacity than our depository servicers, which may negatively affect their ability to fully satisfy their financial obligations or to properly service the loans on our behalf.

The actions we have taken to mitigate our credit risk exposure to mortgage servicers may not be sufficient to prevent us from experiencing significant financial losses or business interruptions in the event they cannot fulfill their obligations to us. We cannot predict with any certainty what effect this may have on the performance or market value of the certificates. See "**RISKS RELATING TO CERTAIN CREDIT CONSIDERATIONS—Seller and Servicer Credit Factors—If a direct servicer begins experiencing financial difficulties or becomes insolvent, collections on the mortgage loans could be affected**" in the MBS prospectus.

- *Increased risk of additional government action affecting our business.* The U.S. Congress, Treasury, the Federal Reserve, FHFA or other national, state or local government agencies may take additional steps in response to the COVID-19 outbreak that could adversely affect the performance or market value of

the certificates, such as expanding our obligations to assist borrowers or renters affected by the outbreak, requiring that we assist key counterparties affected by the outbreak or expanding the amounts and types of businesses that are shut down.

See “**YIELD, MATURITY AND PREPAYMENT CONSIDERATIONS—Maturity and Prepayment Considerations—Prepayments Resulting from Servicing Policies and Practices Regarding Distressed Loans—Mortgage Loans Impacted by COVID-19**” and “**THE MORTGAGE LOANS—Acquisition of Mortgage Loans in Forbearance Due to COVID-19**” in the MBS prospectus for a further discussion of our policies with respect to mortgage loans subject to forbearance in connection with the outbreak of COVID-19. We anticipate delays between the commencement of any applicable forbearance and the availability of information that a loan subject to forbearance is included in a trust. Issuance date disclosure will include information on those loans identified as being in forbearance prior to delivery to us. Subject to a one-month delay in the servicer reporting cycle, monthly pool-level disclosure will include certain information about loans in forbearance. We cannot provide any assurance regarding how many loans in a pool will receive payment forbearance and how many of the related borrowers will not be able to repay the amounts owed at the end of their forbearance plans or over time, or will fail to qualify for modifications. Accordingly, such mortgage loans may perform differently than mortgage loans with no history of forbearance.

Future developments relating to the COVID-19 outbreak are highly uncertain and we are unable to predict its longer-term effects on the performance of the related mortgage loans and therefore on the liquidity, yields and market values of the certificates. Investors are urged to consider carefully the potential impact of the foregoing risks when making their investment decisions.

## **RISKS RELATING TO LIQUIDITY**

*There may be no market for the certificates, and we cannot assure you that a market will develop and continue.*

We cannot be sure that each series of certificates, when issued, will have a ready market or, if a market does develop, that the market will remain active during the entire term for which your certificates are outstanding. In addition, neither we nor any other party are obligated to make a market in the certificates. Therefore, it is possible that if you wish to sell your certificates in the future, you may have difficulty finding potential purchasers.

Some of the factors that may affect the resale of your certificates include the following:

- our financial condition and rating (and, if applicable, Freddie Mac’s financial condition and rating);
- our future structure, organization, and the level of government support for the company (and, if applicable, the future structure, organization, and level of government support for Freddie Mac);
- whether we are in conservatorship or receivership (and, if applicable, whether Freddie Mac is in conservatorship or receivership);
- any increase or decrease in the level of governmental commitments to engage in market purchases of Fannie Mae’s or Freddie Mac’s mortgage-backed securities;
- the method, frequency and complexity of calculating principal or interest on the underlying securities and unpaid principal balances on the related mortgage loans;
- the age of the related mortgage loans;
- the prepayment features or other characteristics of the related mortgage loans;
- characteristics of the related series trust assets;
- past and expected prepayment levels of the series trust assets and of comparable series trust assets;
- the availability of current information about the underlying securities and related mortgage loans;
- the outstanding principal amount (or notional principal amount) of the certificates of that series and other series with similar features;
- the amount of certificates of that series or of a series with similar features offered for resale from time to time;



- the minimum denominations of the certificates;
- any significant reduction in our securitization volume due to a decline in mortgage loan originations by key sellers that have experienced liquidity or other major difficulties;
- any legal, regulatory or judicial restriction or tax treatment that limits demand for or the ability to create certificates;
- the availability of comparable or complementary securities;
- market uncertainty;
- the level of interest rates generally, the volatility with which prevailing interest rates are changing and the direction in which interest rates are, or appear to be, trending; and
- the financial condition and rating of the sellers and the servicers of the related mortgage loans.

These risks will be greatest in the case of certificates that are especially sensitive to interest rate or market risks, that are designed for specific investment objectives or strategies or that have been structured to meet the investment requirements of limited categories of investors. Those certificates are more likely to have a limited market for resale, little or no liquidity, and more price volatility than other similar mortgage-backed securities. Limited liquidity may have a severely adverse effect on the market value of these types of certificates.

The interest rate of an inverse floating rate class of certificates will change in the opposite direction of changes in the specified interest rate index. The prices of these certificates typically are more volatile than those of non-inverse floating rate classes based on the same index with otherwise comparable terms. Increased volatility occurs because an increase in the index not only decreases the interest rate (and consequently the value) of the certificates, but also reflects an increase in prevailing interest rates, which further diminishes the value of these certificates.

The market prices of principal only and interest only classes of certificates typically fluctuate more in response to changes in interest rates than do the prices of interest-bearing mortgage-backed securities having principal balances and comparable maturities. Other securities issued at a substantial discount or premium from their principal balances (such as certificates issued with significantly below-market or above-market interest rates) also have higher volatility. In general, the longer the remaining term to maturity of these types of certificates, the greater their price volatility as compared to interest-bearing mortgage-backed securities having principal balances and comparable maturities.

***There may be restrictions on your ability to include your certificate in another Fannie Mae securitization.***

When we deposit series trust assets into a trust and issue a series of certificates backed by those series trust assets, we refer to the process as a resecuritization. If we identify discrepancies in the data related to a class or series of certificates or to the related series trust assets that cannot be resolved promptly, certificates (including the certificates offered by this prospectus) of that class or series may be restricted from resecuritization until the data discrepancies or other issues have been resolved. While a certificate is so restricted, it is still eligible to be sold, transferred or otherwise hypothecated; it cannot, however, be resecuritized into another Fannie Mae mortgage-backed security. PoolTalk will identify whether a certificate is eligible for, or restricted from, resecuritization. If the data discrepancies are resolved, the certificates will become eligible for resecuritization.

***A reduction in or end to the Federal Reserve's acquisition of agency mortgage-backed securities could adversely affect our business, results of operations, financial condition, liquidity and net worth and reduce demand for our mortgage-backed securities.***

In recent months, the Federal Reserve has purchased a significant amount of mortgage-backed securities issued by us, Freddie Mac and Ginnie Mae. Any change in the Federal Reserve's policy toward the investment in mortgage-backed securities, or possible future sales of mortgage-backed securities by the Federal Reserve, could result in increases in mortgage interest rates, adversely affect our business volume, and reduce demand for our MBS, including the certificates offered by this prospectus, which could adversely affect the price of those securities.

***A revised Financial Industry Regulatory Authority (FINRA) rule may adversely affect the liquidity of the certificates.***

In June 2016, the SEC approved amendments to FINRA Rule 4210 to establish margin requirements for “to be announced” transactions, Specified Pool Transactions and certain forward transactions involving collateralized mortgage obligations (collectively, the “Covered Agency Transactions”).

Pursuant to the amended rule, FINRA members that engage in Covered Agency Transactions must establish risk limits for these transactions in accordance with the member’s written risk policies and procedures. In addition, FINRA members must collect margin (cash and/or securities transferred from one counterparty to another to reduce the risks associated with a transaction) for certain Covered Agency Transactions. After several postponements, the effective date of the revised margin requirements for Covered Agency Transactions is currently scheduled for March 25, 2021.

The amendments to FINRA Rule 4210 may adversely affect the liquidity of our MBS in the market, including the certificates offered by this prospectus.

## **RISKS RELATING TO CERTAIN CREDIT CONSIDERATIONS**

***If our credit becomes impaired, a buyer may be willing to pay only a reduced price for the certificates.***

There could be an adverse change in our liquidity position or financial condition that impairs our credit rating or the perception of our credit. Even if we were to make all payments required under our guaranty, reduced market liquidity may make it more difficult to sell the certificates and potential buyers may offer less for the certificates than they would have offered if our liquidity position or financial condition had remained unchanged.

***If we failed to pay under our guaranty, the amounts distributed to certificateholders could be reduced, and the timing of distributions could be affected.***

Borrowers may fail to make timely payments on the related mortgage loans. In addition, an entity that is under contract to perform mortgage loan servicing functions for us (a “loan servicer”) may fail to remit borrower payments to us. In either case, we are responsible for making payments to the series trust under our guaranty. However, we could fail to make the payments required under our guaranty to the series trust if (i) our financial condition prevented us from fulfilling our guaranty obligations with respect to the series trust, or (ii) we were placed into a new conservatorship or into receivership and could not or did not fulfill our guaranty obligations. In that case, certificateholders would receive from the series trust only the amounts paid on the series trust assets, which are generally limited to borrower payments and other recoveries on the related mortgage loans. As a result, delinquencies and defaults on the related mortgage loans or a loan servicer’s failure to remit borrower payments to the series trust would adversely affect the amounts that certificateholders received each month.

***We may not have sufficient capital reserves to avoid a net worth deficit if we experience comprehensive losses in the future. If we have a net worth deficit in a future quarter, we will be required to draw funds from Treasury to avoid being placed into receivership.***

The dividend provisions of the senior preferred stock purchase agreement, which were most recently amended in September 2019, permit us to retain up to \$25.0 billion as capital reserves, provided our conservator directs us to declare and pay senior preferred stock dividends in full in the future. If we do not declare and pay a dividend in the full amount provided for in the senior preferred stock for any future dividend period, the capital reserve amount will thereafter be zero. As a result, we may not have sufficient capital reserves to avoid a net worth deficit if we have comprehensive losses in the future.

We have experienced and expect to continue to experience volatility in our financial results from period to period due to a number of factors, particularly changes in market conditions that result in fluctuations in the estimated fair value of the financial instruments, such as derivatives and certain securities, that we “mark-to-market” through our earnings. Other factors that may result in volatility in our quarterly financial results include developments that affect our loss reserves, such as redesignation of loans from “held for investment” to “held for sale,” changes in interest rates, home prices or accounting standards, or events such as natural disasters or pandemics. Accordingly, the potential volatility in our financial results, which may be significant from quarter to quarter, could result in a net worth deficit in a future quarter. In addition, other factors such as legislative or regulatory actions could result in a net worth deficit in a future quarter.

For any quarter for which we have a net worth deficit, we would need to draw funds from Treasury under the senior preferred stock purchase agreement to avoid being placed into receivership. The maximum amount of remaining funding under the agreement was \$113.9 billion as of March 31, 2020. If we were to draw additional funds from Treasury under the agreement in respect of a future period, the amount of remaining funding under the agreement would be reduced by the amount of our draw. Dividend payments we make to Treasury do not restore or increase the amount of funding available to us under the agreement. Accordingly, if we experience multiple quarters of net worth deficits, the amount of remaining funding available under the senior preferred stock purchase agreement could be significantly reduced from its current level.

***As conservator, FHFA has certain rights to transfer our assets and liabilities, including our guaranty.***

For so long as we remain in the current conservatorship, FHFA, as conservator, has the right to transfer or sell any of our assets or liabilities, including our guaranty obligations, without any approval, assignment or consent from us or any other party. However, during the current conservatorship, FHFA has no authority to repudiate any contracts entered into after we were placed into conservatorship, including our guaranty of securities issued during the current conservatorship, including the certificates offered by this prospectus. The 2008 Reform Act does not restrict the rights of holders of certificates issued during the current conservatorship.

***If FHFA were to place us into receivership directly from the current conservatorship, or if we emerge from conservatorship and at a later date FHFA were to place us into a new conservatorship or into receivership, FHFA would have certain rights to transfer our assets and liabilities and to repudiate our existing contracts.***

If FHFA were to place us into receivership directly from the current conservatorship, or if we emerge from the current conservatorship and at a later date FHFA were to place us into a new conservatorship or into receivership, FHFA would have all of the authority of a new conservator or a receiver, which would allow it to exercise certain powers that could adversely affect certificateholders, as described below.

***Transfer of Guaranty Obligations.*** FHFA would have the right to transfer or sell any of our assets or liabilities, including our guaranty obligations, without any approval, assignment or consent from us or any other party. If FHFA, as conservator or receiver, were to transfer our guaranty obligations to another party, certificateholders would have to rely on that party for satisfaction of the guaranty obligations and would be exposed to the credit risk of that party each month.

***Repudiation of Contracts.*** Under the circumstances described in the next sentence, FHFA could repudiate any contract entered into by us before it was appointed as a new conservator or as receiver, including our guaranty obligations to the series trusts described in this prospectus. FHFA may repudiate a contract, including our guaranty, if it determines in its sole discretion that performance of the contract is burdensome and that repudiation of the contract promotes the orderly administration of Fannie Mae's affairs. The 2008 Reform Act requires that any exercise by FHFA of its right to repudiate any contract occur within a reasonable period following its appointment as a new conservator or receiver.

If FHFA, as a new conservator or as receiver, were to repudiate our guaranty obligations, the conservatorship or receivership estate would be liable for damages as of the date of the new conservatorship or the receivership under the 2008 Reform Act. However, any such liability could be satisfied only to the extent that our assets were available for that purpose. Thereafter, certificateholders would receive from the related series trust only the amounts paid on the series trust assets, which are generally limited to borrower payments and other recoveries on the related mortgage loans. As a result, delinquencies and defaults on the related mortgage loans or a loan servicer's failure to remit borrower payments to the series trust would adversely affect the amounts that certificateholders would receive each month. In addition, trust administration fees would be paid from mortgage loan payments before any distributions would be made to certificateholders. As a result, any damages paid as the result of the repudiation of our guaranty obligations may not be sufficient to offset any shortfalls experienced by certificateholders.

***Rights of Certificateholders.*** Holders of certificates issued before and during the current conservatorship, including the certificates offered by this prospectus, are granted certain rights under the trust documents (as defined under "**DESCRIPTION OF THE CERTIFICATES**"). If we are placed into a new conservatorship or into a receivership, however, these rights may not be enforceable against FHFA, or enforcement of those rights may be delayed. The trust documents provide that upon the occurrence of a guarantor event of default, which includes the appointment of a new conservator or a receiver, certificateholders have the right to replace Fannie Mae as trustee if the requisite percentage of certificateholders consents. Nevertheless, the 2008 Reform Act may prevent

certificateholders from enforcing their rights to replace Fannie Mae as trustee if the event of default arises solely because a new conservator or receiver has been appointed.

If we are placed into a new conservatorship or receivership and do not or cannot fulfill our guaranty obligations, certificateholders could become unsecured creditors of Fannie Mae with respect to claims made under our guaranty. Certificateholders have certain limited rights to proceed against Treasury if we fail to pay under our guaranty. However, the total amount that may be recovered from Treasury is subject to limits imposed in the senior preferred stock purchase agreement. See “**FANNIE MAE—Certificateholders’ Rights under the Senior Preferred Stock Purchase Agreement.**”

## **RISK RELATING TO LIMITED AVAILABILITY OF CERTAIN INFORMATION**

### ***Information concerning certain characteristics of the related mortgage loans may be limited.***

Information in the prospectus supplement or final data statement, if any, for a particular series of certificates will not contain information about certain characteristics of the related mortgage loans, even though under certain circumstances these characteristics could affect the prepayment experience of the mortgage loans and the yield on your certificates. For example, weighted average information will not disclose the range of coupons or remaining terms to maturity of individual mortgage loans. The remaining terms to maturity of mortgage loans in a pool may also vary widely. This difference would affect the scheduled amortization and could affect the prepayment rate of the related MBS and the yield on your certificates.

### ***Information concerning tax treatment of Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities.***

If a series trust holds Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities, we will rely on statements made in the applicable disclosure documents regarding the tax treatment of those securities in making a REMIC election with respect to that series trust. REMIC qualification requires compliance with initial and ongoing requirements. Accordingly, for any series trust that holds Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities, we will assume that the tax treatment of those securities will be correctly described in the related disclosure documents and that the tax treatment of those securities will be maintained at all times they are held by the series trust. We cannot provide assurance as to the accuracy or completeness of those disclosure documents. If the tax treatment of any Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities held by a series trust differs from that described in the related disclosure documents, the series trust for which we make a REMIC election may not qualify, or may cease to qualify, as a REMIC. The failure of a series trust to qualify, or continue to qualify, as a REMIC could have a materially adverse effect on the cash flows and market value of your certificates.

## **RISKS RELATING TO CONFLICTS OF INTEREST**

### ***We serve as the sponsor and guarantor of the certificates and as the trustee of each trust, creating a potential conflict of interest.***

We serve as sponsor, guarantor and trustee for the certificates that we issue. In our role as trustee, we agree to administer the trust fund and the certificates in accordance with the terms of the trust documents. In our role as the sponsor and guarantor, however, our interests may differ from those of the certificateholders. For example, the trust documents provide that the guarantor may at its option purchase series trust assets from a trust under specified circumstances. See “**THE TRUST DOCUMENTS—Purchase or Substitution of Series Trust Assets.**” Any such purchase or substitution will result in prepayments on the certificates. Under the trust documents, no independent third party has the authority to consent or withhold consent to any such repurchase decision.

## **RISKS RELATING TO OPERATIONAL FAILURE**

### ***A failure in our operational systems or infrastructure, or those of third parties, could materially adversely affect our business, cause financial losses or impair liquidity in the REMIC certificates.***

Shortcomings or failures in our internal processes, data management or systems could disrupt our business or have a material adverse effect on our risk management, liquidity, financial statement reliability, financial condition and results of operations. We also face the risk of operational failure, termination or capacity constraints of paying agents or other financial intermediaries we use to facilitate our transactions. In addition, we use CSS and the CSP to perform certain operational functions associated with issuing and managing certificates on our behalf, including data acceptance, issuance support, bond administration and the production of disclosures. The CSP is also used to enable commingling of Fannie Mae UMBS and Freddie Mac UMBS in resecuritization transactions. Accordingly, we are

reliant on CSS and the CSP for the operation of several of our securitization activities. These activities are complex and present significant operational and technological challenges and risks. Any measures we take to mitigate these challenges and risks might not be sufficient to prevent a disruption to our securitization activities related to our certificates generally, or to correct errors made by CSS, including, but not limited to, data, disclosure or bond administration and payment errors. Our business activities could be adversely affected and the market for the certificates could be disrupted if the CSP were to fail or otherwise become unavailable to us or if CSS were unable to perform its obligations to us. Any such failure, termination, constraint or other similar event could have a significant adverse impact on our business, liquidity, financial condition, net worth and results of operations. Any such failure could lead to a payment delay to certificateholders, and may adversely affect the liquidity or market value of the certificates. See “**RISK FACTORS**” in the Applicable Form 10-K and our most recent Form 10-Q.

#### **RISKS RELATING TO ALIGNMENT WITH FREDDIE MAC AND THE SINGLE SECURITY INITIATIVE**

*Adverse changes in Freddie Mac’s performance, or market perceptions related to Freddie Mac’s performance, could adversely affect the value of certificates backed, directly or indirectly, by Freddie Mac Securities.*

In the event Freddie Mac were to fail (for credit or operational reasons) on any payment date to make a payment on Freddie Mac Securities that we resecuritized, we would be obligated under our guaranty to make the entire payment on the related certificates on that payment date. Our paying agent’s operational infrastructure requires us to fund any such guaranty payments in advance to ensure that our certificates will be paid on that payment date. As a result, even if your certificates are not commingled with Freddie Mac Securities, payments on your certificates may depend on the timely payment by Freddie Mac (or our ability to fund any shortfalls attributable to Freddie Mac Securities in a timely manner). Our pricing does not currently reflect any incremental credit, liquidity or operational risk associated with our guaranty, and we could be dependent on Freddie Mac and on the senior preferred stock purchase agreements between Treasury and each of Fannie Mae and Freddie Mac to avoid a liquidity event or a default under our guaranty.

The Single Security Initiative created significant interdependence between the single-family mortgage securitization programs of Fannie Mae and Freddie Mac. Accordingly, it is possible that the market value of your certificates could be affected by events relating to Freddie Mac, even if those events do not directly relate to Fannie Mae or your certificates. For example, any actual or perceived adverse change in Freddie Mac’s financial performance or condition, mortgage credit quality, or systems and data reliability could adversely affect the market value of, or the ability to resecuritize, your certificates. Similarly, any disruption in Freddie Mac’s securitization activities or any adverse events affecting Freddie Mac’s significant mortgage sellers and servicers also could adversely affect the market value of, or the ability to resecuritize, your certificates. See “**RISK FACTORS—RISKS RELATING TO ALIGNMENT WITH FREDDIE MAC AND THE SINGLE SECURITY INITIATIVE**” in the MBS Prospectus and the Supers Prospectus.

*You will rely on Freddie Mac for certain disclosures related to your commingled certificates.*

Certain of the pool- and loan-level disclosures related to commingled certificates will be provided by Freddie Mac and generally will not be independently verified by us. Accordingly, we cannot provide assurance as to the accuracy or completeness of those disclosures. We anticipate that some of the related disclosures may be incorrect or incomplete. Moreover, any such incorrect or incomplete disclosures may result in inaccuracies in the disclosures for the related certificates. We assume no liability for any losses or damages resulting from inaccurate or incomplete disclosures provided by Freddie Mac. In addition, Freddie Mac could also experience systems failures or other events that could prevent it from producing pool- and loan-level disclosures in a timely manner. Any of these events could adversely affect the market value of your certificates.

*The Freddie Mac mortgage loans underlying your commingled certificates may perform differently than comparable Fannie Mae mortgage loans, which could adversely affect the value of your certificates.*

Some of the mortgage loans underlying commingled certificates were acquired by Freddie Mac. Freddie Mac and Fannie Mae have aligned certain of their mortgage servicing standards. However, the respective servicing standards are not identical, and Fannie Mae mortgage loans and Freddie Mac mortgage loans may have different cash flow rates and generally may perform differently. This may be the case particularly with respect to older mortgage loans, as they will not have benefited from more recent initiatives to align certain standards.

## FANNIE MAE

### General

Fannie Mae is a government-sponsored enterprise that was established by Congress in 1938 to support liquidity, stability and affordability in the secondary mortgage market, where existing mortgage-backed assets are purchased and sold. The Federal National Mortgage Association Charter Act does not permit us to originate loans or lend money directly to consumers in the primary mortgage market. Our most significant activities are securitizing mortgage loans originated by lenders into Fannie Mae mortgage-backed securities and purchasing mortgage loans and mortgage-backed securities for our mortgage portfolio. Fannie Mae has been securitizing mortgage loans since 1981. We serve as the trustee of all trusts for our mortgage-backed securities. See “**THE TRUST DOCUMENTS**” for further information about our role as trustee.

We obtain funds to purchase mortgage-backed assets for our mortgage portfolio by issuing a variety of debt securities in the domestic and international capital markets. We also make other investments that increase the supply of affordable housing.

As discussed below, we are currently in conservatorship.

### Regulation and Conservatorship

FHFA is an independent agency of the federal government with general supervisory and regulatory authority over Fannie Mae, Freddie Mac and the Federal Home Loan Banks. FHFA was established in July 2008, assuming the duties of our former safety and soundness regulator, the Office of Federal Housing Enterprise Oversight, and our former mission regulator, HUD. HUD remains our regulator with respect to fair lending matters.

On September 6, 2008, the Director of FHFA appointed FHFA as our conservator pursuant to its authority under the Federal Housing Enterprises Financial Safety and Soundness Act of 1992, as amended by the 2008 Reform Act. Upon its appointment, FHFA immediately succeeded to all of the rights, titles, powers and privileges of Fannie Mae and those of any stockholder, officer, or director of Fannie Mae with respect to us and our assets. The conservatorship is a statutory process designed to preserve and conserve our assets and property and put the company in a sound and solvent condition.

The conservatorship has no specified termination date, and there continues to be uncertainty regarding the future of our company, including how long we will continue to exist in our current form, the extent of our role in the market and what form we will have. In September 2019, Treasury released a proposal for administrative and legislative reforms to end the conservatorship of Fannie Mae and Freddie Mac, to effect recapitalizations of the two enterprises, to place additional limitations on their permitted activities, and to effect widespread reform of the U.S. mortgage finance system. The September 2019 Letter Agreement (defined below) increasing Fannie Mae's capital reserve amount represents a significant step toward implementing the reforms outlined in Treasury's proposal. The September 2019 Letter Agreement also provides that Fannie Mae and Treasury agree to negotiate and execute an additional amendment to the senior preferred stock purchase agreement to further enhance taxpayer protections by adopting covenants broadly consistent with recommendations for administrative reform contained in Treasury's proposal. In addition, the implementation of policy objectives asserted by the Director of FHFA could result in significant changes affecting Fannie Mae's conservatorship. For more information on the risks to our business relating to the conservatorship and uncertainties regarding the future of our company and business, see “**RISK FACTORS**” in our most recent Form 10-K and any subsequently filed Form 10-Q.

On September 7, 2008, we entered into a senior preferred stock purchase agreement with Treasury pursuant to which we issued to it one million shares of senior preferred stock and a warrant to purchase, for a nominal price, shares of common stock equal to 79.9% of the outstanding common stock of Fannie Mae. The senior preferred stock and the warrant were issued as an initial commitment fee for Treasury's commitment. As a result of the dividend provisions of the senior preferred stock and quarterly directives from our conservator, we are obligated to pay Treasury each quarter the amount, if any, by which our net worth as of the end of the immediately preceding fiscal quarter exceeds an applicable capital reserve amount. If Fannie Mae does not declare and pay a dividend in the full amount provided for in the senior preferred stock for any future dividend period, the capital reserve amount will thereafter be zero. On September 27, 2019, Treasury and Fannie Mae (through FHFA acting on Fannie Mae's behalf in its capacity as conservator) entered into a letter agreement (the “September 2019 Letter Agreement”) increasing the applicable capital reserve amount to \$25.0 billion, effective September 30, 2019. As a result of this change, no dividend amount was payable for the fourth quarter 2019 or the first quarter 2020. The senior preferred stock purchase agreement and



the warrant contain covenants that significantly restrict our operations and that are described in our most recent Form 10-K and any subsequently filed Form 10-Q.

In the event we have a comprehensive loss for any future quarter, we may also have a net worth deficit for that quarter. The potential volatility in our financial results, which may be significant from quarter to quarter, could result in a net worth deficit in a future quarter.

For any quarter for which we have a net worth deficit, we will be required to draw funds from Treasury under the senior preferred stock purchase agreement in order to avoid being placed into receivership. As of March 31, 2020, the maximum amount of remaining funding under the agreement was \$113.9 billion. If we were to draw additional funds from Treasury under the agreement in a future period, the amount of remaining funding under the agreement would be reduced by the amount of our draw. Dividend payments we make to Treasury do not restore or increase the amount of funding available to us under the agreement.

The senior preferred stock purchase agreement provides that Treasury's funding commitment will terminate under any of the following circumstances:

- the completion of our liquidation and fulfillment of Treasury's obligations under its funding commitment at that time;
- the payment in full of, or reasonable provision for, all of our liabilities (whether or not contingent, including mortgage guaranty obligations); or
- the funding by Treasury of the maximum amount that may be funded under the agreement.

In addition, Treasury may terminate its funding commitment and declare the senior preferred stock purchase agreement null and void if a court vacates, modifies, amends, conditions, enjoins, stays or otherwise affects the appointment of the conservator or otherwise curtails the conservator's powers. Treasury may not terminate its funding commitment under the agreement solely by reason of our being in conservatorship, receivership or other insolvency proceeding, or due to our financial condition or any adverse change in our financial condition.

The senior preferred stock purchase agreement provides that most provisions of the agreement may be waived or amended by mutual written agreement of the parties. No waiver or amendment of the agreement; however, may decrease Treasury's aggregate funding commitment or add conditions to Treasury's funding commitment if the waiver or amendment would adversely affect in any material respect the holders of our debt securities or Fannie Mae guaranteed mortgage pass-through certificates, including the certificates offered by this prospectus.

We continue to rely on support from Treasury to eliminate any net worth deficits that we may experience in the future, which would otherwise trigger our being placed into receivership. Based on consideration of all the relevant conditions and events affecting our operations, including our reliance on the U.S. government, we continue to operate as a going concern and in accordance with FHFA's provision of authority. We remain liable for all of our obligations, including our guaranty obligations, associated with the certificates and other mortgage-backed securities issued by us. The senior preferred stock purchase agreement is intended to enhance our ability to meet our obligations. Certificateholders have certain limited rights to bring proceedings against Treasury if we fail to pay under our guaranty. See "**—Certificateholders' Rights under the Senior Preferred Stock Purchase Agreement.**"

### **Possibility of Future Receivership**

FHFA must place us into receivership if the Director of FHFA makes a written determination that our assets are less than our obligations (a "net worth deficit") or if we have not been paying our debts as they become due, in either case, for a period of 60 days after the SEC filing deadline for any of our annual reports on Form 10-K or our quarterly reports on Form 10-Q, as applicable. Although Treasury committed to providing us with funds in accordance with the terms of the senior preferred stock purchase agreement, if we need funding from Treasury to avoid triggering FHFA's obligation, Treasury may not provide these funds to us within the required 60 days if it has exhausted its borrowing authority or if there is a government shutdown, or if the funding we need exceeds the amount available to us under the agreement. We also could be put into receivership at the discretion of the Director of FHFA at any time for other reasons, including if we are critically undercapitalized or if we are undercapitalized and have no reasonable prospect of becoming adequately capitalized. Further, the Treasury plan indicates that one potential approach to recapitalizing us would be to place us in receivership to facilitate a restructuring of our capital structure.

A receivership would terminate the conservatorship. The appointment of FHFA as our receiver would not only grant FHFA the powers that it currently has as our conservator but would also terminate all rights and claims that certificateholders may have against our assets or under our charter arising from their status as certificateholders, other than their right to payment, resolution or other satisfaction of their claims as permitted under the 2008 Reform Act. Unlike a conservatorship, the purpose of which is to conserve our assets and return us to a sound and solvent condition, the purpose of a receivership is to liquidate our assets and resolve claims against us.

### **Certificateholders' Rights under the Senior Preferred Stock Purchase Agreement**

Certificateholders are granted certain rights under the trust documents (as defined below) if a guarantor event of default occurs. See “**THE TRUST DOCUMENTS—Certificateholders' Rights Upon a Guarantor Event of Default.**” Moreover, under the senior preferred stock purchase agreement, certificateholders are given certain limited rights against Treasury if (i) we default on our guaranty obligations, (ii) Treasury fails to perform its obligations under its funding commitment, and (iii) we and/or the conservator are not diligently pursuing remedies in respect of that failure.

In that case, the holders of the affected certificates may seek judicial relief, which would include requiring Treasury to fund up to the least of:

- the amount necessary to cure the payment default;
- the amount of any net worth deficit; or
- the remaining amount of funds available from Treasury.

### **USE OF PROCEEDS**

We generally issue certificates in swap transactions in which the certificates are issued in exchange for the series trust assets that will directly back the certificates being issued. In some instances, we may issue certificates in exchange for series trust assets that we already own and that will back the certificates. In those transactions, we generally receive cash proceeds upon sale of the certificates to the related dealers. Unless otherwise stated in the related prospectus supplement, we apply the cash proceeds to the purchase of mortgage loans and for other general corporate purposes.

### **DESCRIPTION OF THE CERTIFICATES**

This prospectus relates to certificates issued on and after July 1, 2020, which are issued under our 2019 REMIC Master Trust Agreement, effective June 1, 2019 (as amended or replaced from time to time, the “trust agreement”). For information about certificates issued before July 1, 2020, see the Single-Family REMIC prospectus that was in effect at the time those certificates were issued. There is a specific issue supplement to the trust agreement for each series of certificates. We refer to the trust agreement and the related issue supplement for a series of certificates as the “trust documents.”

#### **General**

We will create a series trust for each series of certificates under the trust documents for that series. We will execute the applicable trust documents in our corporate capacity and as trustee. We will issue the guaranteed REMIC pass-through certificates for each series pursuant to the related trust documents.

The certificates represent undivided beneficial ownership interests in a distinct pool of assets held in a series trust created under the trust documents (as further described below). We will hold the series trust assets, in our capacity as trustee under the trust documents, for the benefit of all the holders of certificates of the same series. The certificates represent the entire beneficial ownership of the series trust created by the trust documents.

Each series of certificates will consist of two or more classes of guaranteed certificates. This prospectus contains a general description of the rights of the classes of certificates of each series. The prospectus supplement for each series of certificates will provide a more detailed description and disclose the particular terms that apply to that series.

We summarize below certain features that are common to the classes of certificates of each series, unless the prospectus supplement provides otherwise.



## **Settlement**

Settlement is expected to occur on the business day determined by Fannie Mae in the month in which the certificates are issued and, unless otherwise stated, not later than the last business day of the month in which the certificates are issued.

## **Issuance in Book-Entry Form**

We will issue the certificates of each class that represent “regular interests” in a REMIC in book-entry form using either the book-entry system of the U.S. Federal Reserve Banks (each, a “Federal Reserve Bank”) or the book-entry system of DTC, unless we specify a different method in the related prospectus supplement. Each class of certificates will be assigned a CUSIP number and will trade separately under that number. Book-entry certificates are freely transferable on the records of any Federal Reserve Bank or DTC, as applicable, but are not convertible to physical certificates. Any transfers are subject to the minimum denomination requirements described under “—**Denominations.**”

### ***Federal Reserve Banks***

With respect to certificates registered on the book-entry system of the Federal Reserve Banks, a certificateholder is an entity that appears in the records of a Federal Reserve Bank as the owner of the certificate. Only entities that are eligible to maintain book-entry accounts with a Federal Reserve Bank may be certificateholders. These entities are not necessarily the beneficial owners of the certificates. If a certificateholder is not also the beneficial owner of a book-entry certificate, the certificateholder and all other financial intermediaries in the chain between the certificateholder and the beneficial owner are responsible for establishing and maintaining accounts for their customers. A “beneficial owner” or an “investor” is anyone who acquires a beneficial ownership interest in the certificates. As an investor, you will not receive a physical certificate. Instead, your interest will be recorded on the records of the brokerage firm, bank, thrift institution or other financial intermediary that maintains an account for you.

The FRBNY currently serves as our fiscal agent, pursuant to a fiscal agency agreement, for certificates registered on the book-entry system of the Federal Reserve Banks. In that capacity, it performs certain administrative functions for us with respect to certificateholders. Neither we nor any Federal Reserve Bank will have any direct obligation to the beneficial owner of a book-entry certificate who is not also a certificateholder. We and any Federal Reserve Bank may treat the certificateholder as the absolute owner of the certificate for all purposes, regardless of any contrary notice you may provide.

The FRBNY also currently serves as our paying agent for certificates registered on the book-entry system of the Federal Reserve Banks. In that capacity, it credits the account of the certificateholder when we make a distribution on the certificates. Each certificateholder and any financial intermediaries are responsible for remitting distributions to the beneficial owners of the certificates.

### ***DTC***

DTC is a limited-purpose trust company organized under the laws of the State of New York and is a member of the U.S. Federal Reserve System, a “clearing corporation” within the meaning of the New York Uniform Commercial Code and a “clearing agency” registered under section 17A of the Securities Exchange Act of 1934, as amended. DTC holds securities for DTC participants and facilitates the clearance and settlement of transactions between DTC participants through electronic book-entry changes to accounts of DTC participants.

Certificates registered on the book-entry system of DTC will be registered at all times in the name of the nominee of DTC. Thus, DTC is the certificateholder. Under its normal procedures, DTC will record the amount of certificates held by each firm that participates in the book-entry system of DTC, whether held for its own account or on behalf of another person.

A “beneficial owner” or an “investor” is anyone who acquires a beneficial ownership interest in the certificates. As an investor, you will not receive a physical certificate. Instead, your interest will be recorded on the records of the brokerage firm, bank, thrift institution or other financial intermediary that maintains an account for you. In turn, the record ownership of the financial intermediary that holds your certificates will be recorded by DTC. If the financial intermediary is not a DTC participant, the record ownership of the financial intermediary will be recorded by a DTC participant acting on its behalf. Therefore, you must rely on these various arrangements to transfer your beneficial ownership interest in the certificates only under the procedures of your financial intermediary and of DTC.

participants. In general, ownership of certificates registered with DTC will be subject to the prevailing rules, regulations and procedures governing DTC and DTC participants.

We will direct payments on the certificates to DTC in immediately available funds. In turn, DTC, which serves as our paying agent for certificates registered on its book-entry system, will credit the payments to the accounts of the appropriate DTC participants in accordance with DTC's procedures. These procedures currently provide for payments made in same-day funds to be settled through the New York Clearing House. DTC participants and financial intermediaries are responsible for directing the payments to the investors in certificates that they represent.

### **Issuance in Physical Certificate Form**

We will issue the certificates that represent "residual interests" in a REMIC in the form of physical certificates. U.S. Bank National Association currently serves as the paying agent for the Residual Certificates.

### **Denominations**

Interest only classes, principal only classes, inverse floating rate classes, non-sticky jump classes, sticky jump classes and toggle classes will be issued in minimum denominations of \$100,000, with additional increments of \$1. In addition, jump classes (other than non-sticky jump and sticky jump classes) will be issued in minimum denominations of \$1,000,000, with additional increments of \$1. Unless otherwise provided in the related prospectus supplement, all other certificates will be issued in minimum denominations of \$1,000, with additional increments of \$1.

Unless otherwise provided in the related prospectus supplement, we will issue each residual class as a single certificate with no principal balance.

### **Class Definitions and Abbreviations**

Classes of certificates fall into different categories. The chart found in **Exhibit A** to this prospectus identifies and generally defines the categories. The first column of the chart shows our abbreviation for each category. The cover page of each prospectus supplement will identify the categories of classes in the related series by using one or more of these abbreviations.

### **Distributions on Certificates**

Unless otherwise stated in the related prospectus supplement, we will make distributions to certificateholders on the 25th day of each month or, if the 25th day is not a business day, on the next business day. We refer to this date as a distribution date. We will make the first payment for each series of certificates on the distribution date in the month following the month in which the certificates are issued. For example, if an issue date is March 1, the first distribution date for that series is April 25 or, if April 25 is not a business day, the next business day. A business day is any day other than a Saturday or Sunday, a day when the fiscal agent or paying agent is closed, a day when the FRBNY is closed, or, with respect to any required withdrawal from a certificate account for remittance to a paying agent, a day when the Federal Reserve Bank is closed in a district where the related certificate account is maintained. We will pay the certificateholder that is listed as of the record date as the holder in the records of any Federal Reserve Bank or DTC, as applicable. Unless otherwise specified in the related prospectus supplement, the record date is the close of business on the last day of the month immediately before the month in which the distribution date occurs.

#### ***Interest Distributions***

If the certificates of a particular class are interest-bearing, they will accrue interest during the applicable interest accrual period at the applicable annual interest rate described in the related prospectus supplement. An interest accrual period can be one of two types:

- |                 |  |
|-----------------|--|
| Delay Class:    | The calendar month preceding the month in which the related distribution date occurs.  |
| No Delay Class: | The one-month period beginning on the 25th day of the month preceding the month in which the related distribution date occurs. |

The related prospectus supplement also will indicate the date on which the certificates of each interest-bearing class begin to accrue interest. For any interest-bearing class, interest accrues during each interest accrual period on the principal balance (or notional principal balance) of that class before giving effect to any payment of principal (or reduction in notional principal balance) of that class on the related distribution date. Interest will continue to accrue

during each applicable interest accrual period until we have paid the outstanding principal amount of the certificates of the class in full (or the notional principal balance of the certificates of the class has been reduced to zero). Except in the case of an Accrual Class, a Partial Accrual Class or other class as stated in the related prospectus supplement, interest that accrues during an interest accrual period will be paid to certificateholders on the related distribution date.

The prospectus supplement for certificates of an Accrual Class or a Partial Accrual Class will describe how and when the interest that accrues during an interest accrual period will be paid. Any accrued interest that is not to be paid on a distribution date will be added to the principal balance of each certificate of that class and, having been converted to principal, will itself begin to accrue interest. For example, if accrued and unpaid interest on an Accrual or Partial Accrual Class is converted to principal on March 25, interest will accrue during the interest accrual period related to the April 25 distribution date based on the March 25 principal balance of the respective class after giving effect to the conversion of interest to principal of that class and to the payment on March 25 of any principal of that class.

#### *Interest Accrual Basis*

Unless we specify otherwise in the related prospectus supplement, we will calculate the amount of interest due each month on the certificates on the assumption that each month consists of 30 days and each year consists of 360 days. If the prospectus supplement specifies that interest is calculated on the certificates on an actual/360 basis, the certificates will accrue interest on the basis of the actual number of days in each interest accrual period and a year assumed to consist of 360 days. If another method is used for calculating interest on the certificates, it will be specified and described in the related prospectus supplement.

#### *Indices for Floating Rate Classes and Inverse Floating Rate Classes*

Unless otherwise specified below or in the related prospectus supplement, the “index determination date” for a Floating Rate Class or an Inverse Floating Rate Class means the second business day before the first day of each interest accrual period (other than the initial interest accrual period) for that class.

**LIBOR.** If a class of certificates accrues interest based on LIBOR, we will calculate LIBOR at 11:00 a.m. (London time) on each index determination date using the ICE Method. Under the ICE Method, LIBOR is calculated on each index determination date based on the rate, expressed as a percentage per annum, designated by the Intercontinental Exchange Benchmark Administration for U.S. dollar deposits for a stated period (e.g., one-month, three-month, etc.).

For purposes of calculating LIBOR, unless otherwise stated in the related prospectus supplement, the term “business day” means a day on which banks are open for dealing in foreign currency and exchange in London and New York City. Our calculation of the rate of interest of each LIBOR-based class on each index determination date will be final and binding, absent manifest error.

No prediction can be made as to future levels of the LIBOR index or as to the timing of any changes in the index calculation or methodology, each of which will directly affect the yields of the certificates. On July 27, 2017, regulatory authorities in the United Kingdom announced their intention to stop persuading or compelling banks to submit LIBOR rates after 2021. In early 2018, ICE stated its intention to continue to administer and quote LIBOR after 2021, possibly employing an alternative methodology. Among the efforts to identify a set of alternative U.S. dollar reference rates are proposals by the ARRC, including recommended terms applicable to new issuances of LIBOR-based floating rate notes (the “ARRC Endorsed Terms”). We have adopted the ARRC Endorsed Terms for determining an alternative reference rate for our LIBOR-based securities, including LIBOR-indexed certificates. The ARRC Endorsed Terms as adopted by us are set forth on Exhibit B to this prospectus. If Fannie Mae determines that a Benchmark Transition Event and its related Benchmark Replacement Date have occurred prior to the Reference Time in respect of any determination of LIBOR on any date, the ARRC Endorsed Terms describe how a Benchmark Replacement will be determined and any such determination, decision or election will become effective without the consent of any other party. For a related discussion, see “**RISK FACTORS—RISKS RELATING TO YIELD AND PREPAYMENT—Uncertainty as to the determination of LIBOR and the potential phasing out of LIBOR after 2021 may adversely affect the value of certain certificates,**” “**—The Secured Overnight Financing Rate is a relatively new market index and as the related market continues to develop the performance of certificates indexed to SOFR may be different from the performance of certificates linked to indices that have historically been more widely used**” and “**—Changes to, or elimination of, SOFR could adversely affect investors in SOFR-indexed certificates.**”

Furthermore, subject to limited exceptions, FHFA has directed us to cease issuing LIBOR-indexed certificates after September 30, 2020. This cessation will not apply to RCR exchanges or resecuritizations of previously issued LIBOR-indexed certificates so long as such resecuritizations do not increase the total outstanding principal balance of LIBOR-indexed certificates.

**SOFR.** If a class of certificates accrues interest based on SOFR, we will calculate SOFR on each index determination date as described below. For purposes of calculating SOFR, unless otherwise stated in the related prospectus supplement, the term “business day” means any day except for a Saturday, a Sunday or a day on which SIFMA recommends that the fixed income departments of its members be closed for the entire day for purposes of trading in U.S. government securities. Our calculation of the rate of interest of each SOFR-based class on each index determination date will be final and binding, absent manifest error.

SOFR-indexed certificates will accrue interest based on compounded SOFR or term SOFR. We generally refer to a specific compounded SOFR by its tenor. For example, “30-day average Compounded SOFR” refers to the compounded average SOFR over a rolling 30-calendar day period as published on the FRBNY’s Website. Compounded SOFR for an index determination date will be the applicable compounded average of SOFR for the Corresponding Tenor published for such index determination date as such rate appears on the FRBNY’s Website at 3:00 p.m. (New York time); provided, that if such rate does not so appear, compounded SOFR for an index determination date will be the applicable compounded average of SOFR for the Corresponding Tenor as published in respect of the most recent business day for which such rate was published on the FRBNY’s Website.

If term SOFR becomes available in the future, subject to operational, administrative and technical feasibility as determined by us in our discretion, SOFR-indexed certificates accruing interest based on compounded SOFR will transition to accruing interest based on term SOFR. We may at our discretion make Benchmark Replacement Conforming Changes in connection with any such transition.

We have adopted the ARRC Endorsed Terms for determining an alternative reference rate for our SOFR-based securities, including SOFR-indexed certificates. The ARRC Endorsed Terms as adopted by us are set forth on **Exhibit B** to this prospectus; if Fannie Mae determines that a Benchmark Transition Event and its related Benchmark Replacement Date have occurred prior to the Reference Time in respect of any determination of SOFR on any date, the ARRC Endorsed Terms describe how a Benchmark Replacement will be determined and any such determination, decision or election will become effective without the consent of any other party. For a related discussion, see “**RISK FACTORS—RISKS RELATING TO YIELD AND PREPAYMENT—Uncertainty as to the determination of SOFR and its potential unavailability may adversely affect the value of certain certificates**” in this prospectus.

**Treasury Index.** If a class of certificates accrues interest based on a Treasury Index, we will determine the Treasury Index for Treasury securities of the maturity and for the dates specified in the related prospectus supplement. Generally, the “Treasury Index” for any period means the yield for the specified date (or the average of the yield for each business day in the specified period), expressed as a percentage, on U.S. Treasury securities adjusted to the “constant maturity” specified in the prospectus supplement (or, if the prospectus supplement does not specify a “constant maturity,” U.S. Treasury securities trading in the secondary market having the maturity specified in the prospectus supplement). In either case, this yield is made available by the Federal Reserve Board on a weekly basis. These indices are published by the Board of Governors of the Federal Reserve System in Federal Reserve Statistical Release: Selected Interest Rates No. H.15(519).

Yields on U.S. Treasury securities at “constant maturity” are derived from the U.S. Treasury’s daily yield curve. This curve relates to the yield on a security to its time of maturity and is based on the closing market bid yields on actively traded Treasury securities in the over-the-counter market. These market yields are calculated from composites of quotations reported by five leading U.S. Government securities dealers to the FRBNY. This method provides a yield for a given maturity even if no security with that exact maturity is outstanding. Our calculation of each Treasury Index-based interest rate on each index determination date will be final and binding, absent manifest error.

**Prime Rate.** If a class of certificates accrues interest based on the Prime Rate, we will determine the Prime Rate on each index determination date. Unless the prospectus supplement for a series specifies otherwise, “Prime Rate” means the Prime Rate as published in the “Money Rates” section of *The Wall Street Journal* on the related index determination date. If *The Wall Street Journal* is not then published, we will choose another newspaper of general circulation. If a prime rate range is given, we will use the average of the range. Our calculation of each Prime Rate-based interest rate on each index determination date will be final and binding, absent manifest error.

**SIFMA Muni Swaps Index.** If a class of certificates accrues interest based on the SIFMA Muni Swaps Index, we will be responsible for determining the interest rate using the most recently published SIFMA Muni Swaps Index value on each index determination date. The “SIFMA Muni Swaps Index” means the Securities Industry and Financial Markets Association Municipal Swaps Index, a seven-day high-grade market index comprised of tax-exempt variable-rate demand obligations produced by Municipal Markets Data, a Thomson Financial Services Company. Our calculation of each SIFMA Muni Swaps Index-based interest rate on each index determination date will be final and binding, absent manifest error.

### ***Principal Distributions***

On each distribution date for a particular series of certificates, we will pay the holders of each class with a principal balance the amount of principal specified in the related prospectus supplement. We will pay the holders of each class the outstanding principal balance of that class in full no later than the final distribution date for that class.

The prospectus supplement for each series will specify how we determine the aggregate distribution amount for each distribution date. We will make principal payments on each class of certificates of a series entitled to principal (other than Retail Certificates) on a *pro rata* basis among all the certificates of that class, unless the related prospectus supplement provides otherwise. For a description of principal payments on Retail Certificates, see “—**Special Characteristics of the Retail Certificates.**”

### **Combination and Recombination—RCR Certificates**

#### ***General***

If provided in the related prospectus supplement, all or a portion of specified certificates may be exchanged for a proportionate interest in related combinable and recombable certificates (“RCR Certificates”) in the combinations specified in the prospectus supplement. Moreover, all or a portion of the RCR Certificates may be exchanged for specified certificates in the same manner. This process may occur repeatedly.

Holders of RCR Certificates will be the beneficial owners of a proportionate interest in the series trust assets and will receive a proportionate share of the distributions on the related certificates.

The classes of specified certificates and RCR Certificates that are outstanding at any given time, and the outstanding principal balances (or notional principal balances) of these classes, will depend upon distributions of principal (or notional principal balance reductions) on the related classes and RCR Certificates, as well as any exchanges that occur. Specified certificates and RCR Certificates may be exchanged only in the proportions set forth in the related prospectus supplement. These proportions are based on the original principal amounts (or original notional principal amounts, if applicable) of the specified certificates and RCR Certificates.

Certain exchanges may result in an interim adjustment due to the different interest accrual periods (i.e., delay vs. no delay, no delay vs. delay) of the specified certificates being exchanged. The interim adjustment may result in Fannie Mae or the dealer submitting a claim for principal and interest payments.

#### ***Exchange Procedures***

A certificateholder wishing to exchange certificates must notify our Structured Transactions Group through one of our “REMIC Dealer Group” dealers (electronically or in writing) no later than two business days before the proposed exchange date. The exchange date can be any business day of the month, subject to our approval. The notice must include the original principal balances of both the certificates to be surrendered in exchange and the certificates to be received and the proposed exchange date. Cancellation of an exchange requires Fannie Mae’s consent.

A certificateholder may pay us an exchange fee in connection with each exchange. Certificateholders should contact the Structured Transactions Group at [structured\\_transactions@fanniemae.com](mailto:structured_transactions@fanniemae.com) or 800-2FANNIE (800-232-6643) for a determination of any exchange fee.

Because exchanges in any month are effective after the record date for the distribution date in that month, we will make distributions on a certificate or RCR Certificate surrendered in exchange on the distribution date in the month of the exchange. We will make the first distribution on a certificate or an RCR Certificate received in an exchange on the distribution date in the month following the exchange.

***Additional Considerations and Limitations***

The characteristics of RCR Certificates will reflect the characteristics of the certificates used to form those RCR Certificates. You should consider the following factors and limitations, which may limit your ability to effect exchanges of certificates and RCR Certificates:

- At the time of the proposed exchange, a certificateholder must own certificates of the related class or classes in the proportions and minimum denominations necessary to make the desired exchange.
- A certificateholder that does not own the certificates may be unable to obtain the necessary certificates or RCR Certificates.
- If the proposed exchange would result in a certificateholder holding a certificate or RCR Certificate of a class in an amount less than the applicable minimum denomination for that class, the certificateholder will be unable to effect the proposed exchange.
- The holder of certificates needed to make a desired exchange may refuse to sell them at a reasonable price (or any price).
- Certificates may have been purchased and placed into other financial structures and, thus, may be unavailable for exchange.
- Principal distributions (and reductions in notional principal balances) will decrease the amounts available for exchange over time.
- Only the combinations set forth in the related prospectus supplement are permitted.
- The aggregate principal amount (rounded to whole dollars) of the certificates received in an exchange will equal that of the certificates surrendered for exchange. For this purpose, the principal amount of any certificate with a notional principal balance is \$0.
- The aggregate interest amount (rounded to whole dollars) of the certificates received in an exchange will equal that of the certificates surrendered for exchange. The “aggregate interest amount” for any certificate equals its outstanding principal amount (or notional principal amount) multiplied by its interest rate. The aggregate interest amount for the certificates received and the certificates surrendered will be equal at all levels of any applicable index or other source upon which the interest rate is based.

***Special Considerations for Ratio-Stripping RCR Certificates***

A prospectus supplement may specify a type of combination in which a certificate or certificates may be exchanged for various combinations of “ratio-stripping” RCR Certificates. In such cases, and subject to the factors and limitations set forth in “—*Additional Considerations and Limitations*” above, numerous sub-combinations are possible.

The following illustrates a “ratio-stripping” combination involving a single class of certificates and multiple classes of RCR Certificates:

<u>REMIC Certificate</u>			<u>RCR Certificates</u>		
<u>Class</u>	<u>Original Balance</u>	<u>Interest Rate</u>	<u>RCR Classes</u>	<u>Original Balances</u>	<u>Interest Rate</u>
PA	\$35,000,000	3.00%	PB	\$35,000,000	1.00%
			PI	23,333,333(notional)	3.00
			PC	35,000,000	1.25
			PD	35,000,000	1.50

As an example, within this combination you could make any of the exchanges shown in the following illustrative table (with the classes of RCR Certificates included in one sub-combination being further exchangeable for the classes of RCR Certificates in any other sub-combination):

<u>REMIC Certificate</u>			<u>RCR Certificates</u>		
<u>Class</u>	<u>Original Balance</u>	<u>Interest Rate</u>	<u>RCR Classes</u>	<u>Original Balances</u>	<u>Interest Rate</u>
Subcombination 1					
PA	\$35,000,000	3.00%	PB	\$35,000,000	1.00%
			PI	23,333,333(notional)	3.00
Subcombination 2					
PA	35,000,000	3.00	PC	35,000,000	1.25
			PI	20,416,666(notional)	3.00
Subcombination 3					
PA	35,000,000	3.00	PD	35,000,000	1.50
			PI	17,500,000(notional)	3.00

### **Special Characteristics of the Retail Certificates**

From time to time we issue series of certificates that are designated for sale to retail investors (“Retail Class”). We will issue each Retail Class in an integral number of \$1,000 units (“Retail Class Units”). Unless otherwise provided in the related prospectus supplement, each Retail Class will be represented by a single certificate (“Retail Certificate”) maintained on the book-entry system of DTC.

#### ***Retail Interest Payments***

We will pay interest on the Retail Certificates on each distribution date in an amount equal to one month’s interest at the applicable annual interest rate set forth in the related prospectus supplement, accrued on their outstanding principal balances immediately before that distribution date. See “—**Distributions on Certificates—Interest Distributions.**”

#### ***Retail Principal Payments***

On each applicable distribution date, we will pay principal on a Retail Class (a “Retail Principal Payment”) in increments of \$1,000, based on the priorities and limitations described in this prospectus and the related prospectus supplement. Either a paying agent that we engage or DTC will determine the portion of the Retail Principal Payment to be paid to particular Retail Class Units held for the account of DTC participants. Financial intermediaries and DTC participants will, in turn, determine the portion of the Retail Principal Payment to be paid to particular Retail Class Units held for the account of each investor that they represent.

#### ***Rounding of Retail Principal Payments***

On each distribution date on which principal is to be paid on a class of Retail Certificates, the payment amount will be rounded to the nearest \$1,000 increment. When we first make a Retail Principal Payment to a class of Retail Certificates, we will round that payment upward to the nearest \$1,000 by withdrawing the necessary amount from the related Retail cash deposit (a non-interest bearing cash deposit of \$999.99 for each Retail Class). After the initial Retail Principal Payment, we will apply the amount available as principal of the class as follows: first, to replenish the related Retail cash deposit and, second, as a Retail Principal Payment (rounded to the nearest \$1,000).

We will repeat this procedure on each distribution date until the principal balance of the class of Retail Certificates is reduced to zero. On any distribution date, a Retail Principal Payment may be slightly more or less than it would be in the absence of rounding, but any such difference will never exceed \$999.99. The total amount of all Retail Principal Payments made through any distribution date will never be less than it would have been in the absence of rounding.

#### ***Retail Principal Payment Requests***

If you are an investor in Retail Certificates, you may request that principal of your Retail Class unit or units be paid to you in increments of \$1,000 on the earliest possible distribution date (each, a “Retail Principal Payment Request”). You must submit a Retail Principal Payment Request to the financial intermediary that maintains the

account reflecting your ownership interest in the Retail Class. If the financial intermediary is not a DTC participant, it must notify the related DTC participant of the request. The DTC participant must then make the request to DTC in writing, as required by DTC.

DTC will establish procedures for determining the order in which it receives requests. When DTC receives a request, it will note the date and time the request was received and forward it to the paying agent. The paying agent will not be liable for any delay in delivery to it of Retail Principal Payment Requests or for the withdrawal of requests.

The paying agent will maintain a list of DTC participants representing investors that have submitted Retail Principal Payment Requests. The list will include the order of receipt and the amounts of such requests. The paying agent will notify DTC and the applicable DTC participants as to which requests to honor on each distribution date. DTC will honor Retail Principal Payment Requests according to the procedures, and subject to the priorities and limitations, described below. Either the paying agent or DTC will establish the procedures for determining such priorities and limitations. The decisions of the paying agent and DTC concerning such matters will be final and binding on all affected persons.

***Priority for Fulfilling Retail Principal Payment Requests.*** DTC can honor a Retail Principal Payment Request on any distribution date only if it receives the request and forwards it to the paying agent by the record date. Priority will be given to investors on whose behalf Retail Principal Payment Requests have been duly received and not withdrawn. DTC will honor requests in the following order of priority:

- (i) DTC will honor requests on behalf of Deceased Owners (as defined below) in the order it receives them, until it has honored each such request in an initial amount up to \$100,000 of original principal balance per Deceased Owner; and
- (ii) DTC will honor requests on behalf of Living Owners (as defined below) in the order it receives them, until it has honored each such request in an initial amount up to \$10,000 of original principal balance per Living Owner.

After that, DTC will honor requests on behalf of:

- (x) Deceased Owners, as provided in clause (i), up to an additional \$100,000 of original principal balance; and
- (y) Living Owners as provided in clause (ii), up to an additional \$10,000 of original principal balance.

DTC will repeat this sequence of priorities until it has honored all Retail Principal Payment Requests.

If a Retail Principal Payment Request is submitted on behalf of a Living Owner who becomes a Deceased Owner, that request takes on the priority of a newly submitted request on behalf of a Deceased Owner. DTC must receive appropriate evidence of death and any required tax waivers and forward these items to the paying agent on or before the related record date.

On any distribution date, if the Retail Principal Payment Requests for a class of Retail Certificates exceed the aggregate amount of principal available for payment, those requests will automatically be honored on later distribution dates, without the investor making any additional Retail Principal Payment Requests, all in accordance with the procedures of the paying agent.

***Types of Beneficial Owners.*** A “Deceased Owner” is a beneficial owner of Retail Certificates who was living when that interest was acquired and whose authorized representative provides DTC with evidence of death satisfactory to the paying agent and any tax waivers requested by the paying agent. A “Living Owner” is any beneficial owner of Retail Certificates other than a Deceased Owner.

- Retail Certificates beneficially owned by tenants by the entirety, joint tenants or tenants in common (each, a “Tenant”) are considered beneficially owned by a single owner. The death of an individual Tenant will be considered the death of the beneficial owner. In the event of such a death, the Retail Certificates beneficially owned by the Tenants will be eligible for the priority in principal payment described above.
- Retail Certificates beneficially owned by a trust will be considered beneficially owned by each beneficiary of the trust. However, a trust’s beneficiaries as a group will not be considered to own more than the principal amount of Retail Certificates owned by the related trust.



- The death of a beneficiary of a trust will be considered the death of a beneficial owner of a share of the related Retail Certificates that corresponds to that beneficiary's interest in the trust.
- The death of a Tenant in a tenancy that is the beneficiary of a trust will be considered the death of the beneficiary of the trust.
- The death of a person who had been entitled to substantially all of the beneficial ownership interests in any Retail Certificates will be considered the death of the beneficial owner of those Retail Certificates, regardless of the owner identified in the relevant records, if that beneficial interest can be established to the paying agent's satisfaction.

Beneficial interests are considered to exist in the case of street name or nominee ownership, ownership by a trustee, ownership under the Uniform Gifts to Minors Act and community property or other joint ownership arrangements between spouses. Beneficial interests will include the power to sell, transfer or otherwise dispose of Retail Certificates and the right to receive the related proceeds, as well as interest and principal payments on the Retail Certificates.

***Excess Retail Principal Payment by Random Lot.*** On any distribution date, if a Retail Principal Payment for a class of Retail Certificates exceeds the amount evidenced by the Retail Principal Payment Requests received by the paying agent, the Retail Certificates in respect of which principal payments are to be made (in increments of \$1,000) will be determined under the random lot procedures of DTC and the established procedures of the DTC participants and financial intermediaries. Accordingly, a DTC participant or financial intermediary may choose to allot the excess portion of the Retail Principal Payment to the accounts of some investors (which could include that DTC participant or financial intermediary) without allotting such distributions to the accounts of other investors.

***Withdrawing a Retail Principal Payment Request***

To withdraw a Retail Principal Payment Request, you must notify the financial intermediary that maintains the account reflecting your interest in the class. If the financial intermediary is not a DTC participant, it must notify the related DTC participant, which will forward the withdrawal to the paying agent, on a form that DTC requires. DTC can honor the withdrawal of a request on any distribution date only if the DTC participant receives the withdrawal and forwards it to the paying agent by the record date. A Retail Principal Payment Request will be considered withdrawn upon the transfer of beneficial ownership of the related Retail Certificate, but only if the paying agent receives notification of the withdrawal on the proper form.

***Tax Information for Retail Certificates***

As required by federal law, we will provide to depository participants and financial intermediaries information regarding the calculation of taxable income attributable to the Retail Certificates. Financial intermediaries, in turn, will be obligated to supply such information to individuals and other beneficial owners who are not "exempt recipients." Beneficial owners should be aware, however, that such information need not be furnished before March 15 of any calendar year following a calendar year in which income accrues on a Retail Certificate. The Retail Certificates may be issued with "original issue discount" within the meaning of section 1273(a) of the Code or at a premium for federal income tax purposes. You should be aware that the beneficial owners of Retail Certificates must include in gross income original issue discount, if any, as it accrues under a method that generally results in recognition of some taxable income in advance of receipt of the cash attributable to such income. You also should be aware that beneficial owners of Retail Certificates should treat any premium, any original issue discount and any market discount with respect to such certificates in the same manner as beneficial owners of other "regular interests" in a REMIC. See "**MATERIAL FEDERAL INCOME TAX CONSEQUENCES—Taxation of Beneficial Owners of Regular Certificates**" in this prospectus. Because the Retail Certificates will not receive payments of principal on a *pro rata* basis, however, a payment in full of a Retail Certificate may be treated as a prepayment for purposes of the premium, original issue discount and market discount rules. Additional tax consequences affecting beneficial owners of the Retail Certificates are discussed under "**MATERIAL FEDERAL INCOME TAX CONSEQUENCES—Taxation of Beneficial Owners of Regular Certificates**" in this prospectus.

**Special Characteristics of the Residual Certificates**

***REMIC Tiers***

As noted above, we will elect to treat all or a portion of each series trust as at least one REMIC for federal income tax purposes. To accommodate the requirements of the REMIC provisions, we may elect to treat all or a

portion of a series trust as multiple REMICs for federal income tax purposes. The issue supplement to the trust agreement for each series of certificates will specify the number of REMIC elections that will be made for the series. With respect to each REMIC election, a certificate of the related series will represent the “residual interest” in the REMIC formed pursuant to that election (a “Residual Certificate”).

In the case of a series trust for which a single REMIC election will be made and except as provided in the related prospectus supplement, all of the assets of the series trust will be assets of the REMIC, the Residual Certificate in the REMIC will be designated as the R Class Certificate, and all the REMIC Certificates other than the R Class Certificate will be designated as "regular interests" in the REMIC.

In the case of a series trust for which two REMIC elections will be made, the Trust will include a "Lower Tier REMIC" and an "Upper Tier REMIC" as REMICs. Except as provided in the related prospectus supplement, all of the assets of the series trust will be assets of the Lower Tier REMIC, the Residual Certificate in the Lower Tier REMIC will be designated as the RL Class Certificate, and all the interests in the Lower Tier REMIC other than the RL Class Certificate will be designated as "regular interests" in the Lower Tier REMIC (the "Lower Tier Regular Interests"). Except as provided in the related prospectus supplement, the Lower Tier Regular Interests will be assets of the Upper Tier REMIC, the Residual Certificate in the Upper Tier REMIC will be designated as the R Class Certificate, and all the REMIC Certificates other than the RL and R Class Certificates will be designated as "regular interests" in the Upper Tier REMIC.

#### *Transfers of Residual Certificates*

We will issue each Residual Certificate in fully registered, certificated form. When we use the term “holder” or “certificateholder” in connection with a Residual Certificate, we mean the registered owner of the Residual Certificate. You may transfer and exchange Residual Certificates at the corporate trust office of our transfer agent. We will furnish more specific instructions regarding transfer and exchange of Residual Certificates in the prospectus supplement for the related series. If you transfer or exchange a Residual Certificate and the government imposes a tax or other charge, we may require that you reimburse us. We will make payments on the Residual Certificates of each series in the manner described in the related prospectus supplement.

We will not permit any transfer of a Residual Certificate to a “disqualified organization” or to anyone acting on behalf of a disqualified organization. The term “transfer” can include any transfer of record ownership or of beneficial ownership, whether as a result of a sale, gift, pledge, default or otherwise. The term “disqualified organization” includes the United States, any State or other political subdivision, any foreign government, any international organization, or any agency or instrumentality of any of them (other than certain taxable instrumentalities), any cooperative organization furnishing electric energy or providing telephone service to persons in rural areas, or any organization (other than a farmers’ cooperative) that is exempt from federal income tax, unless such organization is subject to a tax on unrelated business income.

In addition, we will not permit the transfer of a Residual Certificate to any person that is not a “U.S. Person” or a foreign person subject to United States income taxation on a net basis on income derived from that certificate without our written consent. The term “U.S. Person” means:

- a citizen or resident of the United States;
- a corporation, partnership or other entity treated as a corporation or partnership for United States federal income tax purposes organized in or under the laws of the United States, any State thereof or the District of Columbia (unless, in the case of a partnership, Treasury regulations provide otherwise);
- an estate, the income of which is subject to U.S. federal income tax regardless of the source of its income; or
- a trust if a court within the United States can exercise primary supervision over its administration and one or more U.S. Persons have the authority to control all substantial decisions of the trust.

Each person or entity to which a Residual Certificate is transferred will be required to execute an affidavit, acceptable to us, stating that:

- the transferee is a U.S. Person or a foreign person subject to United States income taxation on a net basis on income derived from that Residual Certificate;

- if the transferee is a partnership for U.S. federal income tax purposes, each person or entity that holds an interest (directly, or indirectly through a pass-through entity) in the partnership is a U.S. Person or a foreign person subject to United States income taxation on a net basis on income derived from that Residual Certificate;
- the transferee is not a disqualified organization;
- it is not acquiring the Residual Certificate for the account of a disqualified organization;
- it consents to any amendment of the related trust documents that we deem necessary (upon the advice of our counsel) to ensure that the Residual Certificate will not be owned directly or indirectly by a disqualified organization;
- it is not acquiring the Residual Certificate to avoid or impede the assessment or collection of tax;
- it understands that it may incur tax liabilities in excess of any cash that it will receive on the Residual Certificate;
- it intends to pay taxes on the Residual Certificate as they become due;
- it will not cause income from the Residual Certificate to be attributed to a foreign permanent establishment or fixed base of the transferee or another taxpayer; and
- it will not transfer the Residual Certificate unless it has received from the new transferee an affidavit containing these same representations and it does not have actual knowledge that this other affidavit is false.

See “**MATERIAL FEDERAL INCOME TAX CONSEQUENCES—Taxation of Beneficial Owners of Residual Certificates—Sales and Other Dispositions of Residual Certificates—Residual Certificates Transferred to or Held by Disqualified Organizations**” in this prospectus. The transferee also must deliver a properly executed Internal Revenue Service Form W-9 (or, if applicable, a Form W-8ECI) in which the transferee provides its taxpayer identification number. In addition, if a pass-through entity (including a nominee) holds a Residual Certificate, it may be subject to additional taxes if a disqualified organization is a record holder in the entity.

Under regulations issued by Treasury, the transfer of a “noneconomic residual interest” will be disregarded for all federal tax purposes if a significant purpose of the transfer is to impede the assessment or collection of tax. A Residual Certificate generally will be a noneconomic residual interest unless, at the time of the transfer, two conditions are met. First, the present value of the expected future payments on the Residual Certificate is no less than the product of the present value of the “anticipated excess inclusions” on that certificate and the highest corporate rate of tax for the year in which the transfer occurs. Second, the transferor reasonably expects that the transferee will receive payments from the applicable series trust in an amount sufficient to satisfy the liability for income tax on any “excess inclusions” at or after the time when the liability accrues. The term “anticipated excess inclusions” means excess inclusions that are anticipated to be allocated to each calendar quarter (or portion of a quarter) following the transfer of the Residual Certificate, determined as of the date the Residual Certificate is transferred and based on events that have occurred as of that date and on the prepayment assumptions. See “**MATERIAL FEDERAL INCOME TAX CONSEQUENCES—Taxation of Beneficial Owners of Regular Certificates—Treatment of Original Issue Discount**” and “**—Taxation of Beneficial Owners of Residual Certificates—Treatment of Excess Inclusions**” in this prospectus.

Under the regulations, the phrase “a significant purpose of the transfer to impede the assessment or collection of tax” means that the transferor of a Residual Certificate had “improper knowledge” at the time of the transfer. In other words, the transferor knew, or should have known, that the transferee would be unwilling or unable to pay taxes due on its share of the taxable income of the related REMIC. A transferor is presumed not to have improper knowledge if four conditions are met. First, the transferor conducts, at the time of the transfer, a reasonable investigation of the financial condition of the transferee and, based on the results, finds that the transferee has historically paid its debts as they come due and finds no significant evidence to indicate that the transferee will not continue to pay its debts as they come due in the future. Second, the transferee represents to the transferor that the transferee understands that it may incur tax liabilities in excess of any cash that it will receive on the Residual Certificate and that it intends to pay the taxes on the Residual Certificate as they become due. Third, the transferee represents that it will not cause income from the Residual Certificate to be attributable to a foreign permanent establishment or fixed base of the transferee or

another U.S. taxpayer. Fourth, the transfer satisfies either the “asset test” or the “formula test.” If you plan to transfer a Residual Certificate, you should consult your own tax advisor for further information.

A transfer satisfies the asset test if (i) the transferee’s gross assets exceed \$100 million and its net assets exceed \$10 million (in each case, at the time of the transfer and at the close of each of the transferee’s two fiscal years preceding the year of transfer), (ii) the transferee is an “eligible corporation” and it agrees in writing that any subsequent transfer of the Residual Certificate will be to an eligible corporation and will comply with the safe harbor and satisfy the asset test, and (iii) the facts and circumstances known to the transferor do not reasonably indicate that the taxes associated with the Residual Certificate will not be paid. A transfer satisfies the formula test if the present value of the anticipated tax liabilities associated with holding the Residual Certificate is less than or equal to the present value of the sum of (i) any consideration given to the transferee to acquire the Residual Certificate, (ii) expected future distributions on that Residual Certificate, and (iii) anticipated tax savings associated with holding that Residual Certificate as the related REMIC trust generates losses. The regulations contain additional details regarding their application and you should consult your own tax advisor regarding the application of the regulations to an actual transfer of a Residual Certificate.

## **Reports to Certificateholders**

### *Class Factor*

Unless otherwise provided in the related prospectus supplement, we will publish the “class factor” for each outstanding class of certificates backed by Fannie Mae Securities on or about the fourth business day of each month. We will publish the class factor for each class of certificates backed by Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities on or before each monthly distribution date. The class factors are made available each month on PoolTalk and in various financial publications. We, or an agent that we engage for this purpose, will make all necessary numerical calculations.

If you multiply the class factor for a certificate (other than a Retail Certificate) by the original principal balance (or notional principal balance) of that certificate, you will obtain the current principal balance (or notional principal balance) of that certificate, after giving effect to the current month’s principal payment (or notional principal balance adjustment) and after adding the current month’s accrued interest to any Accrual Class or Partial Accrual Class.

In the case of Retail Certificates, if you multiply the class factor by the aggregate original principal balance of that Retail Class, you will obtain the current aggregate principal balance of the Retail Certificates of that class, after giving effect to the current month’s principal payment. As a result, the class factor for each Retail Class will reflect the reduction in aggregate principal balance of that class taken as a whole, and will not reflect the reduction in principal balance of the Retail Certificates of that class owned by any particular investor. For purposes of determining the class factor for each Retail Class, we will disregard any rounding of the principal payment on that class.

### *Tax Information*

We will post on our website, or otherwise make available, information required by the federal income tax laws. For Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities, we will make available tax information provided to us or made available to us by Freddie Mac, Ginnie Mae or a Third Party, as applicable and to the extent that we are required to do so by the federal income tax laws. See “**MATERIAL FEDERAL INCOME TAX CONSEQUENCES—Reporting and Other Administrative Matters.**”

## **YIELD, MATURITY AND PREPAYMENT CONSIDERATIONS**

### **Effective Yield**

Your yield will depend in part upon whether you purchase a certificate at a discount from or a premium over its outstanding principal. In general, if you purchase a certificate at a discount from its outstanding principal and the series trust assets are prepaid at a rate that is slower than you expect, the yield on your certificate will be lower than you expect. If you purchase a certificate at a premium over its outstanding principal, and the series trust assets are prepaid at a rate that is faster than you expect, the yield on your certificate also will be lower than you expect. **You must make your own decision about the prepayment assumptions you will use in deciding whether to purchase the certificates.**

Although interest on Delay Classes accrues during a calendar month, we do not distribute interest to certificateholders holding Delay Classes until the distribution date in the following calendar month. Because of this delay, the effective yield on the Delay Classes will be lower than it would be if we paid interest earlier.

### **Weighted Average Lives and Final Distribution Dates**

The “weighted average life” of a certificate refers to the average length of time, weighted by principal, that will elapse from the time we issue a certificate until we distribute to you the full amount of outstanding principal. The weighted average life of a certificate will depend upon the extent to which each payment on the series trust assets is applied to principal rather than interest. The weighted average life of a certificate is determined by:

- (a) multiplying the amount of the reduction, if any, of the principal balance of the certificate from each distribution date to the next distribution date by the number of years from the settlement date specified in the related prospectus supplement to the second such distribution date;
- (b) summing the results; and
- (c) dividing the sum by the aggregate amount of the reductions in principal balance of the certificate referred to in clause (a).

The actual weighted average life of a certificate will be affected by the rate at which principal payments are actually made on the series trust assets. Principal payments may include scheduled principal payments; voluntary principal prepayments; liquidations due to default, casualty and condemnation; guaranty payments by us or by other guarantors of the series trust assets; and repurchases that we or another party make under the circumstances discussed under “**THE TRUST DOCUMENTS—Purchase or Substitution of Series Trust Assets.**” Each of these types of principal payments, to the extent set forth in the related prospectus supplement, will be applied to payment of principal of specified classes of certificates of the related series.

For certificates backed by Fannie Mae Securities, more detailed information about principal payments on the series trust assets may be found under the heading “**YIELD, MATURITY AND PREPAYMENT CONSIDERATIONS**” in the MBS Prospectus, the Mega Prospectus, the Supers Prospectus, the SMBS Prospectus or the Underlying REMIC Prospectus, as applicable. For certificates backed by Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities, see also the discussion relating to yield, maturity and prepayment considerations in the applicable disclosure documents related to those securities as described above under “**DISCLOSURE DOCUMENTS FOR ISSUANCES OF CERTIFICATES—Prospectuses—Prospectuses for the Series Trust Assets.**”

Each prospectus supplement will include a table showing the projected weighted average life of each class of certificates of the related series. The table also will show for each class of certificates the percentage of the original principal amount that would be outstanding on specified distribution dates. In each case, this table will be based on certain assumptions, including various prepayment assumptions, that we will specify in the prospectus supplement.

The final distribution date for the certificates of a particular class is the date by which we must pay the holders the full outstanding principal balance of the certificates of that class. We determine the final distribution dates for the classes of a given series based on the payments that we expect to receive on the series trust assets.

For two reasons, it is likely that we will pay the full outstanding principal balance of each class of certificates earlier, and perhaps much earlier, than its final distribution date. First, the rate at which we pay principal on the certificates will be affected by the rate at which principal payments are made on the series trust assets. Second, some of the mortgage loans indirectly backing the certificates will have stated maturities that occur prior to the dates contained in the assumptions and have interest rates that are lower than the rates contained in the assumptions. We cannot assure that the outstanding principal balance of any class of certificates will be paid in full before its final distribution date.

For purposes of determining the weighted average life of a Notional certificate, references in this prospectus and the related prospectus supplement to distributions or payments of principal mean reductions of the notional principal balance. Similarly, for purposes of determining the final distribution date of a Notional certificate, references to payment of the full outstanding principal balance mean a reduction of the notional principal balance to zero.

## Prepayment Models

It is common to measure how mortgage loans prepay relative to a prepayment model. The prospectus supplement for each series of certificates will indicate which model it uses.

The prepayment speed assumptions model (“PSA”) developed by the Securities Industry and Financial Markets Association is commonly used for single-family mortgage loans. PSA represents an assumed rate at which a pool of new mortgage loans will prepay. When we refer to “100% PSA,” we mean an annual prepayment rate of 0.2% of the then-unpaid principal balance of the pool in the first month after the origination of those mortgage loans and an additional 0.2% each month until the 30th month. For example, the assumed annual prepayment rate would be 0.4% in month 2, 0.6% in month 3, and so on, and would level out at 6% at month 30 for the remaining term. Beginning in month 30 and for all later months, “100% PSA” means a constant annual prepayment rate of 6%.

Multiples of PSA are calculated in the same way. Thus, “150% PSA” means an annual prepayment rate of 0.3% in month 1, 0.6% in month 2, 0.9% in month 3 and 9% in month 30 and afterwards. Similarly, “200% PSA” means an annual prepayment rate of 0.4% in month 1, 0.8% in month 2, 1.2% in month 3 and 12% in month 30 and afterwards.

The constant prepayment rate model (“CPR”) is an alternative prepayment model that represents the annual rate of prepayments relative to the then-outstanding principal balance of a pool of new mortgage loans. Thus, “0% CPR” means no prepayments, “15% CPR” means an annual prepayment rate of 15% and so forth.

**These models cannot accurately predict the prepayment experience of the mortgage loans indirectly backing any series of certificates, nor do they describe the historical performance of any particular pool of mortgage loans.**

## THE SERIES TRUST ASSETS

Each certificate in a series trust will evidence a beneficial ownership interest in amounts on deposit in the related certificate account and in the related series trust assets, which will consist of one or more Fannie Mae Securities, Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities. The series trust assets will be directly or indirectly backed by pools of mortgage loans secured by single-family properties. This prospectus describes certain common features of certificates, the series trust assets and the mortgage loans directly or indirectly backing the series trust assets. Information concerning the series trust assets held in a particular series trust may be found in the prospectus supplement or offering circular supplement applicable to those series trust assets. Before investing in a series of certificates, investors should read all of the related disclosure documents.

### Fannie Mae Securities

#### *MBS (including Fannie Mae UMBS)*

The applicable MBS Prospectus describes the general characteristics of any MBS, including Fannie Mae UMBS, that back the certificates. We make the MBS Prospectus available to investors in the manner described for the availability of this prospectus under “**DISCLOSURE DOCUMENTS FOR ISSUANCES OF CERTIFICATES—Prospectuses—This Prospectus and the Prospectus Supplements.**” The general characteristics of the mortgage loans backing the MBS are also described in the MBS Prospectus. The prospectus supplement for each series trust that holds MBS will contain certain information about the related MBS and the mortgage loans backing the MBS.

#### *Mega Certificates*

The applicable Mega Prospectus describes the general characteristics of any Mega certificates that back the certificates. We make the Mega Prospectus available to investors in the manner described for the availability of this prospectus under “**DISCLOSURE DOCUMENTS FOR ISSUANCES OF CERTIFICATES—Prospectuses—This Prospectus and the Prospectus Supplements.**” The prospectus supplement for each series trust that holds Mega certificates will contain certain information about the related Mega certificates and the mortgage loans indirectly backing the Mega certificates.

#### *Supers Certificates*

The applicable Supers Prospectus describes the general characteristics of any Fannie Mae Supers certificates that back the certificates. We make the Supers Prospectus available to investors in the manner described for the availability of this prospectus under “**DISCLOSURE DOCUMENTS FOR ISSUANCES OF CERTIFICATES—**

**Prospectuses—*This Prospectus and the Prospectus Supplements.***” The prospectus supplement for each series trust that holds Fannie Mae Supers certificates will contain certain information about the related Supers certificates and the mortgage loans indirectly backing the Supers certificates.

### ***SMBS***

The applicable SMBS Prospectus describes the general characteristics of any SMBS that back the certificates. We make the SMBS Prospectus available to investors in the manner described for the availability of this prospectus under “**DISCLOSURE DOCUMENTS FOR ISSUANCES OF CERTIFICATES—Prospectuses—*This Prospectus and the Prospectus Supplements.***” The prospectus supplement for each series trust that holds SMBS will contain certain information about the related SMBS and the mortgage loans backing the SMBS.

### ***Fannie Mae Underlying REMIC Certificates***

The applicable REMIC Prospectus describes the general characteristics of the Fannie Mae Underlying REMIC certificates. The prospectus supplement for each series trust that holds Fannie Mae Underlying REMIC certificates will contain certain information about the related Fannie Mae Underlying REMIC certificates and the mortgage loans directly or indirectly backing the Fannie Mae Underlying REMIC certificates.

### ***Other Fannie Mae Securities***

The prospectus for other Fannie Mae Securities that may back a series trust will describe the general features of such securities. The prospectus supplement for each series trust that holds other Fannie Mae Securities will contain certain information about the related Fannie Mae Securities and the mortgage loans backing those Fannie Mae Securities.

### **Freddie Mac Securities**

The applicable Freddie Mac Disclosure Documents describe the general characteristics of any Freddie Mac Securities that back certificates, including information about Freddie Mac in its capacities as trustee, sponsor and guarantor. In addition, the prospectus supplement for each series trust that holds Freddie Mac Securities will contain certain information about the related Freddie Mac Securities and the mortgage loans indirectly backing the Freddie Mac Securities.

### **Ginnie Mae Securities**

The applicable Ginnie Mae Disclosure Documents describe the general characteristics of any Ginnie Mae Securities that back certificates. In addition, the prospectus supplement for each series trust that holds Ginnie Mae Securities will contain certain information about the related Ginnie Mae Securities and the mortgage loans indirectly backing the Ginnie Mae Securities.

### **Third Party Securities**

The applicable Third Party Disclosure Documents describe the general characteristics of any Third Party Securities that back certificates. In addition, the prospectus supplement for each series trust that holds Third Party Securities will contain certain information about the related Third Party Securities and the mortgage loans indirectly backing the Third Party Securities.

### **Final Data Statements**

Unless the applicable prospectus supplement provides otherwise, and except as noted below, we prepare a final data statement for each series trust backed by Fannie Mae Securities, Freddie Mac Securities or Ginnie Mae Securities. If we prepare a final data statement, it will be available on or about the settlement date of the series of certificates.

If the series trust assets include MBS, Mega certificates and certain SMBS, the final data statement will contain the pool number, the current weighted average coupon and the current weighted average maturity of the mortgage loans backing each of the MBS, Mega certificates or certain SMBS as of the issue date of the certificates. If the current weighted average coupon is not available, the final data statement will contain the most recently published weighted average coupon. If the current weighted average maturity is not available, the final data statement will contain a weighted average maturity that we have calculated by subtracting from the most recently published weighted average maturity the number of months that have elapsed between the month in which the weighted average maturity was most recently published and the month of the related issue date. The final data statement also will include the weighted averages of all the weighted average coupons and the weighted averages of all the weighted average remaining months

to maturities, based on the current unpaid principal balances of the mortgage loans backing each of the MBS, Mega certificates or SMBS as of the issue date of the certificates.

If the series trust assets include Ginnie Mae Securities, other than REMIC certificates issued by Ginnie Mae, the final data statement will contain information generally comparable to the information provided for MBS, Mega certificates and SMBS (to the extent available).

The final data statement for each series of certificates is available on PoolTalk. In addition, you may obtain the final data statement for a series of certificates in the manner described under “**DISCLOSURE DOCUMENTS FOR ISSUANCES OF CERTIFICATES—Prospectuses—This Prospectus and the Prospectus Supplements.**”

### **THE TRUST DOCUMENTS**

The certificates offered hereby are issued pursuant to the terms of the trust documents. We have summarized below certain provisions of the trust documents. This summary is not complete and may be modified by specific provisions described in the prospectus supplement for a particular series of certificates. If there is any conflict between the information in this prospectus and the specific provisions of the trust documents, the terms of the trust documents will govern. The trust documents are available on our website at [www.fanniemae.com](http://www.fanniemae.com). You may also obtain a copy of the trust documents from our Washington, DC office.

#### **Fannie Mae Guaranty**

We are the guarantor under the trust documents. We guarantee to each series trust that we will supplement amounts received by the series trust as required to permit timely payment of interest and principal, as applicable, on the certificates to the extent described in the related prospectus supplement. In addition, we guarantee to each series trust that we will supplement amounts received by the series trust as required to make the full and final payment of any unpaid principal balance of the certificates of each class no later than the final distribution date for that class. Our guaranty is effective whether or not sufficient funds have been remitted to us for the related series trust.

If we were unable to perform our guaranty obligations, holders of each class of certificates of a series would receive from the related series trust only the amounts paid on the related series trust assets. Those amounts generally would be limited to borrower payments and any other recoveries on those series trust assets, such as insurance, condemnation and foreclosure proceeds. As a result, delinquencies and defaults on the related mortgage loans would directly affect the amounts that certificateholders receive each month.

Our guaranty runs directly to each series trust and not directly to certificateholders. As a result, certificateholders have limited rights to bring proceedings directly against Fannie Mae to enforce our guaranty. See “**—Certificateholders’ Rights Upon a Guarantor Event of Default.**” Certificateholders also have limited rights to bring proceedings against Treasury if we fail to pay under our guaranty. The amount that may be recovered from Treasury is subject to limits imposed by the senior preferred stock purchase agreement. For a description of certificateholders’ rights to proceed against Treasury, see “**FANNIE MAE—Certificateholders’ Rights under the Senior Preferred Stock Purchase Agreement.**”

**We alone are responsible for making payments under our guaranty. The certificates and payments of principal and interest on the certificates are not guaranteed by the United States and do not constitute a debt or obligation of the United States or any of its agencies or instrumentalities other than Fannie Mae.**

#### **Transfer of Series Trust Assets to Series Trusts**

The trust documents for each series trust require that at the time of issuance of the certificates, the assets comprising the related series trust assets will be assigned to us as trustee. The trust documents will contain a security schedule that identifies the series trust assets in that series trust. The series trust assets will be registered in our name as trustee on the books of the FRBNY or other applicable book-entry system. As trustee, we will hold (directly or indirectly) the series trust assets for the benefit of the holders of the certificates of that series.



## Purchase or Substitution of Series Trust Assets

### *Purchase*

The trust documents provide that we may purchase series trust assets from the related series trust under the following circumstances:

- Each seller or transferor that sells or transfers to us series trust assets that are included in a series trust makes certain representations and warranties about itself and the series trust assets. If we discover a breach of a representation or warranty, we may, within 90 days after our discovery of the breach, purchase the affected series trust asset from the related series trust. However, we may not purchase from the related series trust any series trust asset that is a principal only security or interest only security.
- If we determine, or a court or a governmental agency authorized to oversee our mortgage business determines, that our acquisition of any series trust asset was not authorized or if a court or governmental agency requires the purchase of that series trust asset from a series trust, we will purchase the affected series trust asset from the related series trust as soon as practicable.

In each instance, the purchase price will be the principal balance of the affected series trust asset plus accrued interest. The principal balance will be passed through to the related certificateholders on the first distribution date after the date of the purchase.

For a discussion of how purchases of series trust assets may affect the performance of the certificates, see “**RISK FACTORS—RISKS RELATING TO YIELD AND PREPAYMENT—We may withdraw some or all of the series trust assets due to a breach of representations or warranties, accelerating the rate at which you receive your return of principal (or the rate at which the notional principal balance of your certificates is reduced)**” in this prospectus. For a discussion of how purchases from MBS trusts of mortgage loans backing the series trust assets may affect the performance of the certificates, see “**RISK FACTORS—RISKS RELATING TO YIELD AND PREPAYMENT—We may purchase or require a third party seller or other responsible person to purchase some or all of the mortgage loans from the pool due to a breach of seller representations and warranties, accelerating the rate of principal payment on the certificates**” in the MBS prospectus.

### *Substitution*

The trust documents also provide that, instead of purchasing series trust assets as to which a breach of a representation or warranty has occurred, we may remove the affected series trust assets from the related series trust and substitute one or more other series trust assets, provided that the following criteria are met:

- The substitute series trust assets have the agreed-upon characteristics for series trust assets to be included in the related series trust (subject to customarily permitted tolerances);
- The substitute series trust assets have an aggregate principal balance, as of the date of substitution, equal to the unpaid principal balance of the series trust assets being removed; and
- The substitution occurs within two years after the settlement date of the related series of certificates.

## Certificate Accounts

Our loan servicers remit borrower collections to us monthly for distribution to certificateholders. These funds are deposited into a certificate account at an eligible depository. Funds held in a certificate account are held by us as trustee in trust for the benefit of certificateholders pending distribution to certificateholders. Amounts in any certificate account are held separately from our general corporate funds but are commingled with funds for other Fannie Mae trusts and are not separated on a trust-by-trust basis. We may invest funds in any certificate account in specified eligible investments, including our own debt instruments. We currently invest substantially all funds in certificate accounts in our own debt instruments. If we were unable or unwilling to continue to do so, the timing of incremental intra-day distributions made on each distribution date could be affected. We are entitled to retain all earnings on funds on deposit in each certificate account as a trust administration fee. See “**—Certain Matters Regarding Our Duties as Trustee**” for a description of the trust administration fee. Loan servicers and certificateholders are not entitled to any earnings generated from funds in a certificate account and are not liable for any losses in a certificate account.

## Certain Matters Regarding Our Duties as Trustee

We serve as trustee under the trust documents and receive a fee for our services to each series trust, which is payable from the interest and other earnings on the related certificate accounts. Under the trust documents, the trustee may consult with and rely on the advice of counsel, accountants and other advisors. The trustee will not be responsible for errors in judgment or for anything it does or does not do in good faith if it so relies. This standard of care also applies to our directors, officers, employees and agents. We are not required, in our capacity as trustee, to risk our funds or incur any liability if we do not believe those funds are recoverable or if we do not believe adequate indemnity exists against a particular risk. This does not affect our obligations to each series trust as guarantor under the Fannie Mae guaranty.

The trustee is not personally liable with respect to any action taken, permitted or omitted to be taken by it in good faith with respect to a series trust in accordance with the direction of the holders of certificates representing at least 5% of the voting rights of any class of that series as to the time, method and place of conducting any proceeding for any remedy available to the trustee, or exercising any trust or power conferred upon the trustee, under the trust documents.

We are indemnified by each series trust for actions we take in our capacity as trustee in connection with the administration of that series trust. Officers, directors, employees and agents of the trustee are also indemnified by each series trust with respect to that series trust. Nevertheless, neither we nor they will be protected against any liability if it results from willful misfeasance, bad faith, gross negligence or willful disregard of our duties.

So long as no guarantor event of default has occurred and is continuing with respect to a series, the trustee is not required to investigate the facts or matters found in any document presented to it unless (i) either the guarantor or the holders of certificates representing at least 25% of the voting rights of any class of that series request it to do so, and (ii) if the trustee is not reasonably assured by the security afforded to it under the trust documents, the guarantor or such holders, as applicable, within a reasonable time have provided the trustee with reasonable indemnification for costs, expenses, or liabilities likely to be incurred by it in its investigation. In addition, the trust documents provide that the trustee may, but is not obligated to, undertake any legal action that it deems necessary or desirable in the interests of certificateholders. We may be reimbursed for the legal expenses and costs of the action from the assets of the related series trust.

We may resign from our duties as trustee under the trust documents with respect to a series trust upon providing 90 days' advance notice to the guarantor. Our resignation will not become effective until a successor has assumed our duties. We may be removed as trustee only if a "guarantor event of default" has occurred and is continuing with respect to a series trust. See "**—Guarantor Events of Default.**" In that case, at the direction of the holders of certificates of any class of that series representing at least 51% of the voting rights of that class, we will resign or may be removed as the trustee with respect to the related series trust, and, to the extent permitted by law, all of our rights and obligations as trustee with respect to that series trust will be terminated when we are notified in writing of such termination. Moreover, the holders of certificates of any class of that series representing at least 51% of the voting rights of that class may appoint a successor trustee to assume all of our duties as trustee. Even after our termination as trustee, we will continue to be liable for our obligations as trustee of that series trust that arose before the termination and will continue to be obligated under our guaranty.

### Removal of Successor Trustee

If Fannie Mae is no longer serving as the trustee and a successor trustee has been appointed, the trust documents provide that the successor trustee may be removed upon any of the following "trustee events of default":

- with respect to the related series trust, the successor trustee fails to deliver to the paying agent all required funds for distribution (to the extent the successor trustee has received the related funds), and the failure continues uncorrected for 15 days after written notice to the successor trustee of nonpayment and a demand that the failure be cured has been given to the successor trustee by either the guarantor (except when a guarantor event of default has occurred and is continuing) or the holders of certificates of any affected class of that series representing at least 5% of the voting rights of that class;
- with respect to the related series trust, the successor trustee fails to fulfill any of its other material obligations under the trust documents, and the failure continues uncorrected for 60 days after written notice to the successor trustee of the failure and a demand that the failure be cured has been given to the successor trustee by either the guarantor (except when a guarantor event of default has occurred and is

continuing) or the holders of certificates of any affected class of that series representing at least 25% of the voting rights of that class;

- the successor trustee ceases to be eligible to serve as the successor trustee under the terms of the trust documents and fails to resign;
- the successor trustee becomes substantially incapable of acting as trustee, or a court or the regulatory entity that has primary supervisory authority over the successor trustee determines, under applicable law and regulation, that the successor trustee is unable to remain as trustee; or
- the successor trustee becomes insolvent, a conservator or receiver is appointed (either voluntarily or involuntarily and, in the case of an involuntary appointment, the order appointing the conservator or receiver has been undischarged or unstayed for 60 days) or the successor trustee admits in writing that it is unable to pay its debts.

If any trustee event of default occurs with respect to a series trust and continues uncorrected, the guarantor (or, if a guarantor event of default has occurred and is continuing, the issuer) may, and if directed by holders of certificates of any class of that series representing at least 51% of the voting rights of that class, will, remove the successor trustee and appoint a new successor trustee. Notwithstanding the termination of the successor trustee, its liability under the trust documents related to the series trust arising before the termination will continue after the termination.

A successor trustee may also be removed without cause by the guarantor at any time (unless a guarantor event of default has occurred and is continuing) and, upon such removal, the guarantor may appoint another successor trustee within 90 days after the date that notice is given to the former successor trustee.

#### **Guarantor Events of Default**

Any of the following events will be considered a “guarantor event of default” under the trust documents for a series trust:

- we fail to make a guaranty payment required under the terms of the trust documents related to that series trust, and our failure continues uncorrected for 15 days after written notice of the failure and a demand that the failure be cured has been given to us and the trustee by the holders of certificates of any affected class of that series representing at least 5% of the voting rights of that class;
- we fail in any material way to fulfill any other obligations of the guarantor under the trust documents related to that series trust, and our failure continues uncorrected for 60 days after written notice of the failure and a demand that the failure be cured has been given to us and the trustee by the holders of certificates of any affected class of that series representing at least 25% of the voting rights of that class; or
- we become insolvent, a receiver or a new conservator or liquidator is appointed (either voluntarily or involuntarily and, in the case of an involuntary appointment, the order appointing the receiver or new conservator has been undischarged or unstayed for 60 days) or we admit in writing that we are unable to pay our debts.

#### **Certificateholders’ Rights Upon a Guarantor Event of Default**

Certificateholders generally have no right under the trust documents to institute any proceeding against us with respect to the trust documents. Certificateholders may institute such a proceeding only if a guarantor event of default has occurred and is continuing and

- the holders of certificates representing at least 25% of the voting rights of any class of that series have requested in writing that the trustee institute the proceeding in its own name as trustee; and
- the trustee has neglected or refused to institute any proceeding for 120 days.

The trustee will be under no obligation to take any action or to institute, conduct or defend any litigation under the trust documents at the request, order or direction of any certificateholder unless the certificateholders have offered to the trustee reasonable security or indemnity against the costs, expenses and liabilities that the trustee may incur.

## **Future Limitations on Certificateholders' Rights Under the Trust Documents**

Certificateholders' rights may be limited during a receivership or future conservatorship. If we are placed into receivership or if we emerge from the current conservatorship and are placed into conservatorship once again, certificateholders' rights to remove us as trustee or master servicer may be restricted. In addition, if we are placed into receivership or are again placed into conservatorship, FHFA will have the authority to repudiate or transfer our guaranty obligations as well as our other obligations under the trust documents for each series trust. If that occurred, certificateholders would have only the right to proceed against Treasury that is described in "**FANNIE MAE—Certificateholders' Rights under the Senior Preferred Stock Purchase Agreement.**" See also "**RISK FACTORS—RISKS RELATING TO CERTAIN CREDIT CONSIDERATIONS.**"

## **Voting Rights**

### *Voting Under the Trust Documents*

Unless otherwise provided in the trust documents and related prospectus supplement for a particular series of certificates, for purposes of voting, giving notice or consent or otherwise taking action under the trust documents, voting rights will be allocated as follows:

- 2% of all voting rights will be allocated among the holders of the Notional Classes in proportion to the then-outstanding notional principal balances of their respective certificates, and
- 98% of all voting rights will be allocated among the holders of all other classes in proportion to the then-outstanding certificate principal balances of their respective certificates.

Among the holders of certificates in each class, voting rights will be allocated in proportion to the percentage interests in such classes evidenced by the then-outstanding certificate principal balances (or notional principal balances) of their respective certificates.

Certificates that are beneficially held by a transferor or the affiliates or agents of a transferor may be voted by the transferor or the affiliates or agents of the transferor, as the case may be, without restriction.

Certificates that are beneficially held by us, as guarantor, will be disregarded and deemed not to be outstanding for purposes of determining whether a guarantor event of default has occurred and is continuing or whether to remove the master servicer or the trustee when a guarantor event of default has occurred and is continuing. In all other matters with respect to a series trust, certificates that are beneficially held by us, as guarantor, may be voted by us, as guarantor, to the same extent as certificates held by any other holder. Nevertheless, if we, as guarantor, beneficially own 100% of the certificates of a series trust, we may vote those certificates without restriction.

Certificates that are beneficially held by a successor trustee will be disregarded and deemed not to be outstanding for purposes of determining whether a trustee event of default has occurred and is continuing or whether to remove that successor trustee when a trustee event of default has occurred and is continuing. In all other matters with respect to a series trust, certificates that are beneficially owned by a successor trustee may be voted by that successor trustee to the same extent as certificates held by any other holder. In addition, if the successor trustee beneficially owns 100% of the certificates of a series trust, the successor trustee may vote those certificates without restriction.

### *Voting Under Trust Documents for Underlying Securities*

Unless otherwise provided in the trust documents and the related prospectus supplement for a series of certificates, the holders of a specified minimum percentage ownership in the underlying securities may consent to any matter requiring consent under the trust documents for the related underlying securities. The trust documents for a series trust, however, do not permit us, as trustee, to vote any underlying securities held in the series trust unless we have received consistent direction from holders of the affected classes of certificates of that series representing at least 51% of the aggregate voting rights of all the affected classes of certificates of that series. If the trustee receives the required direction, the trustee will vote the underlying securities in their entirety in accordance with the direction.

## **Amendment**

### ***No Consent Required***

We may amend the trust documents for a series of certificates without notifying or obtaining the consent of the related certificateholders to do any of the following:

- correct an error or correct, modify or supplement any provision in the trust documents that is inconsistent with any other provision of the trust documents or this prospectus or the related prospectus supplement;
- cure an ambiguity or supplement a provision of the trust documents, provided that the cure of an ambiguity or supplement of a provision is not otherwise inconsistent with the trust documents; or
- modify, eliminate or add to the provisions of the trust documents as necessary to maintain the qualification of a series trust, in whole or in part, as a REMIC.

An amendment to cure an ambiguity or supplement a provision of the trust documents or to modify, eliminate or add to the provisions of the trust documents to maintain the REMIC status of a series trust that would otherwise require the consent of 100% of the certificateholders as described below cannot be made without that consent.

### ***100% Consent Required***

We may amend the trust documents for a series of certificates to take any of the following actions only with the consent of 100% of the certificateholders of that series of certificates:

- reduce or delay required payments to certificateholders;
- terminate or modify our guaranty obligations;
- reduce the percentage of certificateholders required to consent to any waiver or amendment;
- take an action that affects the status of the series trust, in whole or in part, as a REMIC or otherwise has the effect of materially increasing taxes payable in respect of the series trust.

### ***51% Consent Required***

If the holders of certificates of each class of a series representing at least 51% of the voting rights of each such class give their consent, we may amend the trust documents for the related series trust or waive any provision of the trust documents for the related series trust for any reason other than the reasons set forth in “***—100% Consent Required.***”

## **Termination**

A series trust will terminate with respect to a series of certificates when the unpaid principal balance of the related series trust assets has been reduced to zero and all distributions have been passed through to the related certificateholders. In no event will any series trust continue beyond the last day of the 60th year following the issue date of that trust.

We do **not** have any clean up call option with respect to the series trust assets; that is, we cannot terminate any series trust solely because the unpaid principal balance of the series trust assets is reduced to a specified amount or is reduced to a specified percentage of the original unpaid principal balance of the series trust assets. Moreover, we do **not** have any clean up call to purchase the mortgage loans backing any series trust assets and then to retire the series trust assets. However, in some cases, another party may have such rights. In any such case, the prospectus supplement for the related series will describe the terms and conditions of those rights.

## **Merger**

The trust documents provide that if we merge or consolidate with another corporation, the successor corporation will be our successor under the trust documents and will assume all of our duties under the trust documents, including our guaranty.

## **Notices to Certificateholders**

The trust documents provide that we may communicate with certificateholders in two ways. We may provide written notice (which includes e-mail) to certificateholders or provide notice to certificateholders in any other public

manner we use to make our financial information available, including posting notices on our website at [www.fanniemae.com](http://www.fanniemae.com). We are providing our internet address solely for your information. Unless otherwise stated, information appearing on our website is not incorporated into this prospectus or into any prospectus supplement.

### **MATERIAL FEDERAL INCOME TAX CONSEQUENCES**

The certificates and payments on the certificates generally are subject to taxation. Therefore, you should consider the tax consequences of holding a certificate before you acquire one. The following discussion describes certain U.S. federal income tax consequences to beneficial owners of certificates. The discussion is general and does not purport to deal with all aspects of federal taxation that may be relevant to particular investors and is not written or intended to be used for the purpose of avoiding U.S. federal tax penalties. This discussion may not apply to your particular circumstances for various reasons including the following:

- This discussion reflects federal tax laws in effect as of the date of this prospectus. Changes to any of these laws after the date of this prospectus may affect the tax consequences discussed below and may apply retroactively.
- This discussion addresses only certificates acquired by beneficial owners at original issuance and held as “capital assets” (generally, property held for investment).
- This discussion does not address tax consequences to beneficial owners subject to special rules, such as dealers in securities, certain traders in securities, banks, tax-exempt organizations, life insurance companies, persons that hold certificates as part of a hedging transaction or as a position in a straddle or conversion transaction, persons for whom the income with respect to a certificate would constitute “business interest income” or persons whose functional currency is not the U.S. dollar.
- The discussion does not address tax consequences of the purchase, ownership or disposition of a certificate by a partnership. If a partnership holds a certificate, the tax treatment of a partner will generally depend upon the status of the partner and the activities of the partnership.
- This discussion may be supplemented by a discussion in any applicable prospectus supplement.
- This discussion does not address taxes imposed by any state, local or foreign taxing jurisdiction.

For these reasons, you should consult your own tax advisors regarding the federal income tax consequences of holding and disposing of certificates as well as any tax consequences arising under the laws of any state, local or foreign taxing jurisdiction.

For purposes of this discussion, the term “mortgage loan,” in the case of a participation interest, means the interest in the underlying mortgage loan represented by that participation interest; and in applying a federal income tax rule that depends on the origination date of a mortgage loan or the characteristics of a mortgage loan at its origination, the term “mortgage loan” means the underlying mortgage loan and not the participation interest.

The topics in this discussion are addressed in the order of the following captions:

- REMIC Election and Special Tax Attributes
- Taxation of Beneficial Owners of Regular Certificates
- Taxation of Beneficial Owners of Residual Certificates
- Taxation of Beneficial Owners of RCR Certificates
- Taxes on a REMIC
- Reporting and Other Administrative Matters
- Backup Withholding
- Foreign Investors

## REMIC Election and Special Tax Attributes

We will elect to treat all or a portion of the assets comprising the series trust as at least one “real estate mortgage investment conduit” (“REMIC”) under the Code. To accommodate the requirements of the REMIC provisions, we may elect to treat all or a portion of a series trust as multiple REMICs for federal income tax purposes. The issue supplement to the trust agreement for each series of certificates will specify the number of REMIC elections that will be made for the series. See the discussion under “**DESCRIPTION OF THE CERTIFICATES—Special Characteristics of the Residual Certificates—REMIC Tiers**” above for a description of the assets of and designation of interests in each REMIC.

Qualification as a REMIC requires ongoing compliance with certain conditions. With respect to each series of certificates, our special tax counsel will deliver its opinion that (unless otherwise limited in the applicable prospectus supplement), assuming compliance with the related trust documents, the applicable portion of the series trust will be treated as one or more REMICs for federal income tax purposes. The certificates of each class will be designated as “regular interests” (the “Regular Certificates”) in a REMIC formed pursuant to the related series trust, except that a separate class will be designated as the “residual interest” (the “Residual Certificates”) in the REMIC. The prospectus supplement for each series of certificates will state whether certificates of each class will constitute Regular Certificates or Residual Certificates.

If a series trust holds Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities, we will rely on statements made in the applicable disclosure documents regarding the tax treatment of those securities in making a REMIC election with respect to that series trust. REMIC qualification requires compliance with initial and ongoing requirements. Accordingly, for any series trust that holds Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities, we will assume that the tax treatment of those securities will be correctly described in the related disclosure documents and that the tax treatment of those securities will be maintained at all times they are held by the series trust. As noted above, we cannot provide assurance as to the accuracy or completeness of those disclosure documents. If the tax treatment of any Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities held by a series trust differs from that described in the related disclosure documents, the series trust for which we make a REMIC election may not qualify, or may cease to qualify, as a REMIC, in which case the certificates would not have the tax characteristics discussed below. The remainder of this discussion assumes that the tax treatment of any Freddie Mac Securities, Ginnie Mae Securities or Third Party Securities held by a series trust will be correctly described in the related disclosure documents and that the tax treatment of those securities will be maintained at all times they are held by the series trust.

Regular and Residual Certificates will be “regular or residual interests in a REMIC” within the meaning of section 7701(a)(19)(C)(xi) of the Code and “real estate assets” within the meaning of section 856(c)(5)(B) of the Code if at all times 95% or more of the assets of the issuing entity qualify for the foregoing treatment. If at any time during a calendar year less than 95% of the assets of a REMIC would be qualifying assets under sections 7701(a)(19)(C)(xi) and 856(c)(5)(B) of the Code, then the portion of the Regular and Residual Certificates that are qualifying assets under those sections during the calendar year may be limited to the portion of the assets of the REMIC that would be so treated. Similarly, income on the Regular and Residual Certificates will be treated as “interest on obligations secured by mortgages on real property” within the meaning of section 856(c)(3)(B) of the Code, subject to the same limitation as set forth in the preceding sentence. For purposes of applying this limitation, a REMIC should be treated as owning the series trust assets. In general, a series trust asset will be a “qualified mortgage” if the mortgage loans backing the series trust asset are “principally secured by an interest in real property” within the meaning of section 860G(a)(3) of the Code. The assets of a REMIC will include, in addition to series trust assets representing mortgage loans, payments on series trust assets held pending distribution on the Regular and Residual Certificates and any reinvestment income thereon.

Regular and Residual Certificates held by a financial institution (as referred to in section 582(c)(2) of the Code) will be treated as evidences of indebtedness for purposes of section 582(c)(1) of the Code. Regular Certificates will also be “qualified mortgages” within the meaning of section 860G(a)(3) of the Code with respect to other REMICs.

In Revenue Procedure 2020-26, the IRS addressed certain issues relevant to REMICs and fixed investment trusts in light of forbearances (and related modifications) made in accordance with the CARES Act. Under the revenue procedure, these forbearances (and related modifications) (a) are not treated as resulting in a newly issued mortgage loan for purposes of Treasury Regulations Section 1.860G-2(b)(1), (b) are not prohibited transactions under section 860F(a)(2) of the Code, (c) do not result in a deemed reissuance of related REMIC regular interests, (d) will not be

treated as evidence that a REMIC had improper knowledge of an anticipated default that could prevent the REMIC from foreclosing in the event of a subsequent default and (e) will not be treated as violating the “power to vary the investment” prohibition for fixed investment trusts. We intend to rely on Revenue Procedure 2020-26 in the case of any series trust asset that is backed, directly or indirectly, by a pool containing a mortgage loan for which a forbearance (and any related modification) is made in accordance with the CARES Act.

### **Taxation of Beneficial Owners of Regular Certificates**

For federal income tax purposes, the Regular Certificates will be treated as debt instruments issued by a REMIC on the date the certificates are first sold to the public (the “Settlement Date”) and not as ownership interests in a REMIC or its assets. Interest, original issue discount and market discount with respect to a Regular Certificate will represent ordinary income to the beneficial owner of the certificate (a “Regular Owner”). A Regular Owner must report interest on a Regular Certificate using an accrual method of accounting, regardless of whether it otherwise reports income using a cash method of accounting. Rules regarding original issue discount and market discount are discussed below.

Notwithstanding the following, the law informally known as the Tax Cuts and Jobs Act (“TCJA”), which was enacted on December 22, 2017, generally requires a taxpayer that uses an accrual method of accounting for tax purposes to include certain amounts in income no later than the time such amounts are reflected on certain financial statements. Although the precise application of this rule is unclear, it might require the accrual of income earlier than is the case under the tax rules previously in effect. This rule is generally effective for tax years beginning after December 31, 2017, or for Regular Certificates issued with original issue discount, for tax years beginning after December 31, 2018. Although this rule generally applies to the Regular Certificates, the IRS has issued Notice 2018-80, stating its intention to exclude market discount from the application of this rule. Prospective investors in Regular Certificates are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situations.

#### ***Treatment of Original Issue Discount***

Certain Regular Certificates may be issued with “original issue discount” (“OID”) within the meaning of section 1273(a) of the Code. A Regular Owner must include in gross income the sum of the “daily portions” of OID on its Regular Certificate for each day during its taxable year on which it held the Regular Certificate, generally in advance of receipt of the cash attributable to that income. We will supply to certificateholders, brokers and middlemen information with respect to the OID accruing on the Regular Certificates. We will supply this information at the time and in the manner required by the Internal Revenue Service (the “IRS”).

#### ***Definition of Original Issue Discount***

In general, a Regular Certificate will be considered to be issued with OID equal to the excess, if any, of its “stated redemption price at maturity” over its “issue price.” The issue price of a Regular Certificate is the initial offering price to the public (excluding bond houses and brokers) at which a substantial amount of the Regular Certificates was sold. The issue price also includes any accrued interest attributable to the period before the Settlement Date. The stated redemption price at maturity of a Regular Certificate generally is its stated principal amount, plus an amount equal to the excess (if any) of the interest payable on the first distribution date over the interest that accrues for the period from the Settlement Date to the first distribution date. The stated redemption price at maturity of a Regular Certificate of a Notional Class or an Accrual Class, however, is equal to the sum of all distributions to be made under that Regular Certificate.

Notwithstanding the general definition, OID on a Regular Certificate will be treated as zero if the discount is less than 0.25% of the stated redemption price at maturity of the Regular Certificate multiplied by its weighted average life. The weighted average life of a Regular Certificate is apparently computed for this purpose as the sum, for all distributions included in the stated redemption price at maturity of the Regular Certificate, of the amounts determined by multiplying (i) the number of complete years (rounding down for partial years) from the Settlement Date until the date on which each such distribution is expected to be made under the assumption that the mortgage loans backing the related series trust assets prepay at the rate specified in the applicable prospectus supplement (the “Prepayment Assumption”) by (ii) a fraction, the numerator of which is the amount of such distribution and the denominator of which is the Regular Certificate’s stated redemption price at maturity. If OID is treated as zero under this rule, the actual amount of OID must be allocated to the principal distributions on the Regular Certificate and, when each principal distribution is received, gain equal to the discount allocated to that distribution will be recognized.



### ***Daily Portions of Original Issue Discount***

For Regular Certificates considered to be issued with OID, the daily portions of OID will be determined as follows. A calculation will first be made of the portion of OID that accrued during each “accrual period.” OID accruing during any accrual period will then be allocated ratably to each day during the period to determine the daily portion of OID.

Treasury regulations relating to the tax treatment of debt instruments with OID (the “OID Regulations”) provide that a holder of a debt instrument may use an accrual period of any length, up to one year, as long as each distribution of principal or interest occurs on either the final day or the first day of an accrual period. We intend to report OID based on accrual periods of one month. Each of these accrual periods will begin on a distribution date and end on the day before the next distribution date.

The portion of OID treated as accruing for any accrual period will equal the excess, if any, of:

- (i) the sum of (A) the present values of all the distributions remaining to be made on the Regular Certificate, if any, as of the end of the accrual period, and (B) the distribution made on the Regular Certificate during the accrual period of amounts included in the stated redemption price at maturity, over
- (ii) the adjusted issue price of the Regular Certificate at the beginning of the accrual period.

The present value of the remaining distributions will be calculated based on the following:

- the yield to maturity of the Regular Certificate, calculated as of the Settlement Date, giving effect to the Prepayment Assumption;
- events (including actual prepayments) that have occurred prior to the end of the accrual period;
- the Prepayment Assumption; and
- in the case of a Regular Certificate calling for a variable rate of interest, an assumption that the value of the index upon which the variable rate is based remains the same as its value on the Settlement Date over the entire life of the Regular Certificate.

The adjusted issue price of a Regular Certificate at any time will equal the issue price of the certificate, increased by the aggregate amount of previously accrued OID with respect to the Regular Certificate, and reduced by the amount of any distributions made on the Regular Certificate as of that time of amounts included in the stated redemption price at maturity.

The Code requires that the Prepayment Assumption be determined in the manner prescribed in Treasury regulations. To date, no such regulations have been promulgated. The legislative history of this Code provision indicates that the regulations will provide that the assumed prepayment rate must be the rate used by the parties in pricing the particular transaction. We anticipate that the Prepayment Assumption for each series of Regular Certificates will be consistent with this standard. We make no representation, however, that the mortgage loans indirectly backing the certificates for a given series will prepay at the rate reflected in the Prepayment Assumption for that series or at any other rate. You must make your own decision as to the appropriate prepayment assumption to be used in deciding whether or not to purchase any of the certificates.

The treatment of negative amounts of OID is not entirely clear. If OID accruing during any accrual period is negative for such period, the beneficial owner may be entitled to offset such amount only against future positive OID accruing from that Regular Certificate, and we intend to report income to the IRS in all cases in this manner. Although the law is unclear, a beneficial owner may be entitled to deduct a loss under section 166(a)(2) of the Code to the extent that its remaining basis would exceed the maximum amount of future payments to which it is entitled, assuming no further prepayments of the mortgages. While the issue is not clear, all or a portion of such loss may be treated as a capital loss if the beneficial owner treats the Regular Certificate as a capital asset. You should consult your tax advisors regarding a Regular Certificate that has a negative amount of OID during any accrual period.

### ***Subsequent Holders’ Treatment of Original Issue Discount***

If a Regular Certificate is issued with OID and a subsequent holder purchases the Regular Certificate at a cost of less than its remaining stated redemption price at maturity, that holder also will be required to include in income the daily portion of OID with respect to the Regular Certificate for each day it holds the Regular Certificate. If the cost of the Regular Certificate to the subsequent holder exceeds the adjusted issue price of the Regular Certificate,

however, the holder can reduce the daily accruals by an amount equal to the product of (i) the daily portion and (ii) a constant fraction. The numerator of the constant fraction is the excess of the purchase price over the adjusted issue price of the Regular Certificate, and the denominator is the sum of the daily portions of OID on the Regular Certificate for all days on or after the day of purchase.

#### ***Interest and Original Issue Discount on Floating Rate and Inverse Floating Rate Classes***

The OID Regulations define and provide special rules applicable to variable rate debt instruments (“VRDIs”). Most Floating Rate and Inverse Floating Rate Classes will be VRDIs under the OID Regulations. To be a VRDI, a Regular Certificate generally must satisfy three requirements. First, the issue price (including accrued interest) must not exceed the total noncontingent principal payments by more than (i) 1.5% of the product of the total noncontingent principal payments and the weighted average life, or (ii) 15% of the total noncontingent principal payments, whichever is smaller. Second, the Regular Certificate must bear interest at a “qualified floating rate” or an “objective rate,” or certain combinations of such rates and possibly a fixed rate. Third, under the terms of the Regular Certificate, the qualified floating rate or objective rate must be based on a current value of the applicable interest index. An interest index (such as LIBOR) and an interest index plus or minus a fixed rate generally are qualified floating rates. A floating or inverse floating rate equal to a positive or negative multiple of an interest index plus or minus a fixed rate is an objective rate and may be a qualified floating rate.

Under the OID Regulations, a debt instrument that provides for a variable rate of interest but does not meet all three requirements is a contingent payment debt instrument. The regulations governing contingent payment debt instruments, however, do not apply to Regular Certificates. Therefore, in the absence of further guidance and unless otherwise stated in the applicable prospectus supplement, we will compute accruals of interest and OID on all Floating Rate and Inverse Floating Rate Classes by applying the principles of the OID Regulations applicable to VRDIs.

#### ***Adoption of an Alternative Index***

As described under “**DESCRIPTION OF THE CERTIFICATES—Distributions on Certificates—Interest Distributions—Indices for Floating Rate Classes and Inverse Floating Rate Classes—LIBOR**,” we have generally adopted the ARRC Endorsed Terms for determining an alternative reference rate for our LIBOR-based securities.

On October 9, 2019, the U.S. Treasury issued proposed regulations (“Proposed Regulations”) addressing the anticipated phase-out of LIBOR. Under the Proposed Regulations, a REMIC regular interest would not fail to qualify as such solely because its LIBOR-based interest rate is replaced with a qualified rate as defined under the Proposed Regulations. Any replacement of LIBOR with respect to the Regular Certificates will be implemented in a manner that, based on advice from tax counsel, is expected to maintain the treatment of each Regular Certificate as a REMIC regular interest and the REMIC status of any REMIC formed with respect to the series trust. Under the Proposed Regulations, the replacement of LIBOR with a qualified rate would not itself result in a deemed exchange under section 1.1001-3 of the Treasury regulations. In addition, the Proposed Regulations provide that a variable rate debt instrument that provides for both a qualified floating rate referencing LIBOR and a methodology to change to a different rate in anticipation of LIBOR becoming unavailable or unreliable would be treated as having a single “qualified floating rate” for purposes of determining OID under section 1.1275-5 of the Treasury regulations. Finally, under the Proposed Regulations, the possibility that LIBOR will become unavailable or unreliable is treated as a “remote contingency” that will be disregarded for OID purposes and will not be treated as a “change in circumstances” that might otherwise require a variable rate debt instrument to be treated as retired and reissued for OID purposes. A taxpayer may generally rely on the Proposed Regulations provisions described above prior to the date the final Treasury regulations are published, provided that such taxpayer and its related parties apply such provisions consistently.

#### ***Regular Certificates Purchased at a Premium***

If a Regular Owner purchases a certificate for an amount (net of accrued interest) greater than its remaining stated redemption price at maturity, the Regular Owner generally will have premium with respect to the certificate (a “Premium Certificate”) in the amount of the excess. Such a purchaser need not include in income any remaining OID and may elect, under section 171(c)(2) of the Code, to treat the premium as “amortizable bond premium.”

If a Regular Owner makes this election, the amount of any interest payment that must be included in the Regular Owner’s income for each period ending on a distribution date will be reduced by the portion of the premium allocable to the period based on the Premium Certificate’s yield to maturity. In addition, the legislative history of the

Tax Reform Act of 1986 states that premium should be amortized under principles analogous to those governing the accrual of market discount (as discussed under “—*Regular Certificates Purchased with Market Discount*”). The election will also apply to all bonds (as well as all REMIC regular interests) the interest on which is not excludible from gross income (“fully taxable bonds”) held by the Regular Owner at the beginning of the first taxable year to which the election applies and to all fully taxable bonds thereafter acquired by it. A Regular Owner may revoke the election only with the consent of the IRS.

If the election is not made, (i) a Regular Owner must include the full amount of each interest payment in income as it accrues, and (ii) the premium must be allocated to the principal distributions on the Premium Certificate and, when each principal distribution is received, a loss equal to the premium allocated to the distribution will be recognized. Any tax benefit from the premium not previously recognized will be taken into account in computing gain or loss upon the sale or disposition of the Premium Certificate.

#### ***Regular Certificates Purchased with Market Discount***

A Regular Owner that purchases a Regular Certificate at a price that is less than the remaining stated redemption price at maturity of the Regular Certificate (or in the case of a Regular Certificate issued with OID, less than the adjusted issue price of the Regular Certificate) has market discount with respect to the Regular Certificate in the amount of the difference. In general, three consequences arise if a Regular Owner acquires a Regular Certificate with market discount. First, the Regular Owner must treat any principal payment with respect to a Regular Certificate acquired with market discount as ordinary income to the extent of the market discount that accrued while the Regular Owner held the Regular Certificate. Second, the Regular Owner must treat gain on the disposition or retirement of such a Regular Certificate as ordinary income under the circumstances discussed under “—*Sales and Other Dispositions of Regular Certificates.*” Third, a Regular Owner that incurs or continues indebtedness to acquire a Regular Certificate at market discount may be required to defer the deduction of all or a portion of the interest on the indebtedness until the corresponding amount of market discount is included in income. Alternatively, a Regular Owner may elect to include market discount in income on a current basis as it accrues, in which case the three consequences discussed above will not apply. If a Regular Owner makes this election, the Regular Owner must also apply the election to all debt instruments the Regular Owner acquires on or after the beginning of the first taxable year to which the election applies. A Regular Owner may revoke the election only with the consent of the IRS.

The legislative history to the Tax Reform Act of 1986 states that market discount on a Regular Certificate may be treated as accruing in proportion to remaining accruals of OID, if any, or, if none, in proportion to remaining distributions of interest on a Regular Certificate. A beneficial owner may instead elect to determine the accrual of market discount under a constant yield method. We will make available to Regular Owners information necessary to compute the accrual of market discount, in the manner and form as required by the IRS.

Notwithstanding the above rules, market discount on a Regular Certificate will be considered to be zero if the discount is less than 0.25% of the remaining stated redemption price at maturity of the Regular Certificate multiplied by its weighted average remaining life. Weighted average remaining life presumably would be calculated in a manner similar to weighted average life, taking into account payments (including prepayments) prior to the date of acquisition of the Regular Certificate by the subsequent purchaser. If market discount on a Regular Certificate is treated as zero under this rule, the actual amount of market discount must be allocated to the remaining principal distributions on the Regular Certificate and, when each principal distribution is received, gain equal to the discount allocated to that distribution will be recognized.

#### ***Special Election***

The OID Regulations permit a Regular Owner to elect to include in gross income all “interest” that accrues on the Regular Certificate by using a constant yield method. For purposes of the election, the term “interest” includes stated interest, acquisition discount, OID, *de minimis* OID, market discount, *de minimis* market discount and unstated interest, as adjusted by any amortizable bond premium or acquisition premium. You should consult your own tax advisor regarding the time and manner of making and the scope of the election and the implementation of the constant yield method.

#### ***Regular Certificates with Nominal Distributions of Principal***

Some Regular Certificates may provide for only nominal distributions of principal in comparison to distributions of interest. Under current law, it is unclear whether the rules generally applicable to debt instruments issued at a premium should apply to these Regular Certificates or whether each of these Regular Certificates should

instead be treated as having been issued with OID equal to the excess of the total payments to be received on each Regular Certificate over its issue price. For purposes of information reporting, we intend to treat these Regular Certificates as having been issued with OID.

### *Negative Yield*

We intend to report income with respect to Notional Classes based on the assumption that those classes are issued with OID. It is not entirely clear, however, that a Notional Class would be issued with OID or how taxable income with respect to such class should be reported where its yield to maturity, determined based on its Prepayment Assumption (and, with respect to Floating Rate, Inverse Floating Rate or WAC Notional Classes, the value of the variable rate as of the date of the applicable Prospectus Supplement) is negative (*i.e.*, the sum of all projected payments on the class determined based on its Prepayment Assumption, and if applicable, the value of the variable rate as of the date of the applicable Prospectus Supplement, is less than the beneficial owner's purchase price for the class).

For purposes of computing the amount of OID that accrues in each accrual period on a fixed-rate Notional Class that has a negative yield based on its Prepayment Assumption, we intend to use a yield to maturity of 0.0%. For purposes of computing the amount of OID that accrues in each accrual period on Floating Rate, Inverse Floating Rate or WAC Notional Classes that have negative yields based on their Prepayment Assumptions and the values of the variable rates as of the dates of the applicable Prospectus Supplements, we may make adjustments to the projected values of the variable rates in certain circumstances, and may also use a yield to maturity of 0.0% if necessary. You should consult your tax advisors regarding a Regular Certificate that has a negative yield as of the issue date.

### *Pass-Through of Servicing and Guaranty Fees to Individuals*

If a series trust is classified as a single-class REMIC under Treasury regulations promulgated pursuant to section 67 of the Code, a Regular Owner also will be required to include in income a share of the administrative fees of the series trust. Administrative fees include the servicing and guaranty fees imposed at the level of the series trust assets. See, for example, "**MATERIAL FEDERAL INCOME TAX CONSEQUENCES**" in the MBS Prospectus. The TCJA, which was enacted on December 22, 2017, suspends the application of sections 67 and 68 of the Code for tax years through December 31, 2025. As a result, a Regular Owner that is an individual, trust or estate will be unable to take certain itemized deductions described in these sections. Under the TCJA, such Regular Owner generally would not be eligible to deduct its allocable share of all administrative and other non-interest expenses relating to a REMIC under Code Section 212.

For tax years beginning after December 31, 2025, a deduction for such fees generally will be allowed to such a Regular Owner only to the extent that such fees, along with certain of the Regular Owner's other miscellaneous itemized deductions, exceed 2% of the Regular Owner's adjusted gross income. A Regular Owner's share of such fees generally will be determined by (i) allocating the amount of such expenses for each calendar quarter on a pro rata basis to each day in the calendar quarter, and (ii) allocating the daily amount among the beneficial owners of Regular and Residual Certificates in proportion to their respective amounts of income accruing on the certificates on that day. Similar rules apply in the case of (x) estates and trusts, and (y) individuals owning an interest in a Regular Certificate through an investment in a "pass-through entity." Pass-through entities include partnerships, S corporations, grantor trusts and non-publicly offered regulated investment companies, but do not include estates, trusts other than grantor trusts, cooperatives, real estate investment trusts and publicly offered regulated investment companies. We will report the allocable share of such fees in the manner required by the IRS.

Section 68 of the Code may provide for certain limitations on itemized deductions otherwise allowable for a Regular Owner who is an individual. In addition, a Regular Owner may not be able to deduct any portion of such fees in computing its alternative minimum tax liability.

### *Sales and Other Dispositions of Regular Certificates*

Upon the sale, exchange, retirement or other disposition of a Regular Certificate, the beneficial owner generally will recognize gain or loss equal to the difference between the amount realized upon the disposition and the beneficial owner's adjusted basis in the Regular Certificate. In addition, the Code requires the recognition of gain upon the "constructive sale of an appreciated financial position." In general, a constructive sale of an appreciated financial position occurs if a taxpayer enters into certain transactions or series of transactions with respect to a financial instrument that have the effect of substantially eliminating the taxpayer's risk of loss and opportunity for gain with respect to the financial instrument. These provisions only apply to Regular Certificates of a Notional Class.

The adjusted basis of a Regular Certificate generally will equal the cost of the Regular Certificate to the beneficial owner, increased by any OID or market discount included in the beneficial owner's gross income with respect to the Regular Certificate and reduced by distributions previously received by the beneficial owner of amounts included in the Regular Certificate's stated redemption price at maturity and by any premium that has reduced the beneficial owner's interest income with respect to the Regular Certificate.

The gain or loss, if any, will be capital gain or loss, provided the Regular Certificate is held as a "capital asset" (generally, property held for investment) within the meaning of section 1221 of the Code and none of the following apply. First, gain that might otherwise be capital gain will be treated as ordinary income to the extent that the gain does not exceed the excess, if any, of (i) the amount that would have been includible in the income of the Regular Owner had income accrued at a rate equal to 110% of the "applicable Federal rate" (generally, an average of current yields on Treasury securities) as of the date of purchase over (ii) the amount actually includible in the Regular Owner's income. Second, gain recognized by a Regular Owner who purchased a Regular Certificate at a market discount will be taxable as ordinary income in an amount not exceeding the portion of the market discount that accrued during the period the Regular Certificate was held by the Regular Owner, reduced by any market discount includible in income under the rules described under "**—Regular Certificates Purchased with Market Discount.**" Third, any gain or loss resulting from a sale or exchange described in section 582(c) of the Code (which generally applies to banks) will be taxable as ordinary income or loss.

#### ***Medicare Tax***

Certain non-corporate beneficial owners are subject to an increased rate of tax on some or all of their "net investment income," which generally includes interest, original issue discount and market discount realized on a Regular Certificate, and any net gain recognized upon a disposition of a Regular Certificate. A beneficial owner of a Regular Certificate should consult its tax advisor regarding the applicability of this tax in respect of the Regular Certificate.

#### ***Termination***

In general, no special tax consequences will apply to a Regular Owner upon the termination of a series trust by virtue of the final payment or liquidation of the last related series trust asset.

### **Taxation of Beneficial Owners of Residual Certificates**

#### ***Daily Portions***

Except as indicated below, a beneficial owner of a Residual Certificate with respect to a REMIC (a "Residual Owner") generally will be required to report its daily portion of the taxable income or net loss of the REMIC for each day during a calendar quarter that the Residual Owner owns the Residual Certificate. For this purpose, the daily portion is determined by allocating to each day in the calendar quarter its ratable portion of the taxable income or net loss of the REMIC for the quarter and then allocating that amount among the Residual Owners in accordance with their percentage interests on that day. Daily portions of income or loss allocated to a Residual Owner will be treated as ordinary income or loss. A Residual Owner must continue to report its daily portion of the taxable income or net loss of the REMIC until no certificates of any class are outstanding, even though the Residual Owner may have received full payment of any stated interest and principal on its Residual Certificate. See the discussion under "**DESCRIPTION OF THE CERTIFICATES—Special Characteristics of the Residual Certificates—REMIC Tiers**" above for a description of the assets of and designation of interests in each REMIC.

#### ***Taxable Income or Net Loss of a REMIC***

The taxable income or net loss of a REMIC will be the income from the "qualified mortgages" it holds and any reinvestment earnings less deductions allowed to the REMIC. In general, a series trust asset will be a "qualified mortgage" if the mortgage loans backing that series trust asset are "principally secured by an interest in real property" within the meaning of section 860G(a)(3) of the Code or if that series trust asset is a regular interest in another REMIC.

The taxable income or net loss for a given calendar quarter will be determined in the same manner as for an individual having the calendar year as the taxable year and using the accrual method of accounting, with the following modifications and limitations:

- A deduction will be allowed for accruals of interest (including any OID, but without regard to the investment interest limitation in section 163(d) of the Code) on the Regular Certificates (but not the Residual Certificates).

- Market discount equal to any excess of the total stated principal balances of the qualified mortgages over the REMIC's basis in these mortgages generally will be included in income by the REMIC as it accrues under a constant yield method, taking into account the Prepayment Assumption.
- If a REMIC is treated as having acquired qualified mortgages at a premium, the premium also will be amortized using a constant yield method.
- No item of income, gain, loss or deduction allocable to a prohibited transaction (see “**Taxes on a REMIC—Prohibited Transactions**”) will be taken into account.
- A REMIC generally may not deduct any item that would not be allowed in calculating the taxable income of a partnership by virtue of section 703(a)(2) of the Code.
- The TCJA suspends the application of sections 67 and 68 of the Code for tax years through December 31, 2025. For tax years beginning after December 31, 2025, the limitation on miscellaneous itemized deductions imposed on individuals by section 67 of the Code will not be applied at the REMIC level to any administrative fees, such as servicing and guaranty fees. (See, however, “**Pass-Through of Servicing and Guaranty Fees to Individuals.**”)
- No deduction is allowed for any expenses incurred in connection with the formation of a REMIC and the issuance of the Regular and Residual Certificates.
- Any gain or loss to a REMIC from the disposition of any asset, including a qualified mortgage or “permitted investment” as defined in section 860G(a)(5) of the Code, will be treated as ordinary gain or loss.

A REMIC's basis in qualified mortgages is the aggregate of the issue prices of all the Regular and Residual Certificates in the REMIC on the Settlement Date. If, however, the amount sold to the public of any class of Regular or Residual Certificates is not substantial, then the fair market value of all the Regular or Residual Certificates in that class as of the date of the prospectus supplement should be substituted for the issue price. If the deductions allowed to the REMIC exceed its gross income for a calendar quarter, the excess will be a net loss for the REMIC for that calendar quarter.

For purposes of determining the taxable income or net loss of a REMIC, OID will be calculated by taking into account the following. First, if all the regular interests of a REMIC are issued to another REMIC, the regular interests will be treated as a single debt instrument because they were issued to a single holder in a single transaction. Second, if a REMIC holds a regular interest as a qualified mortgage (an “Underlying Certificate”), the REMIC will elect to include in gross income all interest that accrues on the Underlying Certificate by using a constant yield method. See “**Taxation of Beneficial Owners of Regular Certificates—Special Election.**” Third, if a REMIC holds an Underlying Certificate, the accruals of OID on the Underlying Certificate will be determined using the same Prepayment Assumption used to calculate the accruals of OID on the related regular interests in the REMIC as specified in the applicable prospectus supplement. The IRS, however, could take the position that the proper Prepayment Assumption to be used is the Prepayment Assumption originally established for the Underlying Certificate.

A Residual Owner may be required to recognize taxable income without being entitled to receive a corresponding amount of cash. This could occur, for example, if the mortgage loans are considered to be purchased by the REMIC at a discount, some or all of the Regular Certificates are issued at a discount, and the discount included as a result of a prepayment on a mortgage loan that is used to pay principal on the Regular Certificates exceeds the REMIC's deduction for unaccrued original issue discount relating to the Regular Certificates. Taxable income may also be greater in earlier years because interest expense deductions, expressed as a percentage of the outstanding principal amount of the Regular Certificates, may increase over time as the earlier classes of Regular Certificates are paid, whereas interest income of the REMIC from each mortgage loan, expressed as a percentage of the outstanding principal amount of that mortgage loan, may remain constant over time.

#### ***Basis Rules and Distributions***

A Residual Owner has an initial basis in its Residual Certificate equal to the amount paid for the Residual Certificate. The basis is increased by amounts included in the income of the Residual Owner and decreased by distributions and by any net loss taken into account with respect to the Residual Certificate. A distribution on a Residual Certificate to a Residual Owner is not included in gross income to the extent it does not exceed the Residual

Owner's basis in the Residual Certificate (adjusted as described above) and, to the extent it exceeds the adjusted basis of the Residual Certificate, is treated as gain from the sale of the Residual Certificate.

A Residual Owner is not allowed to take into account any net loss for a calendar quarter to the extent the net loss exceeds the Residual Owner's adjusted basis in its Residual Certificate as of the close of that calendar quarter (determined without regard to that net loss). Any loss disallowed by reason of this limitation may be carried forward indefinitely to future calendar quarters and, subject to the same limitation, may be used only to offset income from the Residual Certificate.

#### ***Treatment of Excess Inclusions***

Any excess inclusions with respect to a Residual Certificate are subject to certain special tax rules. With respect to a Residual Owner, the excess inclusion for any calendar quarter is defined as the excess (if any) of the daily portions of taxable income over the sum of the "daily accruals" for each day during the quarter that the Residual Certificate was held by the Residual Owner. (The determination of daily accruals is discussed below.) Treasury has the authority to issue regulations that would treat all taxable income of a REMIC as excess inclusions if the Residual Certificate does not have "significant value." Treasury has not yet exercised this authority, but may do so in the future.

Any excess inclusions cannot be offset by losses from other activities. For Residual Owners that are subject to tax only on unrelated business taxable income (as described in section 511 of the Code), an excess inclusion of the Residual Owner is treated as unrelated business taxable income. With respect to variable contracts (within the meaning of section 817 of the Code), a life insurance company cannot adjust its reserve to the extent of any excess inclusion, except as provided in regulations. If a Residual Owner is a member of an affiliated group filing a consolidated income tax return, the taxable income of the affiliated group cannot be less than the sum of the excess inclusions attributable to all residual interests held by members of the affiliated group. For purposes of the alternative minimum tax, taxable income for purposes of section 55(b)(2) is determined without regard to the rule that taxable income cannot be less than excess inclusions, the alternative minimum taxable income cannot be less than excess inclusions, and excess inclusions are disregarded in computing the alternative tax net operating loss deduction. For a discussion of the effect of excess inclusions on certain foreign investors that own Residual Certificates, see "**Foreign Investors—Residual Certificates.**"

In the case of any Residual Certificates that are held by a real estate investment trust, the aggregate excess inclusions with respect to the Residual Certificates reduced (but not below zero) by the real estate investment trust taxable income (within the meaning of section 857(b)(2) of the Code, excluding any net capital gain) would, under regulations yet to be prescribed, be allocated among the shareholders of the real estate investment trust in proportion to the dividends received by the shareholders from the real estate investment trust, and any amount so allocated would be treated as an excess inclusion with respect to a Residual Certificate as if held directly by the shareholder. Similar rules would apply in the case of regulated investment companies, common trust funds and certain cooperatives that hold a Residual Certificate.

#### ***Determination of Daily Accruals***

The daily accruals are determined by allocating to each day during a calendar quarter its ratable portion of the product of the "adjusted issue price" of the Residual Certificate at the beginning of the calendar quarter and 120% of the "Federal long-term rate" in effect on the Settlement Date, based on quarterly compounding and properly adjusted for the length of the quarter. The Federal long-term rate is a blend of current yields on Treasury securities having a maturity of more than nine years computed and published monthly by the IRS. The prospectus supplement will set forth 120% of the Federal long-term rate based on quarterly compounding that will be in effect on the Settlement Date, if the rate is available as of the date of the prospectus supplement and the related REMIC has a Residual Certificate with an issue price greater than zero.

The adjusted issue price of a Residual Certificate as of the beginning of any calendar quarter is equal to the issue price of the Residual Certificate, increased by the amount of daily accruals for all prior quarters and decreased by any distributions made with respect to the Residual Certificate before the beginning of the quarter. The issue price of a Residual Certificate generally is the initial offering price to the public (excluding bond houses and brokers) at which a substantial amount of the Residual Certificates was sold.

#### ***Pass-Through of Servicing and Guaranty Fees to Individuals***

A Residual Owner who is an individual will be required to include in income a share of the administrative fees of the REMIC, including the servicing and guaranty fees imposed at the level of the series trust assets. The TCJA,

which was enacted on December 22, 2017, suspends the application of sections 67 and 68 of the Code for tax years through December 31, 2025. As a result, a Residual Owner that is an individual, trust or estate will be unable to take certain itemized deductions described in these sections. Under the TCJA, such Residual Owner generally would not be eligible to deduct its allocable share of all administrative and other non-interest expenses relating to a REMIC under Code Section 212. See, for example, “**MATERIAL FEDERAL INCOME TAX CONSEQUENCES**” in the MBS Prospectus.

For tax years beginning after December 31, 2025, a deduction for such fees generally will be allowed to such a Residual Owner only to the extent that such fees, along with certain of the Residual Owner’s other miscellaneous itemized deductions, exceed 2% of the Residual Owner’s adjusted gross income. A Residual Owner’s share of such fees generally will be determined by (i) allocating the amount of such expenses for each calendar quarter on a *pro rata* basis to each day in the calendar quarter, and (ii) allocating the daily amount among the Residual Owners in proportion to their respective holdings on that day. Similar rules apply in the case of (i) estates and trusts, and (ii) individuals owning an interest in a Residual Certificate through an investment in a “pass-through entity.” Pass-through entities include partnerships, S corporations, grantor trusts, certain limited liability companies and non-publicly offered regulated investment companies, but do not include estates, trusts other than grantor trusts, cooperatives, real estate investment trusts and publicly offered regulated investment companies. See “—**Taxation of Beneficial Owners of Regular Certificates—Pass-Through of Servicing and Guaranty Fees to Individuals**” for a discussion of possible allocations between Residual Owners and Regular Owners.

Section 68 of the Code may provide for certain limitations on itemized deductions otherwise allowable for a Residual Owner who is an individual. In addition, a Residual Owner may not be able to deduct any portion of such fees in computing its alternative minimum tax liability.

#### *Sales and Other Dispositions of Residual Certificates*

Upon the sale, exchange or other disposition of a Residual Certificate, the Residual Owner generally will recognize gain or loss equal to the difference between the amount realized upon the disposition and the Residual Owner’s adjusted basis in the Residual Certificate. The adjusted basis of a Residual Certificate is determined as described under “—**Basis Rules and Distributions**.” Except as provided in section 582(c) of the Code, the gain or loss, if any, will be capital gain or loss, provided the Residual Certificate is held as a capital asset.

If a Residual Owner sells or otherwise disposes of its Residual Certificate at a loss, the loss will not be recognized if, within six months before or after the sale or other disposition of the Residual Certificate, the Residual Owner purchases another residual interest or any interest in a taxable mortgage pool (as defined in section 7701(i) of the Code) comparable to a residual interest. The disallowed loss would be allowed upon the sale or other disposition of the other residual interest (or comparable interest) if the rule referred to in the preceding sentence does not apply to that sale or other disposition. While this rule may be modified by Treasury regulations, no such regulations have yet been published.

#### *Residual Certificates Transferred to or Held by Disqualified Organizations*

Section 860E(e) of the Code imposes a substantial tax, payable by the transferor (or, if a transfer is through a broker, nominee, or other middleman as the transferee’s agent, payable by that agent) upon any transfer of a Residual Certificate to a “disqualified organization.” A transfer includes any transfer of record or beneficial ownership, whether pursuant to a purchase, a default under a secured lending agreement or otherwise. The term “disqualified organization” is defined under “**DESCRIPTION OF THE CERTIFICATES—Special Characteristics of the Residual Certificates**.” A transferor of a Residual Certificate (or an agent of a transferee of a Residual Certificate, as the case may be) will be relieved of this tax liability if (i) the transferee furnishes to the transferor (or the transferee’s agent) an affidavit that the transferee is not a disqualified organization, and (ii) the transferor (or the transferee’s agent) does not have actual knowledge that the affidavit is false at the time of the transfer.

In addition, a tax may be imposed upon a pass-through entity (including a regulated investment company, real estate investment trust, common trust fund, partnership, trust, estate, nominee and certain cooperatives) that owns a Residual Certificate if the pass-through entity has a disqualified organization as a record holder. No such tax will be imposed on a pass-through entity for a period with respect to an interest therein owned by a disqualified organization if (i) the record holder of the interest furnishes to the pass-through entity an affidavit that it is not a disqualified organization and (ii) during that period, the pass-through entity has no actual knowledge that the affidavit is false.



### *Other Transfers of Residual Certificates*

A transfer of a Residual Certificate that has tax avoidance potential is disregarded for federal income tax purposes if the transferee is not a U.S. Person (a “Non-U.S. Person”), unless the transferee’s income from the Residual Certificate is otherwise subject to U.S. income tax. A Residual Certificate has tax avoidance potential unless, at the time of the transfer, the transferor reasonably expects that, for each excess inclusion, the REMIC will pay to the transferee an amount that will equal at least 30% of the excess inclusion, and that each amount will be paid at or after the time at which the excess inclusion accrues and not later than the close of the calendar year following the calendar year of accrual. Certain transfers by a Non-U.S. Person to a U.S. Person or another Non-U.S. Person are also disregarded if the transfer has the effect of allowing the transferor to avoid tax on accrued excess inclusions. See “**DESCRIPTION OF THE CERTIFICATES—Special Characteristics of the Residual Certificates**” for a discussion of additional provisions applicable to transfers of Residual Certificates.

### *Medicare Tax*

Certain non-corporate beneficial owners are subject to an increased rate of tax on some or all of their “net investment income,” which generally includes, among other items, any net gain recognized upon a disposition of a Residual Certificate. A beneficial owner of a Residual Certificate should consult its tax advisor regarding the applicability of this tax in respect of the Residual Certificate.

### *Amounts Paid to a Transferee of a Residual Certificate*

Treasury regulations provide that, to clearly reflect income, an inducement fee paid to a transferee of a noneconomic residual interest must be included in income over a period that is reasonably related to the period during which the applicable REMIC is expected to generate taxable income or net loss allocable to the transferee. The regulations set forth two safe harbor methods under which a taxpayer’s accounting for the inducement fee will be considered clearly to reflect income for these purposes. In addition, under the regulations an inducement fee will be treated as income from sources within the United States. The regulations contain additional details regarding their application. You should consult your own tax advisor regarding the application of the regulations to the transfer of a Residual Certificate.

### *Termination*

Although the matter is not entirely free from doubt, it appears that a Residual Owner will be entitled to a loss if:

- the REMIC terminates by virtue of the final payment or liquidation of the last mortgage loan that backs the last series trust asset remaining in the REMIC; and
- the Residual Owner’s adjusted basis in its Residual Certificate at the time the termination occurs exceeds the amount of cash distributed to the Residual Owner in liquidation of its interest.

The amount of the loss will equal the amount by which the Residual Owner’s adjusted basis exceeds the amount of cash distributed to the Residual Owner in liquidation of its interest.

### *Limitations on Deductions of Certain Expenses*

The TCJA suspends the application of Code Sections 67 and 68 for tax years through December 31, 2025. As a result, a Residual Owner that is an individual, trust or estate will be unable to take certain itemized deductions described in these sections. Prospective investors are urged to consult with their tax counsel regarding the applicability of the Tax Cuts and Jobs Act to their particular situation.

For tax years beginning after December 31, 2025, a Residual Owner that is an individual, estate or trust will be subject to limitation with respect to certain itemized deductions described in section 67 of the Code, to the extent that such itemized deductions, in the aggregate, do not exceed 2% of the investor’s adjusted gross income. In addition, section 68 of the Code provides that itemized deductions otherwise allowable for a taxable year of an individual taxpayer with income above certain thresholds will be reduced by the lesser of (i) 3% of the excess, if any, of adjusted gross income over a specified statutory amount or (ii) 80% of the amount of itemized deductions otherwise allowable for such year. Such deductions may include deductions under section 212 of the Code for all administrative and other non-interest expenses relating to a REMIC.

## Taxation of Beneficial Owners of RCR Certificates

Classes of RCR Certificates will be created, sold and administered pursuant to an arrangement that will be classified as a grantor trust under subpart E, part I of subchapter J of the Code. The Regular Certificates that back the RCR Certificates will be the assets of the grantor trust, and the RCR Certificates will represent an ownership interest in those Regular Certificates.

The classes of RCR Certificates will represent the beneficial ownership of the underlying Regular Certificates. The ownership interest represented by RCR Certificates will be one of two types; a “Strip RCR Certificate” will represent the right to receive a disproportionate part of the principal or interest payments on one or more underlying Regular Certificates and a “Combination RCR Certificate” will represent beneficial ownership of undivided interests in two or more underlying Regular Certificates.

### *Strip RCR Classes*

The tax consequences to a beneficial owner of a Strip RCR Certificate will be determined under section 1286 of the Code, except as discussed below. Under section 1286, a beneficial owner of a Strip RCR Certificate will be treated as owning “stripped bonds” to the extent of its share of principal payments and “stripped coupons” to the extent of its share of interest payments on the underlying Regular Certificates. If a Strip RCR Certificate entitles the holder to payments of principal and interest on an underlying Regular Certificate, the IRS could contend that the Strip RCR Certificate should be treated (i) as an interest in the underlying Regular Certificate to the extent that the Strip RCR Certificate represents an equal pro rata portion of principal and interest on the underlying Regular Certificate, and (ii) with respect to the remainder, as an installment obligation consisting of “stripped bonds” to the extent of its share of principal payments or “stripped coupons” to the extent of its share of interest payments. For purposes of information reporting, however, Fannie Mae intends to treat each Strip RCR Certificate as a single debt instrument, regardless of whether it entitles the holder to payments of principal and interest. You should consult your own tax advisors as to the proper treatment of a Strip RCR Certificate in this regard.

Under section 1286, the beneficial owner of a Strip RCR Certificate must treat the Strip RCR Certificate as a debt instrument originally issued on the date the owner acquires it and as having OID equal to the excess, if any, of its “stated redemption price at maturity” over the price paid by the owner to acquire it. The stated redemption price at maturity for a Strip RCR Certificate is determined in the same manner as described with respect to Regular Certificates. See “**Taxation of Beneficial Owners of Regular Certificates—Treatment of Original Issue Discount.**”

If a Strip RCR Certificate has OID, the beneficial owner must include the OID in its ordinary income for federal income tax purposes as the OID accrues, which may be prior to the receipt of the cash attributable to that income. Although the matter is not entirely clear, a beneficial owner should accrue OID using a method similar to that described with respect to the accrual of OID on a Regular Certificate under “**Taxation of Beneficial Owners of Regular Certificates—Treatment of Original Issue Discount.**” A beneficial owner, however, determines its yield to maturity based on its purchase price. For a particular beneficial owner, it is not clear whether the prepayment assumption used for calculating OID would be one determined at the time the Strip RCR Certificate is acquired or would be the original Prepayment Assumption for the underlying Regular Certificates. For purposes of information reporting, Fannie Mae will use the original yield to maturity of the Strip RCR Certificate, calculated based on the original Prepayment Assumption. You should consult your own tax advisors regarding the proper method for accruing OID on a Strip RCR Certificate.

The rules of section 1286 of the Code also apply if (i) a beneficial owner of Regular Certificates exchanges them for Strip RCR Certificates, (ii) the beneficial owner sells some, but not all, of the Strip RCR Certificates, and (iii) the combination of retained Strip RCR Certificates cannot be exchanged for the related Regular Certificates. As of the date of such a sale, the beneficial owner must allocate its basis in the Regular Certificates between the part of the Regular Certificates underlying the Strip RCR Certificates sold and the part of the Regular Certificates underlying the Strip RCR Certificates retained in proportion to their relative fair market values. Section 1286 of the Code treats the beneficial owner as purchasing the Strip RCR Certificates retained for the amount of the basis allocated to the retained Strip RCR Certificates, and the beneficial owner must then accrue any OID with respect to the retained Strip RCR Certificates as described above. Section 1286 does not apply, however, if a beneficial owner exchanges Regular Certificates for the related RCR Certificates and retains all the RCR Certificates. See “**Exchanges.**”

Upon the sale of a Strip RCR Certificate, a beneficial owner will realize gain or loss on the sale in an amount equal to the difference between the amount realized and its adjusted basis in the Strip RCR Certificates. The owner’s

adjusted basis generally is equal to the owner's cost of the Strip RCR Certificates (or portion of the cost of Regular Certificates allocable to the RCR Certificate), increased by income previously included, and reduced (but not below zero) by distributions previously received and by any amortized premium. If the beneficial owner holds the certificate as a capital asset, any gain or loss realized will be capital gain or loss, except to the extent provided under "**Taxation of Beneficial Owners of Regular Certificates—Sales and Other Dispositions of Regular Certificates.**"

Although the matter is not free from doubt, if a beneficial owner acquires in one transaction (other than an exchange described below under "**Exchanges**") a combination of Strip RCR Certificates that may be exchanged for underlying Regular Certificates, the owner should be treated as owning the underlying Regular Certificates, in which case section 1286 would not apply. If a beneficial owner acquires such a combination in separate transactions, the law is unclear as to whether the combination should be aggregated or each Strip RCR Certificate should be treated as a separate debt instrument. You should consult your tax advisors regarding the proper treatment of Strip RCR Certificates in this regard. For the treatment of Strip RCR Certificates received in exchange for Regular Certificates, see "**Exchanges.**"

#### ***Combination RCR Classes***

A beneficial owner of a Combination RCR Certificate will be treated as the beneficial owner of a proportionate interest in the Regular Certificates underlying that Combination RCR Certificate. Except in the case of a beneficial owner that acquires a Combination RCR Certificate in an exchange described under "**Exchanges,**" a beneficial owner of a Combination RCR Certificate must allocate its cost to acquire that certificate among the underlying Regular Certificates in proportion to their relative fair market values at the time of acquisition. Such an owner should account for its ownership interest in each underlying Regular Certificate as described under "**Taxation of Beneficial Owners of Regular Certificates.**" When a beneficial owner sells a Combination RCR Certificate, the owner must allocate the sale proceeds among the underlying Regular Certificates in proportion to their relative fair market values at the time of sale.

#### ***Exchanges***

If a beneficial owner exchanges one or more Regular Certificates for the related RCR Certificate or Certificates in the manner described under "**DESCRIPTION OF THE CERTIFICATES—Combination and Recombination—RCR Certificates**" in this prospectus, the exchange will not be taxable. Likewise, if a beneficial owner exchanges one or more RCR Certificates for the related Regular Certificate or certificates in the manner described in that discussion, the exchange will not be a taxable exchange. In each of these cases, the beneficial owner will be treated as continuing to own after the exchange the same combination of interests in the related Regular Certificates (or the same interest in the related Regular Certificate) that it owned immediately prior to the exchange.

#### **Taxes on a REMIC**

A REMIC will not be subject to federal income tax except with respect to income from prohibited transactions and in certain other instances described below. It is not anticipated that a series trust will engage in any transactions that will give rise to a tax on a related REMIC. In any event, pursuant to our guaranty obligations, we will make distributions to the series trust in an amount sufficient that the series trust may make distributions on the Regular Certificates and Residual Certificates without offset or deduction for any tax imposed on the related REMIC.

#### ***Prohibited Transactions***

The Code imposes a tax on a REMIC equal to 100% of the net income derived from "prohibited transactions." In general, the term "prohibited transaction" means the disposition of a qualified mortgage other than pursuant to certain specified exceptions, the receipt of investment income from a source other than a qualified mortgage or certain other permitted investments, the receipt of compensation for services, or the disposition of a "cash flow investment" as defined in section 860G(a)(6) of the Code.

#### ***Contributions to a REMIC After the Startup Day***

The Code imposes a tax on a REMIC equal to 100% of the value of any property contributed to the REMIC after the "startup day" (generally the same as the Settlement Date). Exceptions are provided for cash contributions to a REMIC if made (i) during the three-month period beginning on the startup day, (ii) to a qualified reserve fund by a holder of a residual interest, (iii) in the nature of a guarantee, or (iv) to facilitate a qualified liquidation or clean-up call.

### ***Net Income from Foreclosure Property***

The Code imposes a tax on a REMIC equal to the highest corporate rate on “net income from foreclosure property.” The terms “foreclosure property” (which includes property acquired by deed in lieu of foreclosure) and “net income from foreclosure property” are defined by reference to the rules applicable to real estate investment trusts. Generally, foreclosure property would be treated as such until the close of the third taxable year following the taxable year in which the acquisition occurs, with possible extensions. Net income from foreclosure property generally means gain from the sale of foreclosure property that is inventory property and gross income from foreclosure property other than qualifying rents and other qualifying income for a real estate investment trust, net of deductions directly connected with the production of such income.

### **Reporting and Other Administrative Matters**

For purposes of the administrative provisions of the Code, each REMIC will be treated as a partnership and the Residual Owners will be treated as partners. We will prepare, sign and file federal income tax returns for each REMIC, which returns are subject to audit by the IRS. The Bipartisan Budget Act of 2015, which was enacted on November 2, 2015, repeals and replaces the rules applicable to certain administrative and judicial proceedings regarding a partnership’s tax affairs, effective beginning with the 2018 taxable year. Under the new rules, a partnership, including for this purpose a REMIC for a taxable year in which it has multiple Residual Owners, appoints one person to act as its sole representative in connection with IRS audits and related procedures. The representative’s actions, including the representative’s agreeing to adjustments to taxable income, will bind partners or Residual Owners to a greater degree than would actions of the tax matters partner under the rules in effect prior to the 2018 taxable year. Under the new rules, a REMIC having multiple Residual Owners in a taxable year, unless such REMIC elects otherwise, will be required to pay taxes arising from IRS audit adjustments rather than its Residual Owners. The Trustee, as representative, will have the authority to utilize, and will be directed to utilize, any exceptions available under the new provisions (including changes) and Regulations so that the Residual Owners, to the fullest extent possible, rather than the REMIC itself, will be liable for any taxes arising from audit adjustments to the REMIC’s taxable income. An adjustment to the REMIC’s taxable income following an IRS audit may have to be taken into account by those Residual Owners in the taxable year in which the adjustment is made rather than in the taxable year to which the adjustment relates, and otherwise in different and potentially less advantageous ways than under the rules in effect prior to the 2018 taxable year. The new rules apply to existing and future REMICs having multiple Residual Owners in a taxable year. The new rules are complex and may be clarified and possibly revised. Residual Owners should discuss with their own tax advisors the possible effect of the new rules on them. Each Residual Owner, by the acceptance of its Residual Certificate, agrees that we will act as its representative with respect to the applicable REMIC for purposes of the performance of any duties required in connection with IRS audits and related procedures.

Within a reasonable time after the end of each calendar year, we will furnish to each certificateholder that received a distribution during that year a statement setting forth the portions of any distributions that constitute interest distributions, OID and any other information as is required by Treasury regulations and, with respect to certificateholders of Residual Certificates, information necessary to compute the daily portions of the taxable income (or net loss) of the REMIC for each day during that year.

If there is more than one Residual Owner for a taxable year, each Residual Owner is required to treat items on its return consistently with the treatment on the return of the REMIC, unless the Residual Owner either files a statement identifying the inconsistency or establishes that the inconsistency resulted from incorrect information received from the REMIC. The IRS may assert a deficiency resulting from a failure to comply with the consistency requirement without instituting an administrative proceeding at the REMIC level.

### **Backup Withholding**

Distributions of interest and principal, as well as distributions of proceeds from the sale of Regular and Residual Certificates, may be subject to the “backup withholding tax” under section 3406 of the Code if recipients of the distributions fail to furnish to the payor certain information, including their taxpayer identification numbers, or otherwise fail to establish an exemption from this tax. Any amounts deducted and withheld from a distribution to a recipient would be allowed as a credit against the recipient’s federal income tax. Certain penalties may be imposed by the IRS on a recipient of distributions required to supply information who does not do so in the proper manner.

## Foreign Investors

### *Regular Certificates*

Distributions made on a Regular Certificate to, or on behalf of, a Regular Owner that is a Non-U.S. Person generally will be exempt from U.S. federal income and withholding taxes, provided (i) the Regular Owner is not subject to U.S. tax as a result of a connection to the United States other than ownership of the Regular Certificate, (ii) the Regular Owner signs a statement under penalties of perjury that certifies that the Regular Owner is a Non-U.S. Person, and provides the name and address of the Regular Owner, and (iii) the last U.S. Person in the chain of payment to the Regular Owner receives the statement from the Regular Owner or a financial institution holding on its behalf and does not have actual knowledge that the statement is false. These rules do not apply to interest income allocable to a United States shareholder of a Regular Owner that is a “controlled foreign corporation” described in section 881(c)(3)(C) of the Code. You also should be aware that the IRS might take the position that these rules do not apply to a Regular Owner that owns 10% or more of the Residual Certificates or of the voting stock of Fannie Mae.

### *Residual Certificates*

Amounts distributed to a Residual Owner that is a Non-U.S. Person generally will be treated as interest for purposes of applying the 30% (or lower treaty rate) withholding tax on income that is not effectively connected with a U.S. trade or business. Amounts not constituting excess inclusions that are distributed on a Residual Certificate to a Non-U.S. Person generally will be exempt from U.S. federal income and withholding taxes, subject to the same conditions applicable to distributions on Regular Certificates, as described above, but only to the extent that the obligations directly underlying the REMIC that issued the Residual Certificate (*e.g.*, mortgage loans or regular interests in another REMIC) were issued after July 18, 1984. In no case will any portion of REMIC income that constitutes an excess inclusion be entitled to any exemption from the withholding tax or a reduced treaty rate for withholding. See “—**Taxation of Beneficial Owners of Residual Certificates—Treatment of Excess Inclusions.**”

Temporary Regulations issued by Treasury have modified the general rule that the taxable income of a REMIC is not includible in the income of a foreign person (or, if excess inclusions, subject to withholding tax) until paid or distributed. See “—**Taxation of Beneficial Owners of Residual Certificates—Treatment of Excess Inclusions.**” Under the Temporary Regulations, the amount of taxable income allocable to a foreign partner in a domestic partnership that is the beneficial owner of a Residual Certificate must be taken into account by the foreign partner on the last day of the partnership’s taxable year, except to the extent that some or all of that amount is required to be taken into account at an earlier time as a result of a distribution to the foreign partner or a disposition of the foreign partner’s indirect interest in the Residual Certificate. Similar rules apply to excess inclusions allocable to a foreign person that holds an interest in a real estate investment trust, regulated investment company, common trust fund or certain cooperatives.

### *FATCA*

Sections 1471 through 1474 of the Code (commonly known as “FATCA”) generally impose withholding of 30% on “withholdable payments” to certain foreign entities (including financial intermediaries), unless certain information reporting, diligence and other requirements have been satisfied. For this purpose, withholdable payments include U.S.-source interest and gross proceeds (including principal payments) from the sale or other disposition of property that can produce U.S.-source interest. Payments on the certificates will be treated as withholdable payments. Beginning on January 1, 2019, a 30-percent United States withholding tax (“FATCA withholding”) was scheduled to apply to gross proceeds from the sale or other disposition of a Regular Certificate that are paid to a non-U.S. entity that is a “financial institution” and fails to comply with certain reporting and other requirements or to a non-U.S. entity that is not a “financial institution” but fails to disclose the identity of its direct or indirect “substantial U.S. owners” or to certify that it has no such owners. However, on December 13, 2018, the IRS released proposed regulations which, if finalized, would eliminate FATCA withholding on gross proceeds to such persons from the sale or other disposition of Regular Certificates. The IRS will permit taxpayers to rely on this aspect of the proposed regulations until final regulations are issued. ***To receive the benefit of an exemption from FATCA withholding tax, you must provide to the withholding agent a properly completed Form W-8BEN or W-8BEN-E or other applicable form evidencing such exemption.*** You should consult your own tax advisors regarding the potential application and impact of this legislation based on your particular circumstances.

## CREDIT RISK RETENTION

The certificates satisfy the requirements of the Credit Risk Retention Rule (12 C.F.R. Part 1234) jointly promulgated by FHFA, the SEC and several other federal agencies. In accordance with 12 C.F.R. 1234.8(a), (i) the certificates are fully guaranteed as to timely payment of principal and interest by Fannie Mae and (ii) Fannie Mae is operating under the conservatorship of FHFA with capital support from the United States.

## EUROPEAN SECURITIZATION RULES

Regulation (EU) 2017/2402 (the “EU Securitization Regulation”), together with regulatory and implementing technical standards applicable thereto and guidelines and other materials published by the European Banking Authority, the European Securities and Markets Authority and the European Commission in relation thereto (the “European Securitization Rules”), collectively have direct effect in member states of the European Union (the “EU”) and in the United Kingdom and are expected to be implemented by national legislation in other countries in the European Economic Area (the “EEA”).

Our counsel, Katten Muchin Rosenman UK LLP, has advised us that an investment in the certificates does not constitute acquiring a position in a “securitization” as defined in Article 2(1) of the EU Securitization Regulation. Accordingly, we are not required, and do not intend, to make any representation or agreement that we or any other party is undertaking or will have undertaken to comply (or to take or refrain from taking any action to facilitate compliance) with any requirements of the European Securitization Rules as implemented in any member state (or former member state) of the EU or of the EEA, or with the requirements of any other law or regulation now or hereafter in effect in any member state (or former member state) of the EU or of the EEA in relation to credit risk retention, due diligence and transparency, credit granting standards or other conditions with respect to investments in securitization transactions. Each prospective investor is responsible for analyzing its own regulatory position and should consult with its own legal, accounting and other advisors regarding the suitability of an investment in the certificates and compliance with any such law or regulation.

## PLAN OF DISTRIBUTION

Pursuant to a Fannie Mae commitment, we generally will deliver the certificates of a particular series to one or more securities dealers or other approved counterparties in exchange for the series trust assets specified in the related prospectus supplement. In certain cases, as specified in the related prospectus supplement, we may directly provide from our portfolio some or all of the series trust assets of a particular series trust and will sell some or all of the related certificates to one or more dealers for the aggregate cash proceeds specified in the related prospectus supplement. Each dealer will offer the certificates as specified in the related prospectus supplement. Each dealer may, in turn, offer the certificates to or through other dealers. The dealers engage in transactions with us and perform services for us in the ordinary course of their business. We, the dealers or other parties may receive compensation, trading gain or other benefits in connection with these transactions. We typically receive a fee from the lender, dealer, other institutional investor or counterparty for each offering. We reserve the right to acquire certificates for our own account at the time they are issued or later in the secondary market, and may retain or dispose of any certificates that we acquire.

Before the Settlement Date for a series, we and the dealer may agree to offer classes of certificates in addition to those contemplated as of the date of the related prospectus supplement. In that event, we would increase the balance of the related series trust assets, but we expect that the additional series trust assets would have the same characteristics as those described in the related prospectus supplement. The proportion that the original principal balance of each class bears to the aggregate original principal balance of the related group of series trust assets would remain the same. In addition, the dollar amounts shown in any principal balance schedule in the related prospectus supplement would be increased to correspond to the increase of the principal balances of the applicable classes of certificates.

A secondary market for each series of certificates may not develop. If one does develop, it may not continue during the entire term during which the certificates are outstanding. In addition, neither we nor any other party are obligated to make a market in the certificates. Certificateholders also should note that the certificates are not traded on any exchange and the market price of a particular class of certificates or a benchmark price may not be readily available. See “**RISK FACTORS—RISKS RELATING TO LIQUIDITY.**”

## ACCOUNTING CONSIDERATIONS

The accounting treatment that applies to an investor's purchase and holding of certificates of a particular series may vary depending upon a number of different factors. Moreover, accounting principles, and how they are interpreted and applied, may change from time to time. Before you purchase any certificates, you should consult your own accountants regarding the proper accounting treatment for the certificates.

## LEGAL INVESTMENT CONSIDERATIONS

If you are an institution whose investment activities are subject to legal investment laws and regulations or to review by regulatory authorities, you may be or may become subject to restrictions on investment in certain certificates of a series or in certificates generally, including, without limitation, restrictions that may be imposed retroactively. If you are a financial institution that is subject to the jurisdiction of the Comptroller of the Currency, the Board of Governors of the Federal Reserve System, the Federal Deposit Insurance Corporation, the National Credit Union Administration, Treasury or other federal or state agencies with similar authority, you should review the rules, guidelines and regulations that apply to you prior to purchasing or pledging certificates of a particular series. In addition, if you are a financial institution, you should consult your regulators concerning the risk-based capital treatment of any certificate. **You should consult your own legal advisors to determine whether and to what extent the certificates constitute legal investments or are or may become subject to restrictions on investment and whether and to what extent the certificates can be used as collateral for various types of borrowings.**

## ERISA CONSIDERATIONS

ERISA and section 4975 of the Code impose requirements on employee benefit plans subject to ERISA (such as employer-sponsored retirement plans) and on other types of benefit plans and arrangements subject to section 4975 of the Code (such as individual retirement accounts). ERISA and section 4975 of the Code also impose these requirements on some entities in which these benefit plans or arrangements invest. We refer to these plans, arrangements and entities, collectively, as "plans." Any person who is a fiduciary of a plan also is subject to the requirements imposed by ERISA and section 4975 of the Code. Before a plan invests in certificates of any series, the plan fiduciary must consider whether the governing instruments for the plan permit the investment, whether the certificates are a prudent and appropriate investment for the plan under its investment policy, and whether such an investment might result in a transaction prohibited under ERISA or section 4975 of the Code for which no exemption is available.

The U.S. Department of Labor issued a regulation covering the acquisition by a plan of a "guaranteed governmental mortgage pool certificate," defined to include a certificate that is backed by, or evidences an interest in, a specified mortgage loan or a participation interest in a mortgage loan and that is guaranteed by Fannie Mae as to the payment of interest and principal. Under the regulation, investment by a plan in a guaranteed governmental mortgage pool certificate does not cause the assets of the plan to include the mortgage loans underlying the certificate or cause the sponsor, trustee and other servicers of the related mortgage pool to be subject to the fiduciary responsibility provisions of ERISA or the prohibited transaction provisions of ERISA or section 4975 of the Code in providing services with respect to the mortgage loans in the pool. Our counsel, Katten Muchin Rosenman LLP, has advised us that, except to the extent otherwise specified in a prospectus supplement for a series trust, the certificates qualify under the definition of "guaranteed governmental mortgage pool certificates" and, as a result, the purchase and holding of certificates by plans will not cause the series trust assets or the assets of Fannie Mae to be subject to the fiduciary requirements of ERISA or to the prohibited transaction provisions of ERISA or section 4975 of the Code merely by reason of a plan's holding of certificates. However, investors should consult with their own counsel regarding the ERISA eligibility of certificates they may purchase.

Due to the possibility that Fannie Mae, any dealer or any of their respective affiliates may receive certain benefits in connection with the sale or holding of the certificates, the purchase of the certificates using "assets of a plan" (as described in 29 C.F.R. Section 2510.3-101, as modified by Section 3(42) of ERISA) over which any of these parties or their affiliates has investment authority, or renders investment advice for a fee with respect to the assets of the plan, or is the employer or other sponsor of the plan, might be deemed to be a violation of a provision of Title I of ERISA or Section 4975 of the Code. Accordingly, the certificates may not be purchased using the assets of any plan if Fannie Mae, any dealer or any of their respective affiliates has investment authority, or renders investment advice for a fee with respect to the assets of the plan, or is the employer or other sponsor of the plan, unless an applicable

prohibited transaction exemption is available to cover the purchase or holding of the certificates or the transaction is not otherwise prohibited.

#### **LEGAL OPINION**

If you purchase certificates of a series, we will send you, upon request, an opinion of our general counsel (or one of our deputy general counsels) as to the validity of the certificates and the related trust documents.



## CLASS DEFINITIONS AND ABBREVIATIONS

<b>Abbreviation</b>	<b>Category of Class</b>	<b>Definition</b>
<b>PRINCIPAL TYPES</b>		
<b>AD</b>	Accretion Directed	Receives principal payments from the accrued and unpaid interest on one or more Accrual or Partial Accrual Classes. It will also receive principal payments from principal paid on the related series trust assets.
<b>AS</b>	Accelerated Security	Receives principal payments more rapidly than the related NAS Class during the period in which the NAS Class is receiving limited or no principal payments, and thereafter receives principal payments on any distribution date only if certain payments are made on the related NAS Class.
<b>CPT</b>	Component	Consists of two or more “components” of a single class. The components of a Component Class may have different principal payment characteristics but together constitute a single class. Each component of a Component Class may be identified as falling into one or more of the categories in this chart.
<b>GMC</b>	Guaranteed Maturity	Has a guaranteed maturity date that is earlier than the latest date by which that class would be retired solely from payments on the related series trust assets.
<b>JMP</b>	Jump	Has principal payment priorities that change upon the occurrence of (i) multiple “trigger events” or (ii) any “trigger event” calculated with reference to a prepayment speed other than a single PSA or CPR speed or to a schedule that is not structured at a single PSA or CPR speed.
<b>NAS</b>	Non-Accelerated Security	Designed to receive limited or no principal payments prior to a designated date and thereafter to receive increased principal payments, including a specified percentage of principal prepayments (which percentage may increase or decrease over time).
<b>NPR</b>	No Payment Residual	A Residual Class designed to receive no payments of principal.
<b>NSJ</b>	Non-Sticky Jump	Has principal payment priorities that change temporarily upon the occurrence of a single “trigger event” and is not a Jump Class. A Non-Sticky Jump Class “jumps” to its new priority on each distribution date when the trigger condition is met. It reverts to its original priority ( <i>i.e.</i> , does not “stick” to the new priority) on each distribution date when the trigger condition is not met.
<b>NTL</b>	Notional	Has no principal balance and bears interest on its notional principal balance. The notional principal balance is used solely to determine interest distributions on an Interest Only Class.

<b>Abbreviation</b>	<b>Category of Class</b>	<b>Definition</b>
<b>PAC</b>	Planned Amortization Class	Designed to receive principal payments using a predetermined principal balance schedule (a “Planned Balance”). This schedule is derived by assuming two <i>constant</i> prepayment rates for the mortgage loans backing the related series trust assets. These two rates are the endpoints for the “structuring range” of the PAC Class.
<b>PT</b>	Pass-Through	Designed to receive principal payments in a fixed proportion to payments on the related series trust assets.
<b>SC</b>	Structured Collateral	Designed to receive principal payments based on the actual distributions on series trust assets representing “regular interests” in a separate series trust.
<b>SCH</b>	Scheduled	Designed to receive principal payments using a predetermined principal balance schedule (a “Scheduled Balance”) but is not designated as a PAC or TAC Class. In many cases, this schedule is derived by assuming two <i>constant</i> prepayment rates for the mortgage loans backing the related series trust assets. These two rates are the endpoints for the “structuring range” of the Scheduled Class.
<b>SEG</b>	Segment	Combined, in whole or in part, with one or more classes (or portions of classes) to form a “Segment Group” for purposes of allocating certain principal distribution amounts or schedule/support structure inside an overriding structure.
<b>SEQ</b>	Sequential Pay	Receives principal payments in a prescribed sequence but without a predetermined schedule. In most cases, it receives payments of principal continuously from the first distribution date for that class until the class is retired. A single class that receives principal payments before or after all other classes in the same series of certificates may be identified as a Sequential Pay Class.
<b>SJ</b>	Sticky Jump	Has principal payment priorities that change permanently upon the occurrence of a single “trigger event” and is not a Jump Class. A Sticky Jump Class “jumps” to its new priority on the first distribution date when the trigger condition is met and retains ( <i>i.e.</i> , “sticks” to) that priority until the class is retired.
<b>SP</b>	Specified Payment	Designed to receive principal payments up to a specified dollar amount on one or more distribution dates.
<b>SPS</b>	Specified Payment Support	Receives principal payments on any distribution date only if a specified payment has been made on any related Specified Payment Class.
<b>SUP</b>	Support (or Companion)	Receives principal payments on any distribution date only if scheduled payments have been made on specified PAC, TAC and/or Scheduled Classes.
<b>TAC</b>	TAC (or Targeted Principal)	Designed to receive principal payments using a predetermined principal balance schedule (a “Targeted Balance”). In most cases, this schedule is derived by assuming a single <i>constant</i> prepayment rate for the mortgage loans backing the related series trust assets.

<b>Abbreviation</b>	<b>Category of Class</b>	<b>Definition</b>
<b>XAC</b>	Index Allocation	Has a principal payment allocation that depends on the value of an index or calculated formula.
<b>INTEREST TYPES</b>		
<b>AFC</b>	Available Funds	Receives as interest certain interest and/or principal payments on the related series trust assets, which payments may be insufficient on any distribution date to cover fully the accrued and unpaid interest on the certificates of this class. If specified in the related prospectus supplement, the unpaid interest amount may be carried over to subsequent distribution dates (and any unpaid interest amount may itself accrue interest) until payments are sufficient to cover all unpaid interest amounts. It is possible that these deficiencies, including any interest accrued thereon, will remain unpaid and, <b>if so, they will not be covered by the Fannie Mae guaranty.</b>
<b>ARB</b>	Ascending Rate	Has an interest rate that increases one or more times based upon a predetermined schedule.
<b>CPT</b>	Component	Consists of two or more segments or “components.” The components of a Component Class may have different interest payment characteristics but together constitute a single class. Each component of a Component Class may be identified as falling into one or more categories in this chart.
<b>DRB</b>	Descending Rate	Has an interest rate that decreases one or more times based upon a predetermined schedule.
<b>EXE</b>	Excess	Receives any interest paid on the series trust assets in excess of the amount of interest required to be paid on all other classes of certificates in the series. Excess classes sometimes have specified principal balances but no specified interest rate.
<b>FIX</b>	Fixed Rate	Has an interest rate that is fixed throughout the life of the class.
<b>FLT</b>	Floating Rate	Has an interest rate that resets periodically based upon a designated index and that varies directly with changes in the index.
<b>IDC</b>	Index Differential	Bears a floating or inverse floating interest rate computed in part based on the difference (or other specified relationship) between two designated indices (e.g. LIBOR, Ten-Year Treasury Index).
<b>INV</b>	Inverse Floating Rate	Has an interest rate that resets periodically based upon a designated index and that varies inversely with changes in the index.
<b>IO</b>	Interest Only	Receives some or all of the interest payments made on the related series trust assets but no principal. Interest Only Classes have a notional principal balance. A notional principal balance is the amount used as a reference to calculate the amount of interest due on an Interest Only Class.

<b>Abbreviation</b>	<b>Category of Class</b>	<b>Definition</b>
<b>IRC</b>	Interest Rate Cap	Receives payments of any accrued interest in excess of a specified rate based solely on benefits received under a third party derivative contract. As a result, <b>payments of any such excess accrued interest will not be covered by the Fannie Mae guaranty.</b>
<b>NPR</b>	No Payment Residual	A Residual Class designed to receive no payments of interest.
<b>PO</b>	Principal Only	Does not bear interest and is entitled to receive only payments of principal.
<b>PZ</b>	Partial Accrual	Accretes a portion of its accrued interest. This accreted amount will be added to the principal balance of the class on each applicable distribution date, while the remainder of the accrued interest is distributed currently as interest. Accretion may continue until a specified event has occurred or until the Partial Accrual Class is retired.
<b>T</b>	Toggle	Has an interest rate that changes significantly based on a trigger. For example, when the index meets a threshold, the interest rate may shift from one predetermined rate or formula to a different predetermined rate or formula. Accordingly, the change in interest rate may not be a continuous function of changes in the index.
<b>WAC</b>	Weighted Average Coupon	Has an interest rate that represents an effective weighted average interest rate that may change from period to period. A Weighted Average Coupon Class may consist of components, some of which have different interest rates.
<b>Z</b>	Accrual	Accretes the amount of accrued interest otherwise distributable on this class. This accreted amount will be added as principal to the principal balance of the class on each applicable distribution date. Accretion may continue until some specified event has occurred or until the Accrual Class is retired.

#### **OTHER TYPES**

<b>RDM</b>	Redeemable	Certificates that are redeemable as specified in the related prospectus supplement.
<b>RTL</b>	Retail	Designated for sale to retail investors. Retail Classes frequently are sold in small “units” or other increments and issued in book-entry form through the facilities of DTC. Retail Classes are entitled to receive distributions of principal in accordance with special priorities and allocation procedures.

**EFFECT OF BENCHMARK TRANSITION EVENT**

(a) *Benchmark Replacement*. If Fannie Mae determines that a Benchmark Transition Event and its related Benchmark Replacement Date have occurred prior to the Reference Time in respect of any determination of the Benchmark on any date, the Benchmark Replacement will replace the then-current Benchmark for all purposes relating to the certificates in respect of such determination on such date and all determinations on all subsequent dates.

(b) *Benchmark Replacement Conforming Changes*. In connection with the implementation of a Benchmark Replacement, Fannie Mae will have the right to make Benchmark Replacement Conforming Changes from time to time.

(c) *Decisions and Determinations*. Any determination, decision or election that may be made by Fannie Mae pursuant to this Section titled “Effect of Benchmark Transition Event,” including any determination with respect to a tenor, rate or adjustment or of the occurrence or non-occurrence of an event, circumstance or date and any decision to take or refrain from taking any action or any selection, will be conclusive and binding absent manifest error, may be made in Fannie Mae’s sole discretion, and, notwithstanding anything to the contrary in the documentation relating to the certificates, will become effective without consent from any other party. For purposes of whether a Benchmark Replacement or Benchmark Replacement Adjustment can be determined by Fannie Mae, if a Benchmark Replacement or Benchmark Replacement Adjustment alternative is, in the sole judgement of Fannie Mae, not administratively feasible, whether due to technical, administrative or operational issues, then such alternative will be deemed not to be determinable.

(d) *Certain Defined Terms*. As used in this Section titled “*Effect of Benchmark Transition Event*”:

“**Benchmark**” means, for a class of certificates, the then-current interest rate index for such class, whether LIBOR or SOFR; provided that if a Benchmark Transition Event and its related Benchmark Replacement Date have occurred with respect to the then-current Benchmark, then “Benchmark” means the applicable Benchmark Replacement.

“**Benchmark Replacement**” means the Interpolated Benchmark; provided that if Fannie Mae cannot determine the Interpolated Benchmark as of the Benchmark Replacement Date, then “Benchmark Replacement” means the first alternative (other than the current Benchmark) set forth in the order below that can be determined by Fannie Mae as of the Benchmark Replacement Date:

- (1) the sum of: (a) Term SOFR and (b) the Benchmark Replacement Adjustment;
- (2) the sum of: (a) Compounded SOFR and (b) the Benchmark Replacement Adjustment;
- (3) the sum of: (a) the alternate rate of interest that has been selected or recommended by the Relevant Governmental Body as the replacement for the then-current Benchmark for the applicable Corresponding Tenor and (b) the Benchmark Replacement Adjustment;
- (4) the sum of: (a) the ISDA Fallback Rate and (b) the Benchmark Replacement Adjustment;
- (5) the sum of: (a) the alternate rate of interest that has been selected by Fannie Mae as the replacement for the then-current Benchmark for the applicable Corresponding Tenor giving due consideration to any industry-accepted rate of interest as a replacement for the then-current Benchmark for U.S. dollar denominated floating rate securities at such time and (b) the Benchmark Replacement Adjustment;

provided, however, that if the Benchmark Replacement determined for any Benchmark Replacement Date is the rate specified in clause (2) above, and if, on the first day of any calendar month following such Benchmark Replacement Date, a redetermination of the Benchmark Replacement would result in the selection of a Benchmark Replacement specified in clause (1) above, then (x) the Benchmark Replacement specified in clause (1) above will be the Benchmark commencing with the earliest practicable index determination date thereafter and (y) the Benchmark Replacement

Adjustment will be redetermined on such date utilizing the Unadjusted Benchmark Replacement corresponding to the Benchmark Replacement specified in clause (1) above. If redetermination of the Benchmark Replacement on any date described in the preceding sentence would not result in the selection of a Benchmark Replacement under clause (1), then the Benchmark will remain the Benchmark Replacement specified in clause (2) above for the following index determination date.

Notwithstanding the foregoing provisions of this definition, if a Benchmark Replacement is chosen because an alternative appearing higher in priority in the foregoing list was not administratively feasible and such alternative later becomes administratively feasible, Fannie Mae may replace the previously selected Benchmark Replacement with such alternative.

**“Benchmark Replacement Adjustment”** means the first alternative set forth in the order below that can be determined by Fannie Mae as of the Benchmark Replacement Date:

- (1) the spread adjustment, or method for calculating or determining such spread adjustment, (which may be a positive or negative value or zero) that has been selected, endorsed or recommended by the Relevant Governmental Body for the applicable Unadjusted Benchmark Replacement;
- (2) if the applicable Unadjusted Benchmark Replacement is equivalent to the ISDA Fallback Rate, then the ISDA Fallback Adjustment;
- (3) the spread adjustment (which may be a positive or negative value or zero) that has been selected by Fannie Mae giving due consideration to any industry-accepted spread adjustment, or method for calculating or determining such spread adjustment, for the replacement of the then-current Benchmark with the applicable Unadjusted Benchmark Replacement for Floating Rate Classes and Inverse Floating Rate Classes at such time.

Notwithstanding the foregoing provisions of this definition, if a Benchmark Replacement Adjustment is chosen because an alternative appearing higher in priority in the foregoing list was not administratively feasible and such alternative later becomes administratively feasible, Fannie Mae may replace the previously selected Benchmark Replacement Adjustment with such alternative.

**“Benchmark Replacement Conforming Changes”** means, with respect to any Benchmark Replacement, any technical, administrative or operational changes (including changes to the interest accrual period, timing and frequency of determining rates and making payments of interest, changes to the definition of “Corresponding Tenor” solely when such tenor is longer than the interest accrual period and other administrative matters) that Fannie Mae decides may be appropriate to reflect the adoption of such Benchmark Replacement in a manner substantially consistent with market practice (or, if Fannie Mae decides that adoption of any portion of such market practice is not administratively feasible or if Fannie Mae determines that no market practice for use of the Benchmark Replacement exists, in such other manner as Fannie Mae determines is reasonably necessary).

**“Benchmark Replacement Date”** means the earliest to occur of the following events with respect to the then-current Benchmark:

- (1) in the case of clause (1) or (2) of the definition of “Benchmark Transition Event,” the later of (a) the date of the public statement or publication of information referenced therein and (b) the date on which the administrator of the Benchmark permanently or indefinitely ceases to provide the Benchmark; or
- (2) in the case of clause (3) of the definition of “Benchmark Transition Event,” the date of the public statement or publication of information referenced therein;

provided, however, that on or after the 60th day preceding the date on which such Benchmark Replacement Date would otherwise occur (if applicable), Fannie Mae may give written notice to the related certificateholders in which Fannie Mae designates an earlier date (but not earlier than the 30th day following such notice) and represents that such

earlier date will facilitate an orderly transition to the Benchmark Replacement, in which case such earlier date will be the Benchmark Replacement Date.

For the avoidance of doubt, if the event giving rise to the Benchmark Replacement Date occurs on the same day as, but earlier than, the Reference Time in respect of any determination, the Benchmark Replacement Date will be deemed to have occurred prior to the Reference Time for such determination.

**“Benchmark Transition Event”** means the occurrence of one or more of the following events with respect to the then-current Benchmark:

- (1) a public statement or publication of information by or on behalf of the administrator of the Benchmark announcing that such administrator has ceased or will cease to provide the Benchmark, permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the Benchmark;
- (2) a public statement or publication of information by the regulatory supervisor for the administrator of the Benchmark, the central bank for the currency of the Benchmark, an insolvency official with jurisdiction over the administrator for the Benchmark, a resolution authority with jurisdiction over the administrator for the Benchmark or a court or an entity with similar insolvency or resolution authority over the administrator for the Benchmark, which states that the administrator of the Benchmark has ceased or will cease to provide the Benchmark permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the Benchmark; or
- (3) a public statement or publication of information by the regulatory supervisor for the administrator of the Benchmark announcing that the Benchmark is no longer representative.

**“Compounded SOFR”** means the compounded average of SOFRs for the applicable Corresponding Tenor, with the rate, or methodology for this rate, and conventions for this rate (which will be compounded for each interest accrual period in arrears with a look-back and/or suspension period that may be prior to such interest accrual period) being established by Fannie Mae in accordance with the first alternative set forth in the order below that can be determined by Fannie Mae as of the Benchmark Replacement:

- (1) the rate, or methodology for this rate, and conventions for this rate selected or recommended by the Relevant Governmental Body for determining compounded SOFR; or
- (2) the rate, or methodology for this rate, and conventions for this rate that have been selected by Fannie Mae giving due consideration to any industry-accepted market practice for U.S. dollar denominated floating rate securities at such time;

provided, however, that for a class of certificates that at issuance accrues interest based on Compounded SOFR, the methodology and conventions for this rate will be as set forth under **“DESCRIPTION OF THE CERTIFICATES—Distributions on Certificates—Interest Distributions—Indices for Floating Rate Classes and Inverse Floating Rate Classes—SOFR”** in this prospectus.

**“Corresponding Tenor”** with respect to a Benchmark Replacement means a tenor (including overnight) having approximately the same length (disregarding business day adjustment) as the applicable tenor for the then-current Benchmark;

provided, however, that for a class of certificates that at issuance accrues interest based on SOFR, the “Corresponding Tenor” means a tenor (including overnight) having approximately the same length (disregarding business day adjustment) as the applicable tenor for such class specified in the related prospectus supplement.

**“FRBNY’s Website”** means the website of the FRBNY at <http://www.newyorkfed.org>, or any successor source.

**“Interpolated Benchmark”** with respect to the Benchmark means the rate determined for the Corresponding Tenor by interpolating on a linear basis between: (1) the Benchmark for the longest period (for which the Benchmark is available) that is shorter than the Corresponding Tenor and (2) the Benchmark for the shortest period (for which the Benchmark is available) that is longer than the Corresponding Tenor.

**“ISDA Definitions”** means the 2006 ISDA Definitions published by the International Swaps and Derivatives Association, Inc. or any successor thereto, as amended or supplemented from time to time, or any successor definitional booklet for interest rate derivatives published from time to time.

**“ISDA Fallback Adjustment”** means the spread adjustment, (which may be a positive or negative value or zero) that would apply for derivatives transactions referencing the ISDA Definitions to be determined upon the occurrence of an index cessation event with respect to the Benchmark for the applicable tenor.

**“ISDA Fallback Rate”** means the rate that would apply for derivatives transactions referencing the ISDA Definitions to be effective upon the occurrence of an index cessation date with respect to the Benchmark for the applicable tenor excluding the applicable ISDA Fallback Adjustment.

**“Reference Time”** with respect to any determination of the Benchmark means (1) if the Benchmark is LIBOR, 11:00 a.m. (London time) on the day that is two London banking days preceding the date of such determination, and (2) if the Benchmark is not LIBOR, the time determined by Fannie Mae in accordance with the Benchmark Replacement Conforming Changes;

provided, however, that for a class of certificates that at issuance accrues interest based on SOFR, the “Reference Time” means the “index determination date” for such class as set forth under **“DESCRIPTION OF THE CERTIFICATES—Distributions on Certificates—Interest Distributions—Indices for Floating Rate Classes and Inverse Floating Rate Classes—SOFR”** in this prospectus.

**“Relevant Governmental Body”** means the Federal Reserve Board and/or the FRBNY, or a committee officially endorsed or convened by the Federal Reserve Board and/or the FRBNY or any successor thereto.

**“SOFR”** with respect to any day means the secured overnight financing rate published for such day by the FRBNY, as the administrator of the benchmark (or a successor administrator), on the FRBNY’s Website.

**“Term SOFR”** means the forward-looking term rate for the applicable Corresponding Tenor based on SOFR that has been selected or recommended by the Relevant Governmental Body.

**“Unadjusted Benchmark Replacement”** means the Benchmark Replacement excluding the Benchmark Replacement Adjustment.



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No one is authorized to give information or to make representations in connection with the certificates other than the information and representations contained in or incorporated into this prospectus and the additional disclosure documents. We take no responsibility for any unauthorized information or representation. This prospectus and the additional disclosure documents do not constitute an offer or solicitation with regard to the certificates if it is illegal to make such an offer or solicitation to you under state law. By delivering this prospectus and the additional disclosure documents at any time, no one implies that the information contained in the prospectus or additional disclosure documents is correct after the date hereof or thereof.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved the certificates or determined if this prospectus or any additional disclosure document is truthful and complete. Any representation to the contrary is a criminal offense.

Additional prospectuses and information regarding outstanding series trusts are available on our website at [www.fanniemae.com](http://www.fanniemae.com) and upon request by calling us at 800-2FANNIE (800-232-6643).

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## Guaranteed Single-Family REMIC Pass-Through Certificates

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### SINGLE-FAMILY REMIC PROSPECTUS

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July 1, 2020

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