

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): November 8, 2022

Federal National Mortgage Association  
(Exact name of registrant as specified in its charter)

Fannie Mae

Federally chartered corporation	0-50231	52-0883107	1100 15th Street, NW Washington, DC 20005	800 232-6643
<i>(State or other jurisdiction of incorporation)</i>	<i>(Commission File Number)</i>	<i>(IRS Employer Identification No.)</i>	<i>(Address of principal executive offices, including zip code)</i>	<i>(Registrant's telephone number, including area code)</i>

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
None	N/A	N/A

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§203.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).  
Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

The information in this report, including information contained in the exhibits submitted with this report, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, or otherwise subject to the liabilities of Section 18, nor shall it be deemed incorporated by reference into any disclosure document relating to Fannie Mae (formally known as the Federal National Mortgage Association), except to the extent, if any, expressly incorporated by specific reference in that document.

**Item 2.02 Results of Operations and Financial Condition.**

On November 8, 2022, Fannie Mae filed its quarterly report on Form 10-Q for the quarter ended September 30, 2022 and is issuing a press release reporting its financial results for the periods covered by the Form 10-Q. Copies of the press release and a financial supplement are furnished as Exhibits 99.1 and 99.2, respectively, to this report and are incorporated herein by reference. Copies may also be found on Fannie Mae's website, [www.fanniemae.com](http://www.fanniemae.com), in the "About Us" section under "Investor Relations/Quarterly and Annual Results." Information appearing on the company's website is not incorporated into this report.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits. The following exhibits are being submitted with this report:

Exhibit Number	Description of Exhibit
99.1	<a href="#">Press release, dated November 8, 2022</a>
99.2	<a href="#">Financial Supplement for Q3 2022, dated November 8, 2022</a>
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

FEDERAL NATIONAL MORTGAGE ASSOCIATION

By:           /s/ Chryssa C. Halley            
Chryssa C. Halley  
Executive Vice President and Chief Financial Officer

Date: November 8, 2022

### Fannie Mae Reports Net Income of \$2.4 Billion for Third Quarter 2022

- \$2.4 billion net income for the third quarter of 2022, with net worth reaching \$58.8 billion as of September 30, 2022
- Net income decreased \$2.2 billion in the third quarter of 2022 compared with the second quarter of 2022. The largest driver of this decrease was an increase in credit-related expense. Credit-related expense for the third quarter was primarily driven by lower actual and projected home prices.
- \$134 billion in liquidity provided to the single-family and multifamily mortgage markets in the third quarter of 2022
- \$92 billion of single-family home purchase acquisitions in the third quarter of 2022, more than 45% were for first-time homebuyers
- Acquired approximately 285,000 home purchase loans and 99,000 single-family refinance loans during the third quarter of 2022
- Approximately 143,000 units of rental housing financed in the third quarter of 2022, a significant majority of which were affordable to households earning at or below 120% of area median income, providing support for both workforce and affordable housing
- The U.S. weekly average 30-year fixed-rate mortgage rate increased from 5.70% as of the end of the second quarter of 2022 to 6.70% as of the end of the third quarter of 2022

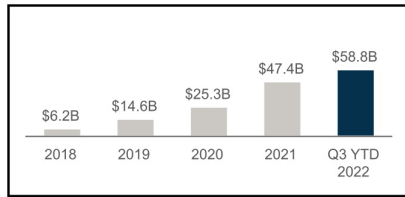
*"Our third quarter results reflect the changing conditions in today's housing market, and in this environment we continue to focus on being a stable pillar for the market, managing risk, and supporting renters and homeowners."*

David C. Benson, President and Interim Chief Executive Officer

### Q3 2022 Key Results

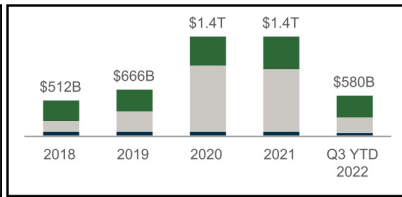
#### \$58.8 Billion Net Worth

Increase of \$2.4 billion in the third quarter of 2022



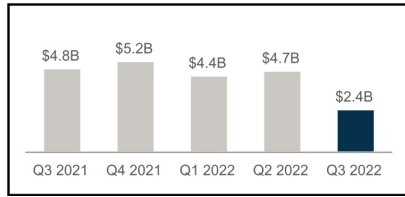
#### \$580 Billion Supporting Housing Activity

SF Home Purchases SF Refinancings MF Rental Units



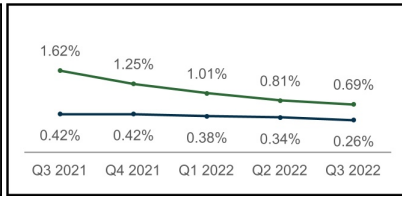
#### \$2.4 Billion Net Income for Q3 2022

Decrease of \$2.2 billion compared with second quarter 2022



#### Serious Delinquency Rates

Single-Family SDQ Rate Multifamily SDQ Rate



**Summary of Financial Results**

(Dollars in millions)	Q322	Q222	Variance	% Change	Q321	Variance	% Change
Net interest income	\$ 7,124	\$ 7,808	\$ (684)	(9)%	\$ 6,972	\$ 152	2 %
Fee and other income	105	81	24	30 %	111	(6)	(5)%
<b>Net revenues</b>	<b>7,229</b>	<b>7,889</b>	<b>(660)</b>	<b>(8)%</b>	<b>7,083</b>	<b>146</b>	<b>2 %</b>
Investment gains (losses), net	(172)	(49)	(123)	NM	243	(415)	NM
Fair value gains (losses), net	292	529	(237)	(45)%	(17)	309	NM
Administrative expenses	(870)	(795)	(75)	(9)%	(745)	(125)	(17)%
Credit-related income (expense)	(2,521)	(251)	(2,270)	NM	868	(3,389)	NM
TCCA fees	(850)	(841)	(9)	(1)%	(781)	(69)	(9)%
Credit enhancement expense	(364)	(332)	(32)	(10)%	(233)	(131)	(56)%
Change in expected credit enhancement recoveries	290	(47)	337	NM	(42)	332	NM
Other expenses, net	(169)	(228)	59	26 %	(268)	99	37 %
<b>Income before federal income taxes</b>	<b>2,865</b>	<b>5,875</b>	<b>(3,010)</b>	<b>(51)%</b>	<b>6,108</b>	<b>(3,243)</b>	<b>(53)%</b>
Provision for federal income taxes	(429)	(1,222)	793	65 %	(1,266)	837	66 %
<b>Net income</b>	<b>\$ 2,436</b>	<b>\$ 4,653</b>	<b>\$ (2,217)</b>	<b>(48)%</b>	<b>\$ 4,842</b>	<b>\$ (2,406)</b>	<b>(50)%</b>
<b>Total comprehensive income</b>	<b>\$ 2,433</b>	<b>\$ 4,649</b>	<b>\$ (2,216)</b>	<b>(48)%</b>	<b>\$ 4,828</b>	<b>\$ (2,395)</b>	<b>(50)%</b>
<b>Net worth</b>	<b>\$ 58,840</b>	<b>\$ 56,407</b>	<b>\$ 2,433</b>	<b>4 %</b>	<b>\$ 42,173</b>	<b>\$ 16,667</b>	<b>40 %</b>

NM - Not meaningful

**Financial Highlights**

Net income decreased \$2.2 billion in the third quarter of 2022, compared with the second quarter of 2022, primarily driven by an increase in credit-related expense and a decrease in net interest income.

- Credit-related expense was \$2.5 billion in the third quarter of 2022, compared with \$251 million in the second quarter of 2022. Credit-related expense for the third quarter was primarily driven by lower actual and projected home prices during the quarter.
- Net interest income was \$7.1 billion in the third quarter of 2022, compared with \$7.8 billion in the second quarter of 2022. Net interest income from the company's guaranty book of business decreased due to a decline in net amortization income driven by a decrease in refinancing activity due to rising interest rates.

## Single-Family Business Financial Results

(Dollars in millions)	Q322	Q222	Variance	% Change	Q321	Variance	% Change
Net interest income	\$ 5,918	\$ 6,573	\$ (655)	(10)%	\$ 5,870	\$ 48	1 %
Fee and other income	83	60	23	38 %	86	(3)	(3)%
<b>Net revenues</b>	<b>6,001</b>	<b>6,633</b>	<b>(632)</b>	<b>(10)%</b>	<b>5,956</b>	<b>45</b>	<b>1 %</b>
Investment gains (losses), net	(178)	(27)	(151)	NM	222	(400)	NM
Fair value gains (losses), net	309	543	(234)	(43)%	(31)	340	NM
Administrative expenses	(730)	(671)	(59)	(9)%	(620)	(110)	(18)%
Credit-related income (expense)	(2,367)	(231)	(2,136)	NM	807	(3,174)	NM
TCCA fees	(850)	(841)	(9)	(1)%	(781)	(69)	(9)%
Credit enhancement expense	(298)	(270)	(28)	(10)%	(174)	(124)	(71)%
Change in expected credit enhancement recoveries	245	(43)	288	NM	(28)	273	NM
Other expenses, net	(159)	(199)	40	20 %	(261)	102	39 %
<b>Income before federal income taxes</b>	<b>1,973</b>	<b>4,894</b>	<b>(2,921)</b>	<b>(60)%</b>	<b>5,090</b>	<b>(3,117)</b>	<b>(61)%</b>
Provision for federal income taxes	(276)	(1,008)	732	73 %	(1,065)	789	74 %
<b>Net income</b>	<b>\$ 1,697</b>	<b>\$ 3,886</b>	<b>\$ (2,189)</b>	<b>(56)%</b>	<b>\$ 4,025</b>	<b>\$ (2,328)</b>	<b>(58)%</b>
Average charged guaranty fee on new conventional acquisitions, net of TCCA fees	53.3 bps	51.7 bps	1.6 bps	3 %	47.3 bps	6.0 bps	13 %
Average charged guaranty fee on conventional guaranty book of business, net of TCCA fees	46.2 bps	45.9 bps	0.3 bps	1 %	45.4 bps	0.8 bps	2 %

NM - Not meaningful

## Key Business Highlights

- Single-family conventional acquisition volume was \$117.7 billion in the third quarter of 2022, a decrease of 32% compared with \$172.3 billion in the second quarter of 2022. Purchase acquisition volume decreased from \$111.0 billion in the second quarter of 2022 to \$92.2 billion in the third quarter of 2022, of which more than 45% was for first-time homebuyers. Refinance acquisition volume was \$25.5 billion in the third quarter of 2022, a decline from \$61.3 billion in the second quarter of 2022, due to the higher mortgage interest-rate environment.
- Average single-family conventional guaranty book of business in the third quarter of 2022 increased from the second quarter of 2022 by 0.9% driven primarily by growth in the average balance of loans acquired during the quarter. Credit characteristics of the single-family conventional guaranty book of business remained strong, with a weighted-average mark-to-market loan-to-value ratio of 50% and a weighted-average FICO credit score at origination of 752 as of September 30, 2022.
- Single-family serious delinquency rate decreased to 0.69% as of September 30, 2022, from 0.81% as of June 30, 2022 driven by borrowers exiting forbearance through a loan workout or by otherwise reinstating their loan. Single-family seriously delinquent loans are loans that are 90 days or more past due or in the foreclosure process.

**Multifamily Business Financial Results**

(Dollars in millions)	Q322	Q222	Variance	% Change	Q321	Variance	% Change
Net interest income	\$ 1,206	\$ 1,235	\$ (29)	(2)%	\$ 1,102	\$ 104	9 %
Fee and other income	22	21	1	5 %	25	(3)	(12)%
<b>Net revenues</b>	<b>1,228</b>	<b>1,256</b>	<b>(28)</b>	<b>(2)%</b>	<b>1,127</b>	<b>101</b>	<b>9 %</b>
Fair value gains (losses), net	(17)	(14)	(3)	(21)%	14	(31)	NM
Administrative expenses	(140)	(124)	(16)	(13)%	(125)	(15)	(12)%
Credit-related income (expense)	(154)	(20)	(134)	NM	61	(215)	NM
Credit enhancement expense	(66)	(62)	(4)	(6)%	(59)	(7)	(12)%
Change in expected credit enhancement recoveries	45	(4)	49	NM	(14)	59	NM
Other income (expenses), net*	(4)	(51)	47	92 %	14	(18)	NM
<b>Income before federal income taxes</b>	<b>892</b>	<b>981</b>	<b>(89)</b>	<b>(9)%</b>	<b>1,018</b>	<b>(126)</b>	<b>(12)%</b>
Provision for federal income taxes	(153)	(214)	61	29 %	(201)	48	24 %
<b>Net income</b>	<b>\$ 739</b>	<b>\$ 767</b>	<b>\$ (28)</b>	<b>(4)%</b>	<b>\$ 817</b>	<b>\$ (78)</b>	<b>(10)%</b>
Average charged guaranty fee rate on multifamily guaranty book of business, at period end	79.0 bps	79.5 bps	(0.5) bps	NM	77.5 bps	1.5 bps	2 %

NM - Not meaningful

\* Includes investment gains or losses and other income or expenses.

**Key Business Highlights**

- New multifamily business volume was \$15.9 billion during the third quarter of 2022, compared with \$18.7 billion during the second quarter of 2022. During the first nine months of 2022, new multifamily business volume was \$50.6 billion. The Federal Housing Finance Agency (FHFA) established a 2022 multifamily volume cap of \$78 billion, of which 50% must be mission-driven, focused on certain affordable and underserved market segments, and 25% affordable to residents earning 60% or less of area median income.
- The multifamily guaranty book of business grew by 0.9% in the third quarter of 2022 to \$429.4 billion. The average charged guaranty fee on the multifamily book decreased from 79.5 basis points as of June 30, 2022, to 79.0 basis points as of September 30, 2022, but increased from 77.5 basis points from September 30, 2021.
- As of September 30, 2022, more than 95% of the loans in the company's active multifamily guaranty book of business that had received a forbearance, measured by unpaid principal balance, were in a repayment plan or reinstated.
- The multifamily serious delinquency rate decreased to 0.26% as of September 30, 2022, compared with 0.34% as of June 30, 2022, as recovery from COVID-19 continues. The multifamily serious delinquency rate, excluding loans that have received a forbearance since the start of the pandemic, was 0.04% as of September 30, 2022. Multifamily seriously delinquent loans are loans that are 60 days or more past due.



**Additional Matters**

Fannie Mae's Condensed Consolidated Balance Sheets and Condensed Consolidated Statements of Operations and Comprehensive Income for the third quarter of 2022 are available in the accompanying Annex; however, investors and interested parties should read the company's Third Quarter 2022 Form 10-Q, which was filed today with the Securities and Exchange Commission and is available on Fannie Mae's website, [www.fanniemae.com](http://www.fanniemae.com). The company provides further discussion of its financial results and condition, credit performance, and other matters in its Third Quarter 2022 Form 10-Q. Additional information about the company's financial and credit performance is contained in Fannie Mae's "Q3 2022 Financial Supplement" at [www.fanniemae.com](http://www.fanniemae.com).

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*Fannie Mae provides website addresses in its news releases solely for readers' information. Other content or information appearing on these websites is not part of this release.*

*Fannie Mae advances equitable and sustainable access to homeownership and quality, affordable rental housing for millions of people across America. We enable the 30-year fixed-rate mortgage and drive responsible innovation to make homebuying and renting easier, fairer, and more accessible. To learn more, visit [fanniemae.com](http://fanniemae.com) and follow us on [twitter.com/fanniemae](https://twitter.com/fanniemae).*



**ANNEX**  
**FANNIE MAE**  
**(In conservatorship)**  
**Condensed Consolidated Balance Sheets – (Unaudited)**  
**(Dollars in millions)**

	As of	
	September 30, 2022	December 31, 2021
<b>ASSETS</b>		
Cash and cash equivalents	\$ 35,640	\$ 42,448
Restricted cash and cash equivalents (includes \$21,863 and \$59,203, respectively, related to consolidated trusts)	27,921	66,183
Securities purchased under agreements to resell (includes \$13,150 and \$13,533, respectively, related to consolidated trusts)	23,950	20,743
Investments in securities:		
Trading, at fair value (includes \$3,275 and \$4,224, respectively, pledged as collateral)	58,253	88,206
Available-for-sale, at fair value (with an amortized cost of \$744 and \$827, respectively)	741	837
<b>Total investments in securities</b>	<b>58,994</b>	<b>89,043</b>
Mortgage loans:		
Loans held for sale, at lower of cost or fair value	4,177	5,134
Loans held for investment, at amortized cost:		
Of Fannie Mae	49,952	61,025
Of consolidated trusts	4,058,901	3,907,712
<b>Total loans held for investment (includes \$3,691 and \$4,964, respectively, at fair value)</b>	<b>4,108,853</b>	<b>3,968,737</b>
Allowance for loan losses	(8,302)	(5,629)
<b>Total loans held for investment, net of allowance</b>	<b>4,100,551</b>	<b>3,963,108</b>
<b>Total mortgage loans</b>	<b>4,104,728</b>	<b>3,968,242</b>
Advances to lenders	3,443	8,414
Deferred tax assets, net	12,729	12,715
Accrued interest receivable, net (includes \$8,902 and \$8,878 related to consolidated trusts and net of allowance of \$112 and \$140, respectively)	9,478	9,264
Acquired property, net	1,539	1,259
Other assets	11,031	10,855
<b>Total assets</b>	<b>\$ 4,289,453</b>	<b>\$ 4,229,166</b>
<b>LIABILITIES AND EQUITY</b>		
Liabilities:		
Accrued interest payable (includes \$9,040 and \$8,517, respectively, related to consolidated trusts)	\$ 9,650	\$ 9,186
Debt:		
Of Fannie Mae (includes \$1,766 and \$2,381, respectively, at fair value)	129,776	200,892
Of consolidated trusts (includes \$16,758 and \$21,735, respectively, at fair value)	4,078,038	3,957,299
Other liabilities (includes \$1,812 and \$1,245, respectively, related to consolidated trusts)	13,149	14,432
<b>Total liabilities</b>	<b>4,230,613</b>	<b>4,181,809</b>
Commitments and contingencies (Note 13)	—	—
Fannie Mae stockholders' equity:		
Senior preferred stock (liquidation preference of \$177,906 and \$163,672, respectively)	120,836	120,836
Preferred stock, 700,000,000 shares are authorized—555,374,922 shares issued and outstanding	19,130	19,130
Common stock, no par value, no maximum authorization—1,308,762,703 shares issued and 1,158,087,567 shares outstanding	687	687
Accumulated deficit	(74,437)	(85,934)
Accumulated other comprehensive income	24	38
Treasury stock, at cost, 150,675,136 shares	(7,400)	(7,400)
<b>Total stockholders' equity (See Note 1: Senior Preferred Stock Purchase Agreement and Senior Preferred Stock for information on the related dividend obligation and liquidation preference)</b>	<b>58,840</b>	<b>47,357</b>
<b>Total liabilities and equity</b>	<b>\$ 4,289,453</b>	<b>\$ 4,229,166</b>

See Notes to Condensed Consolidated Financial Statements in the Third Quarter 2022 Form 10-Q

**FANNIE MAE**  
**(In conservatorship)**  
**Condensed Consolidated Statements of Operations and Comprehensive Income – (Unaudited)**  
(Dollars in millions, except per share amounts)

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2022	2021	2022	2021
Interest income:				
Trading securities	\$ 515	\$ 134	\$ 980	\$ 396
Available-for-sale securities	10	11	29	48
Mortgage loans	30,114	24,798	86,338	73,083
Securities purchased under agreements to resell	171	5	205	17
Other	40	33	93	106
Total interest income	<u>30,850</u>	<u>24,981</u>	<u>87,645</u>	<u>73,650</u>
Interest expense:				
Short-term debt	(17)	—	(23)	(4)
Long-term debt	(23,709)	(18,009)	(65,291)	(51,646)
Total interest expense	<u>(23,726)</u>	<u>(18,009)</u>	<u>(65,314)</u>	<u>(51,650)</u>
Net interest income	7,124	6,972	22,331	22,000
Benefit (provision) for credit losses	(2,536)	937	(2,994)	4,290
Net interest income after benefit (provision) for credit losses	<u>4,588</u>	<u>7,909</u>	<u>19,337</u>	<u>26,290</u>
Investment gains (losses), net	(172)	243	(323)	934
Fair value gains (losses), net	292	(17)	1,301	321
Fee and other income	105	111	269	301
Non-interest income	<u>225</u>	<u>337</u>	<u>1,247</u>	<u>1,556</u>
Administrative expenses:				
Salaries and employee benefits	(439)	(376)	(1,244)	(1,128)
Professional services	(229)	(184)	(636)	(582)
Other administrative expenses	(202)	(185)	(593)	(529)
Total administrative expenses	<u>(870)</u>	<u>(745)</u>	<u>(2,473)</u>	<u>(2,239)</u>
Foreclosed property income (expense)	15	(69)	21	(105)
TCCA fees	(850)	(781)	(2,515)	(2,270)
Credit enhancement expense	(364)	(233)	(974)	(791)
Change in expected credit enhancement recoveries	290	(42)	303	(117)
Other expenses, net	(169)	(268)	(633)	(867)
Total expenses	<u>(1,948)</u>	<u>(2,138)</u>	<u>(6,271)</u>	<u>(6,389)</u>
Income before federal income taxes	2,865	6,108	14,313	21,457
Provision for federal income taxes	(429)	(1,266)	(2,816)	(4,470)
Net income	<u>2,436</u>	<u>4,842</u>	<u>11,497</u>	<u>16,987</u>
Other comprehensive loss:				
Changes in unrealized losses on available-for-sale securities, net of reclassification adjustments and taxes	(1)	(10)	(8)	(64)
Other, net of taxes	(2)	(4)	(6)	(9)
Total other comprehensive loss	<u>(3)</u>	<u>(14)</u>	<u>(14)</u>	<u>(73)</u>
Total comprehensive income	<u>\$ 2,433</u>	<u>\$ 4,828</u>	<u>\$ 11,483</u>	<u>\$ 16,914</u>
Net income	\$ 2,436	\$ 4,842	\$ 11,497	\$ 16,987
Dividends distributed or amounts attributable to senior preferred stock	(2,433)	(4,828)	(11,483)	(16,914)
Net income attributable to common stockholders	<u>\$ 3</u>	<u>\$ 14</u>	<u>\$ 14</u>	<u>\$ 73</u>
Earnings per share:				
Basic	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.01
Diluted	0.00	0.00	0.00	0.01
Weighted-average common shares outstanding:				
Basic	5,867	5,867	5,867	5,867
Diluted	5,893	5,893	5,893	5,893

See Notes to Condensed Consolidated Financial Statements in the Third Quarter 2022 Form 10-Q



# Fannie Mae<sup>®</sup>

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## Financial Supplement Q3 2022

November 8, 2022

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- Some of the terms and other information in this presentation are defined and discussed more fully in Fannie Mae's Form 10-Q for the quarter ended September 30, 2022 ("Q3 2022 Form 10-Q") and Form 10-K for the year ended December 31, 2021 ("2021 Form 10-K"). This presentation should be reviewed together with the Q3 2022 Form 10-Q and the 2021 Form 10-K, which are available at [www.fanniemae.com](http://www.fanniemae.com) in the "About Us—Investor Relations—SEC Filings" section. Information on or available through the company's website is not part of this supplement.
- Some of the information in this presentation is based upon information from third-party sources such as sellers and servicers of mortgage loans. Although Fannie Mae generally considers this information reliable, Fannie Mae does not independently verify all reported information.
- Due to rounding, amounts reported in this presentation may not sum to totals indicated (i.e., 100%), or amounts shown as 100% may not reflect the entire population.
- Unless otherwise indicated, "Q3 YTD 2022" data is as of September 30, 2022 or for the first nine months of 2022. Data for prior years is as of December 31 or for the full year indicated.
- Note references are to endnotes, appearing on pages 23 to 26.

**Terms used in presentation**

**CAS:** Connecticut Avenue Securities®

**CIRT™:** Credit Insurance Risk Transfer™

**CRT:** Credit risk transfer

**DSCR:** Weighted-average debt service coverage ratio

**DTI ratio:** Debt-to-income ("DTI") ratio refers to the ratio of a borrower's outstanding debt obligations (including both mortgage debt and certain other long-term and significant short-term debts) to that borrower's reported or calculated monthly income, to the extent the income is used to qualify for the mortgage

**DUS®:** Fannie Mae's Delegated Underwriting and Servicing program

**FHFA:** The Federal Housing Finance Agency

**HARP®:** Home Affordable Refinance Program®, registered trademarks of the Federal Housing Finance Agency, which allowed eligible Fannie Mae borrowers with high LTV ratio loans to refinance into more sustainable loans

**LTV ratio:** Loan-to-value ratio

**MSA:** Metropolitan statistical area

**MTMLTV ratio:** Mark-to-market loan-to-value ratio, which refers to the current unpaid principal balance of a loan at period end, divided by the estimated current home price at period end

**OLTV ratio:** Origination loan-to-value ratio, which refers to the unpaid principal balance of a loan at the time of origination of the loan, divided by the home price or property value at origination of the loan

**Refi Plus™:** Refi Plus initiative, which offered refinancing flexibility to eligible Fannie Mae borrowers

**REO:** Real estate owned by Fannie Mae because it has foreclosed on the property or obtained the property through a deed-in-lieu of foreclosure

**TCCA fees:** Refers to revenues generated by the 10 basis point guaranty fee increase the company implemented on single-family residential mortgages pursuant to the Temporary Payroll Tax Cut Continuation Act of 2011 ("TCCA") and as extended by the Infrastructure Investment and Jobs Act, the incremental revenue from which is remitted to Treasury and not retained by the company.

**UPB:** Unpaid principal balance



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# Overview

# Corporate Financial Highlights

## Summary of Q3 2022 Financial Results

(Dollars in millions)	Q3 2022	Q2 2022	Variance	Q3 YTD 2022	Q3 YTD 2021	Variance
Net interest income	\$7,124	\$7,808	\$(684)	\$22,331	\$22,000	\$331
Fee and other income	105	81	24	269	301	(32)
<b>Net revenues</b>	<b>7,229</b>	<b>7,889</b>	<b>(660)</b>	<b>22,600</b>	<b>22,301</b>	<b>299</b>
Investment gains (losses), net	(172)	(49)	(123)	(323)	934	(1,257)
Fair value gains, net	292	529	(237)	1,301	321	980
Administrative expenses	(870)	(795)	(75)	(2,473)	(2,239)	(234)
Credit-related income (expense)	(2,521)	(251)	(2,270)	(2,973)	4,185	(7,158)
TCCA fees	(850)	(841)	(9)	(2,515)	(2,270)	(245)
Credit enhancement expense	(364)	(332)	(32)	(974)	(791)	(183)
Change in expected credit enhancement recoveries	290	(47)	337	303	(117)	420
Other expenses, net <sup>(1)</sup>	(169)	(228)	59	(633)	(867)	234
<b>Income before federal income taxes</b>	<b>2,865</b>	<b>5,875</b>	<b>(3,010)</b>	<b>14,313</b>	<b>21,457</b>	<b>(7,144)</b>
Provision for federal income taxes	(429)	(1,222)	793	(2,816)	(4,470)	1,654
<b>Net income</b>	<b>\$2,436</b>	<b>\$4,653</b>	<b>\$(2,217)</b>	<b>\$11,497</b>	<b>\$16,987</b>	<b>\$(5,490)</b>
<b>Total comprehensive income</b>	<b>\$2,433</b>	<b>\$4,649</b>	<b>\$(2,216)</b>	<b>\$11,483</b>	<b>\$16,914</b>	<b>\$(5,431)</b>
<b>Net worth</b>	<b>\$58,840</b>	<b>\$56,407</b>	<b>\$2,433</b>	<b>\$58,840</b>	<b>\$42,173</b>	<b>\$16,667</b>
<b>Net worth ratio<sup>(2)</sup></b>	<b>1.4 %</b>	<b>1.3 %</b>		<b>1.4 %</b>	<b>1.0 %</b>	

## Q3 2022 Key Highlights

### \$2.4 billion Net Income in Q3 2022, with Net Worth Reaching \$58.8 billion as of September 30, 2022

**Net income** decreased \$2.2 billion in the third quarter of 2022 compared with the second quarter of 2022 driven primarily by an increase in credit-related expense and a decrease in net interest income.

**Credit-related expense** was \$2.5 billion in the third quarter of 2022, compared with \$251 million in the second quarter of 2022. Credit-related expense for the third quarter was driven primarily by lower actual and projected home prices during the quarter.

**Net interest income** was \$7.1 billion dollars in the third quarter of 2022, compared with \$7.8 billion in the second quarter of 2022. Net interest income from the company's guaranty book of business decreased due to a decline in net amortization income driven by a decrease in refinancing activity due to rising interest rates.

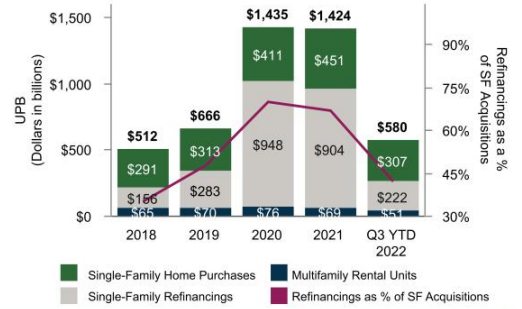


# Guaranty Book of Business Highlights

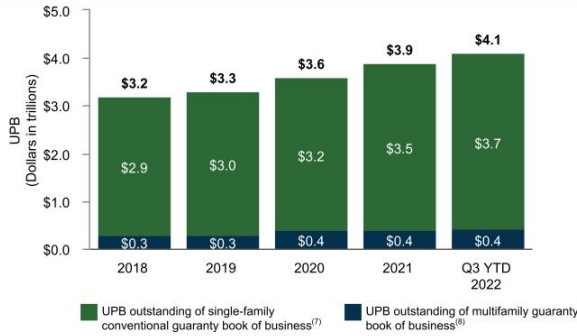
## Market Liquidity Provided

Total liquidity provided in the third quarter of 2022 was \$134B

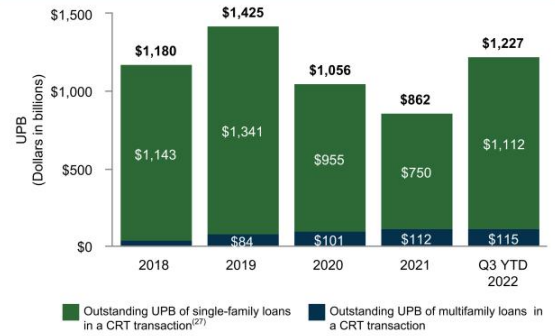
Unpaid Principal Balance	Units
\$92B	285K Single-Family Home Purchases
\$26B	99K Single-Family Refinancings
\$16B	143K Multifamily Rental Units



## Outstanding Guaranty Book of Business at Period End



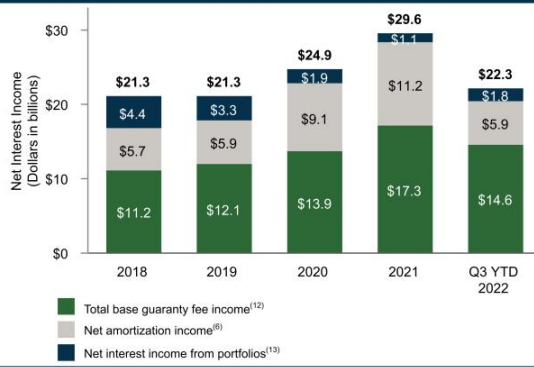
## Guaranty Book of Business in a CRT



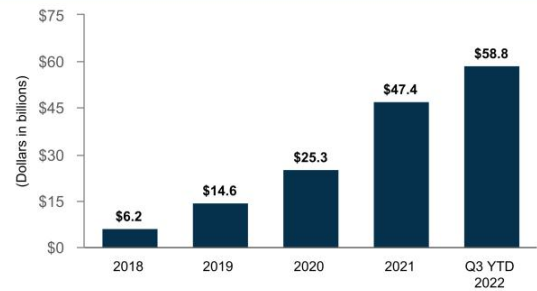


# Interest Income and Liquidity Management

## Components of Net Interest Income



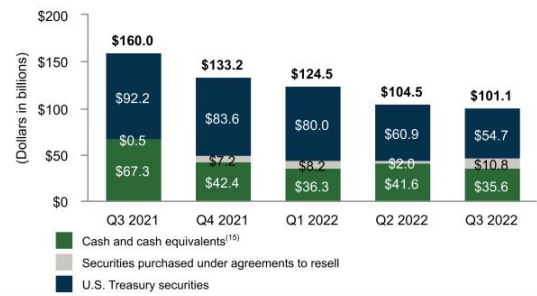
## Net Worth of Fannie Mae



## Aggregate Indebtedness of Fannie Mae<sup>(14)</sup>

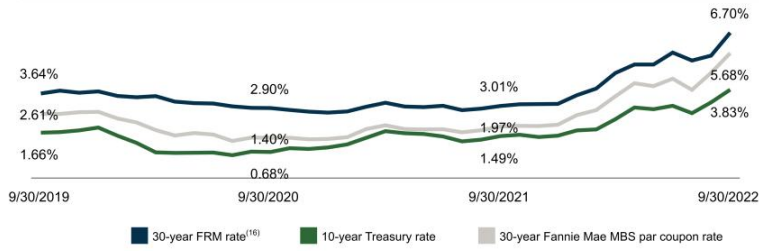


## Other Investments Portfolio ("OIP")



# Key Market Economic Indicators

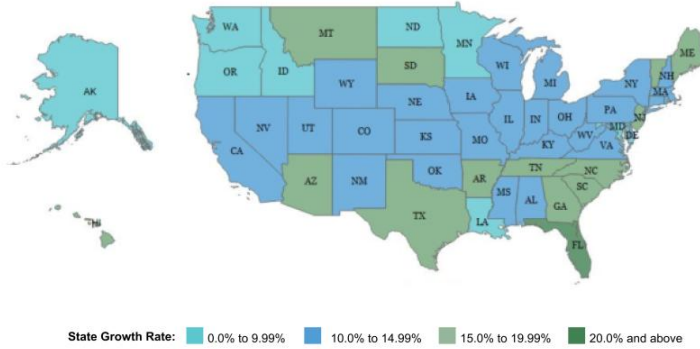
## Benchmark Interest Rates



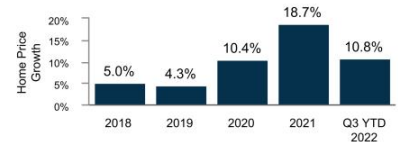
## U.S. GDP Growth (Decline) Rate and Unemployment Rate<sup>(17)</sup>



## One Year Home Price Growth Rate Q3 2022<sup>(18)</sup> United States 13.8%



## Single-Family Home Price Growth Rate<sup>(18)</sup>



## Top 10 States by UPB<sup>(18)</sup>

State	One Year Home Price Growth Rate Q3 2022	Share of Single-Family Conventional Guaranty Book
CA	10.8%	19%
TX	15.9%	7%
FL	25.5%	6%
NY	11.9%	4%
WA	9.0%	4%
CO	11.1%	3%
NJ	15.0%	3%
IL	10.7%	3%
VA	11.8%	3%
AZ	16.0%	3%



# Single-Family Business



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# Single-Family Highlights

## Q3 2022

**\$5,918M**  
Net interest income

**\$(178)M**  
Investment losses, net

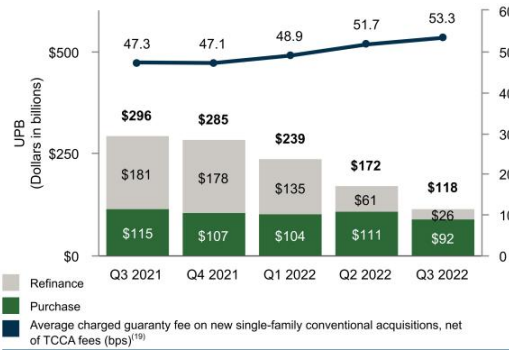
**\$309M**  
Fair value gains, net

**\$(2,367)M**  
Credit-related expense

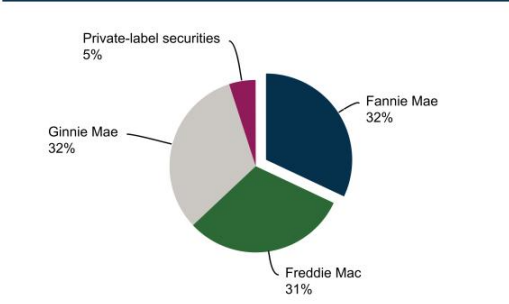
**\$1,697M**  
Net income



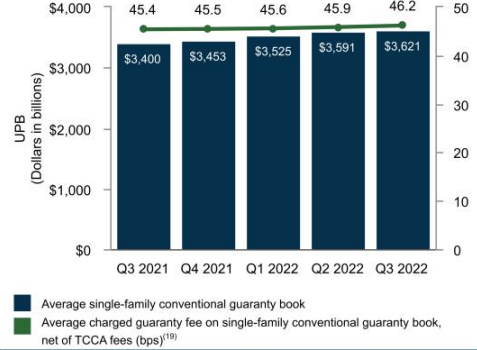
## Single-Family Conventional Loan Acquisitions<sup>(7)</sup>



## Q3 2022 Single-Family Mortgage-Related Securities Share of Issuances



## Single-Family Conventional Guaranty Book of Business<sup>(7)</sup>

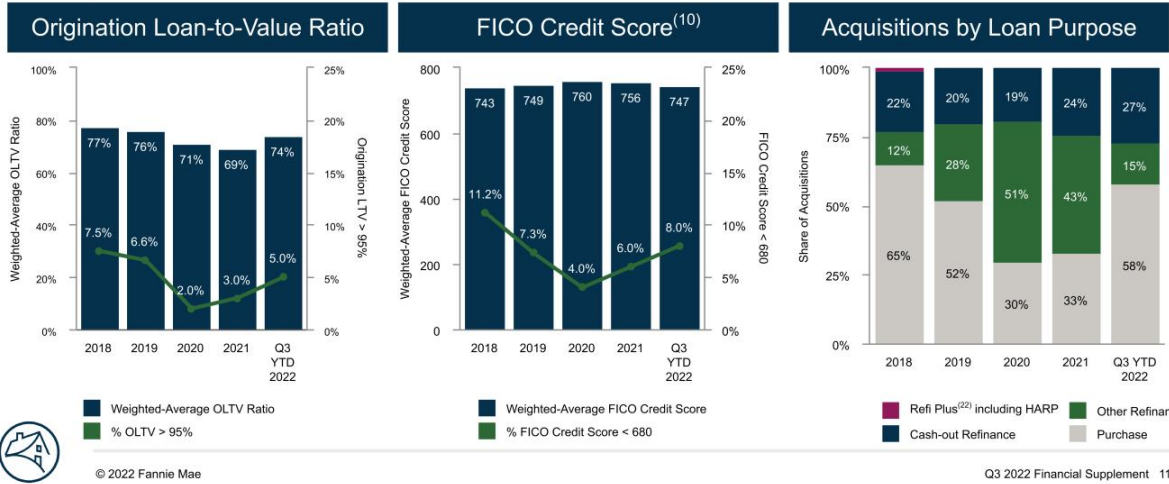


## Highlights

- Single-family conventional acquisition volume was \$117.7 billion in Q3 2022, a decline from \$172.3 billion in Q2 2022 due to the higher mortgage interest rate environment. Purchase acquisition volume was 79% of total single-family acquisition volume in the Q3 2022, compared to 64% in the Q2 2022, as refinance volumes continued to significantly decline also driven by the higher interest rate environment.
- The average single-family conventional guaranty book of business in Q3 2022 increased from Q2 2022 by 0.9% driven primarily by growth in the average balance of loans acquired during the quarter.
- Single-family serious delinquency rate decreased to 0.69% as of September 30, 2022, from 0.81% as of June 30, 2022 driven by borrowers exiting forbearance through a loan workout or by otherwise reinstating their loan.

# Credit Characteristics of Single-Family Conventional Loan Acquisitions

Certain Credit Characteristics of Single-Family Conventional Loans by Acquisition Period							Q3 YTD 2022 Acquisition Credit Profile by Certain Loan Features			
Categories are not mutually exclusive	Q3 2021	Q4 2021	Full Year 2021	Q1 2022	Q2 2022	Q3 2022	OLTV Ratio > 95%	Home-Ready <sup>(21)</sup>	FICO Credit Score < 680 <sup>(10)</sup>	DTI Ratio > 43% <sup>(20)</sup>
Total UPB (Dollars in billions)	\$296.4	\$284.5	\$1,354.7	\$239.5	\$172.3	\$117.7	\$25.5	\$13.6	\$48.1	\$165.3
Weighted-Average OLTV Ratio	70%	70%	69%	71%	75%	78%	97%	90%	71%	76%
OLTV Ratio > 95%	4%	4%	3%	4%	5%	6%	100%	41%	2%	5%
Weighted-Average FICO <sup>®</sup> Credit Score <sup>(10)</sup>	753	751	756	748	746	746	743	742	655	740
FICO Credit Score < 680 <sup>(10)</sup>	8%	8%	6%	9%	9%	8%	4%	8%	100%	10%
DTI Ratio > 43% <sup>(20)</sup>	24%	25%	23%	29%	32%	35%	34%	52%	35%	100%
Fixed-rate	99%	99%	99%	99%	99%	98%	100%	100%	100%	99%
Primary Residence	95%	91%	92%	90%	91%	91%	100%	100%	96%	90%
HomeReady <sup>(21)</sup>	3%	3%	3%	2%	3%	3%	22%	100%	2%	4%



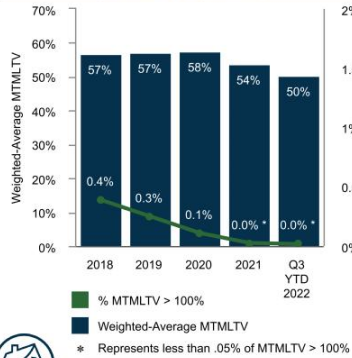
# Credit Characteristics of Single-Family Conventional Guaranty Book of Business

## Certain Credit Characteristics of Single-Family Conventional Guaranty Book of Business by Origination Year and Loan Features<sup>(7)(23)</sup>

As of September 30, 2022

Categories are not mutually exclusive	Origination Year							Certain Loan Features				
	Overall Book	2008 & Earlier	2009-2018	2019	2020	2021	2022	OLTV Ratio > 95%	Home-Ready <sup>(21)</sup>	FICO Credit Score < 680 <sup>(10)</sup>	Refi Plus Including HARP <sup>(22)</sup>	DTI Ratio > 43% <sup>(20)</sup>
Total UPB (Dollars in billions)	\$3,629.0	\$79.5	\$815.7	\$172.7	\$948.7	\$1,186.1	\$426.3	\$167.1	\$105.8	\$291.2	\$129.3	\$860.4
Average UPB	\$205,467	\$79,403	\$131,048	\$199,638	\$252,605	\$271,238	\$296,013	\$171,944	\$180,174	\$160,221	\$104,139	\$224,660
Share of SF Conventional Guaranty Book	100%	2%	22%	5%	26%	33%	12%	5%	3%	9%	4%	24%
Loans in Forbearance by UPB <sup>(24)</sup>	0.3%	0.9%	0.4%	0.5%	0.2%	0.3%	0.1%	0.6%	0.6%	1.1%	0.4%	0.5%
Share of Loans with Credit Enhancement <sup>(25)</sup>	41%	10%	46%	55%	33%	48%	32%	84%	82%	38%	40%	45%
Serious Delinquency Rate <sup>(11)</sup>	0.69%	3.06%	0.95%	1.07%	0.30%	0.24%	0.07%	1.66%	1.22%	2.63%	1.04%	1.09%
Weighted-Average OLTV Ratio	72%	75%	74%	76%	71%	70%	75%	102%	87%	74%	84%	74%
OLTV Ratio > 95%	5%	9%	7%	8%	3%	3%	5%	100%	34%	7%	28%	6%
Amortized OLTV Ratio <sup>(26)</sup>	67%	69%	61%	70%	67%	67%	74%	92%	83%	69%	74%	70%
Weighted-Average Mark-to-Market LTV Ratio <sup>(9)</sup>	50%	31%	33%	48%	50%	57%	71%	65%	65%	49%	32%	53%
Weighted-Average FICO Credit Score <sup>(10)</sup>	752	697	747	747	762	755	746	734	742	652	727	741
FICO Credit Score < 680 <sup>(10)</sup>	9%	38%	11%	9%	4%	7%	9%	12%	9%	100%	23%	11%

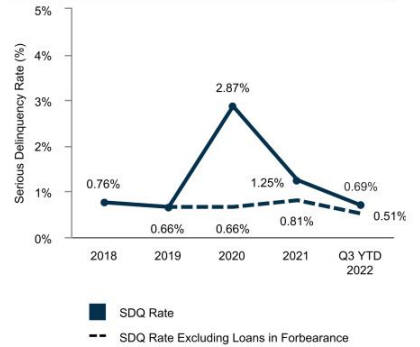
### Mark-to-Market Loan-to-Value (MTMLTV) Ratio<sup>(9)</sup>



### FICO Credit Score<sup>(10)</sup>



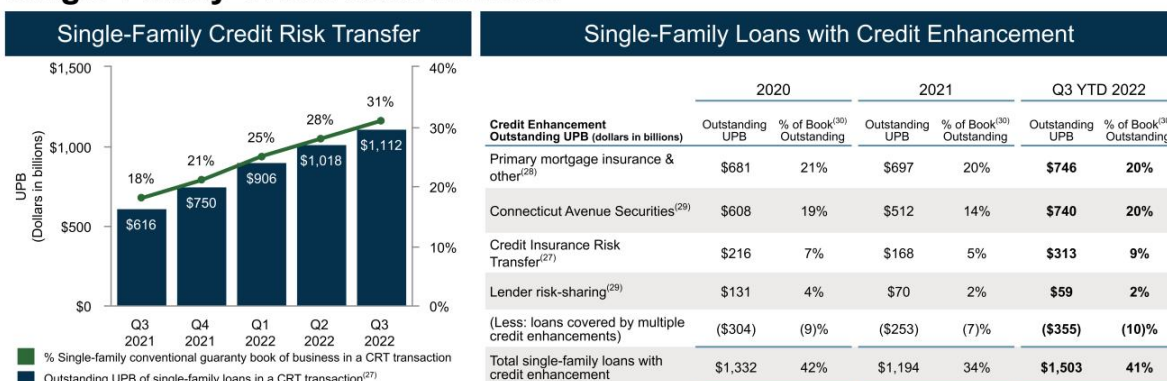
### SDQ Rate<sup>(11)</sup>



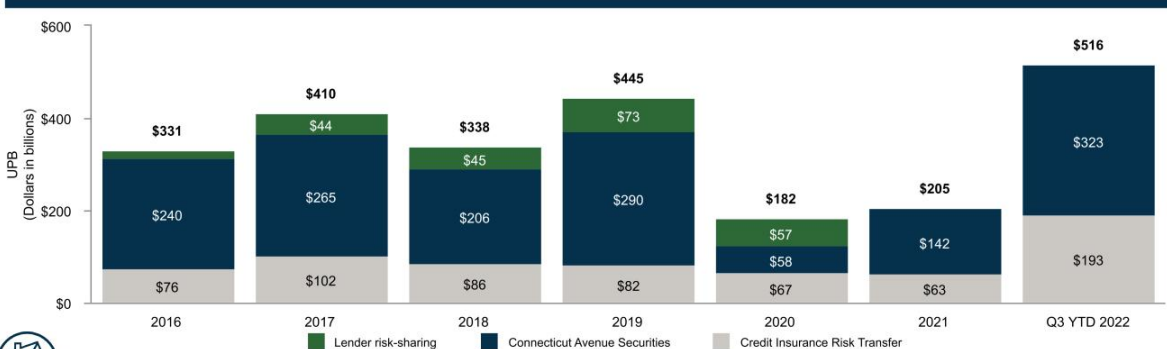
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# Single-Family Credit Risk Transfer



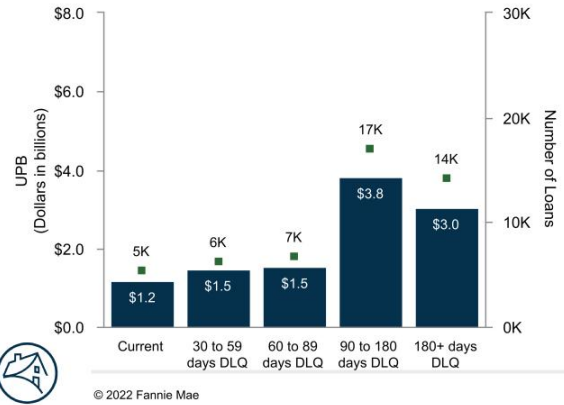
## Single-Family Credit Risk Transfer Issuance



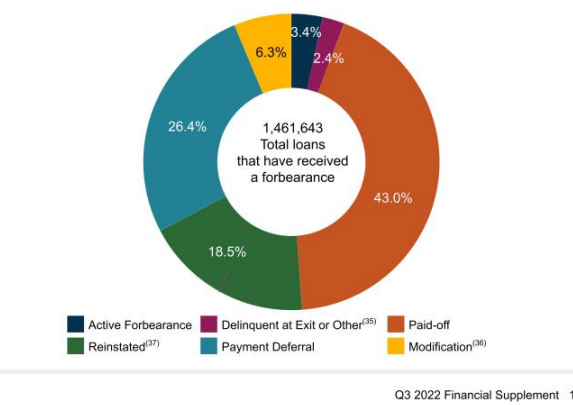
# Single-Family Conventional Guaranty Book of Business in Forbearance

Certain Credit Characteristics of Single-Family Loans in Forbearance <sup>(24)(31)</sup>							
As of September 30, 2022	Origination Year						
	Total	2008 & Earlier	2009-2018	2019	2020	2021	2022
<b>Categories are not mutually exclusive</b>							
Total UPB (Dollars in billions)	\$11.0	\$0.7	\$3.0	\$0.9	\$2.2	\$3.6	\$0.6
Average UPB	\$222,341	\$113,569	\$166,420	\$229,596	\$276,325	\$311,097	\$343,907
Share of Single-Family Conventional Guaranty Book based on Loan Count	0.3%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%
Share of Single-Family Conventional Guaranty Book based on UPB <sup>(32)</sup>	0.3%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%
MTMLTV Ratio > 80% without Mortgage Insurance	0.3%	0.2%	0.0%	0.0%	0.0%	0.1%	0.0%
DTI Ratio > 43% <sup>(20)</sup>	40.3%	2.7%	10.6%	3.7%	7.5%	13.3%	2.5%
FICO Credit Score < 680 <sup>(10)</sup>	30.0%	3.7%	9.5%	2.2%	4.2%	8.6%	1.8%
OLTV Ratio > 95%	9.5%	0.8%	3.7%	1.3%	1.4%	2.0%	0.3%

## Delinquency Status of \$11.0B UPB in Forbearance as of September 30, 2022<sup>(33)</sup>



## Single-Family Loan Forbearance Status<sup>(34)</sup> As of September 30, 2022

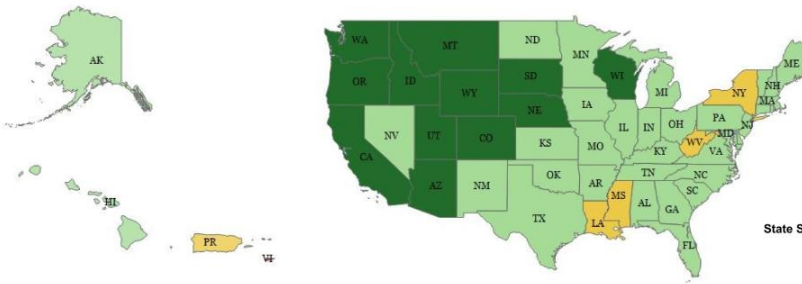




# Single-Family Problem Loan Statistics

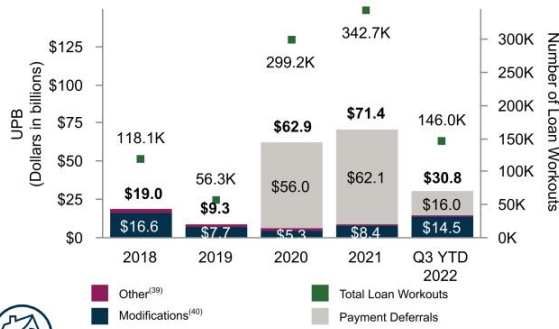
Single-Family Serious Delinquency Rate by State as of September 30, 2022<sup>(11)</sup>

Top 10 States by UPB

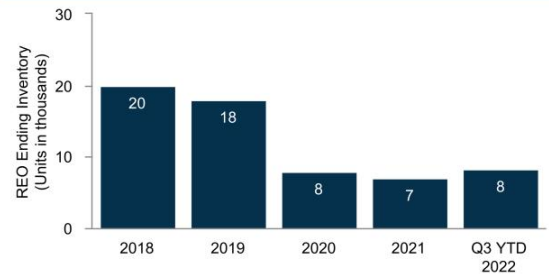


State	Serious Delinquency Rate <sup>(11)</sup>	Average Months to Foreclosure <sup>(38)</sup>
CA	0.48%	32
TX	0.76%	33
FL	0.77%	65
NY	1.28%	73
WA	0.44%	29
CO	0.42%	30
NJ	0.98%	65
IL	0.95%	34
VA	0.57%	28
AZ	0.44%	37

## Single-Family Loan Workouts



## Single-Family REO Ending Inventory

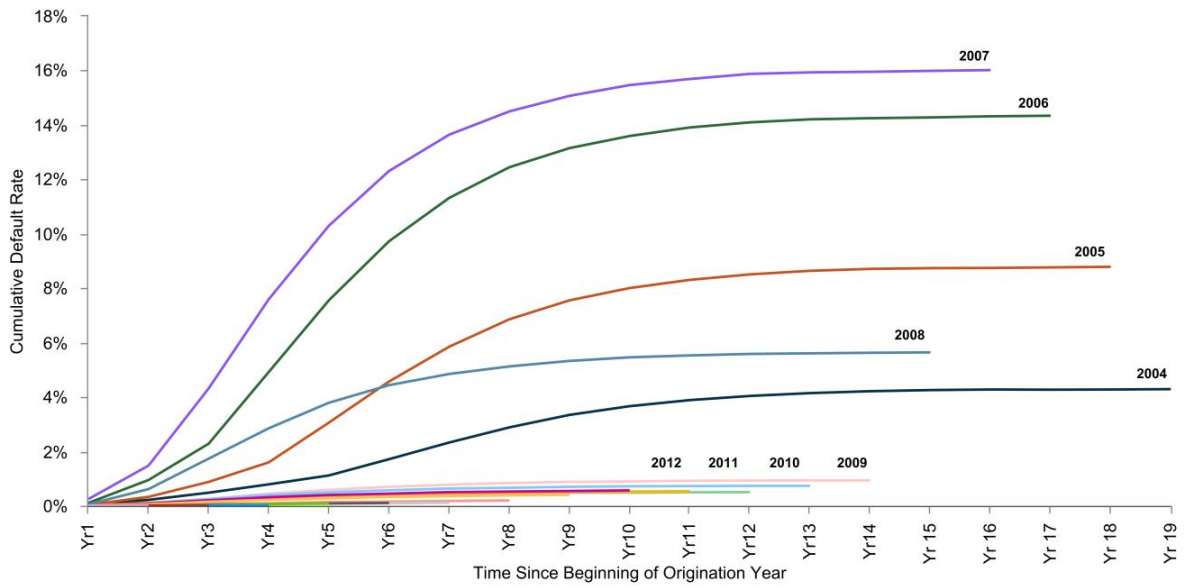


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# Single-Family Cumulative Default Rates

Cumulative Default Rates of Single-Family Conventional Guaranty Book of Business by Origination Year<sup>(54)</sup>



- 2004\*
- 2005\*
- 2006\*
- 2007\*
- 2008\*
- 2009\*\*
- 2010\*\*
- 2011\*\*
- 2012\*\*
- 2013\*\*
- 2014\*\*
- 2015\*\*
- 2016\*\*
- 2017\*\*
- 2018\*\*
- 2019\*\*
- 2020\*\*
- 2021\*\*
- 2022\*\*

\* Loans originated prior to 2009 represent only 2% of the single-family conventional guaranty book of business as of September 30, 2022.  
 \*\*As of September 30, 2022, cumulative default rates on the loans originated in each individual year from 2009-2022 were less than 1%.



# Multifamily Business



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# Multifamily Highlights

## Q3 2022

**\$1,206M**  
Net interest income

**\$22M**  
Fee and other income

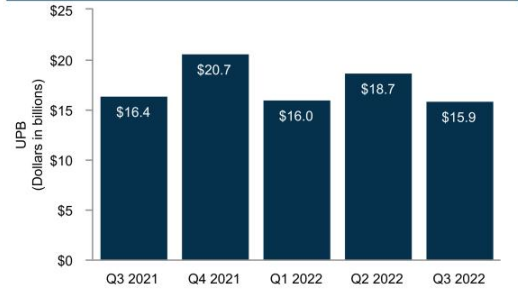
**\$(154)M**  
Credit-related expense

**\$45M**  
Change in expected credit enhancement recoveries

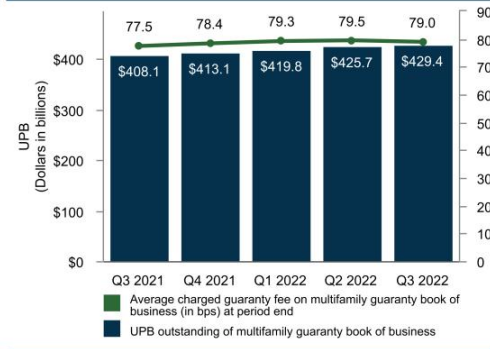
**\$739M**  
Net income



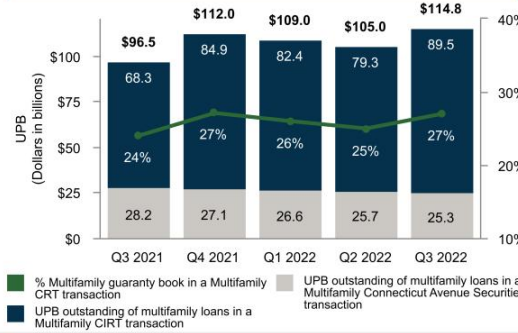
## Multifamily New Business Volume



## Multifamily Guaranty Book of Business<sup>(8)</sup>



## Multifamily Credit Risk Transfer



## Highlights

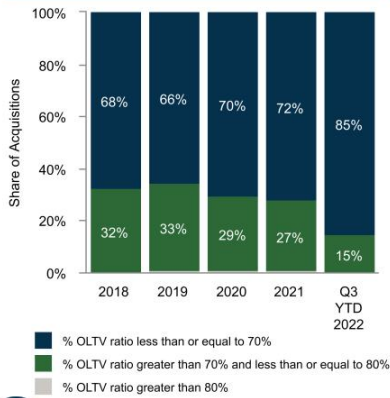
- New multifamily business volume was \$15.9 billion in Q3 2022. The Federal Housing Finance Agency (FHFA) established a 2022 multifamily volume cap of \$78 billion, of which 50% must be mission-driven, focused on certain affordable and underserved market segments, and 25% affordable to residents earning 60% or less of area median income.
- The multifamily guaranty book of business grew by 0.9% in Q3 2022 to \$429.4 billion. The average charged guaranty fee on the multifamily book decreased from 79.5 basis points as of June 30, 2022 to 79.0 basis points as of September 30, 2022.
- The multifamily serious delinquency rate decreased to 0.26% as of September 30, 2022, compared to 0.34% as of June 30, 2022, as recovery from COVID-19 continues. The multifamily serious delinquency rate, excluding loans that have received a forbearance since the start of the pandemic, increased slightly to 0.04% as of September 30, 2022. Multifamily seriously delinquent loans are loans that are 60 days or more past due.

# Credit Characteristics of Multifamily Loan Acquisitions

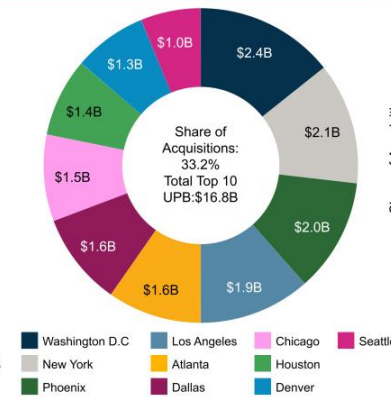
Certain Credit Characteristics of Multifamily Loans by Acquisition Period<sup>(8)</sup>

Categories are not mutually exclusive	2018	2019	2020	2021	Q3 YTD 2022
Total UPB (Dollars in billions)	\$65.4	\$70.2	\$76.0	\$69.5	<b>\$50.6</b>
Weighted-Average OLTV Ratio	65%	66%	64%	65%	<b>60%</b>
Loan Count	3,723	4,113	5,051	4,203	<b>2,695</b>
% Lender Recourse <sup>(41)</sup>	100%	100%	99%	100%	<b>100%</b>
% DUS <sup>(42)</sup>	99%	100%	99%	99%	<b>99%</b>
% Full Interest-Only	33%	33%	38%	40%	<b>51%</b>
Weighted-Average OLTV Ratio on Full Interest-Only Acquisitions	58%	59%	58%	59%	<b>56%</b>
Weighted-Average OLTV Ratio on Non-Full Interest-Only Acquisitions	68%	69%	68%	68%	<b>64%</b>
% Partial Interest-Only <sup>(43)</sup>	53%	56%	50%	50%	<b>40%</b>

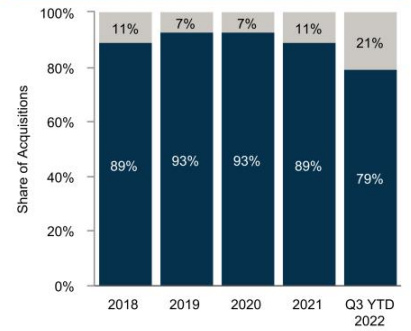
Origination Loan-to-Value Ratio<sup>(8)</sup>



Top 10 MSAs by Q3 YTD 2022 Acquisition UPB<sup>(8)</sup>



Acquisitions by Note Type<sup>(8)</sup>

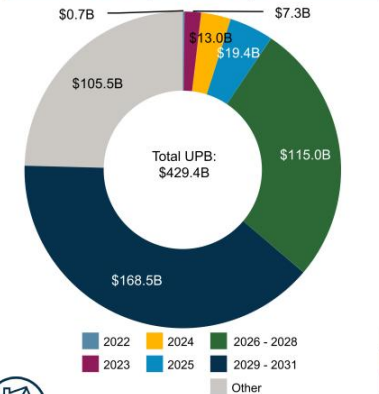


# Credit Characteristics of Multifamily Guaranty Book of Business

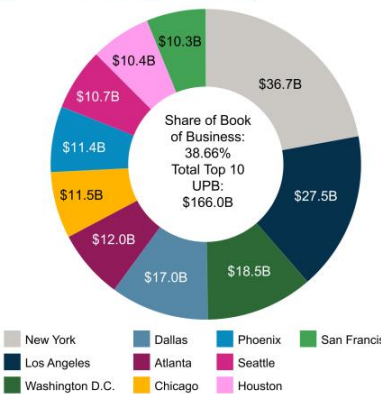
Certain Credit Characteristics of Multifamily Guaranty Book of Business by Acquisition Year, Asset Class, or Targeted Affordable Segment<sup>(8)</sup>

As of September 30, 2022	Acquisition Year								Asset Class or Targeted Affordable Segment				
	Overall Book	2006 & Earlier	2009-2017	2018	2019	2020	2021	2022	Conventional /Co-op <sup>(41)</sup>	Seniors Housing <sup>(44)</sup>	Student Housing <sup>(44)</sup>	Manufactured Housing <sup>(44)</sup>	Privately Owned with Subsidy <sup>(44)</sup>
<b>Categories are not mutually exclusive</b>													
Total UPB (Dollars in billions)	\$429.4	\$6.0	\$118.9	\$51.1	\$63.5	\$71.7	\$67.6	\$50.6	\$378.7	\$16.8	\$14.6	\$19.3	\$50.9
% of Multifamily Guaranty Book	100%	1%	28%	12%	15%	16%	16%	12%	88%	4%	3%	5%	12%
Loan Count	27,929	2,368	7,793	2,775	3,500	4,723	4,078	2,692	25,018	607	591	1,713	3,777
Average UPB (Dollars in millions)	\$15.4	\$2.6	\$15.3	\$18.4	\$18.1	\$15.2	\$16.6	\$18.8	\$15.1	\$27.7	\$24.8	\$11.2	\$13.5
Weighted-Average OLTV Ratio	65%	68%	66%	64%	66%	64%	64%	60%	64%	66%	66%	64%	67%
Weighted-Average DSCR <sup>(46)</sup>	2.2	2.6	2.0	2.0	2.1	2.5	2.4	2.1	2.2	1.6	1.9	2.3	2.0
% Fixed rate	90%	23%	90%	94%	94%	95%	90%	79%	91%	61%	80%	93%	85%
% Full Interest-Only	37%	31%	28%	37%	35%	39%	40%	51%	38%	13%	32%	27%	26%
% Partial Interest-Only <sup>(43)</sup>	49%	19%	50%	51%	56%	49%	50%	40%	48%	61%	61%	58%	45%
% Small Balance Loans <sup>(45)</sup>	39%	90%	42%	27%	34%	36%	26%	24%	39%	12%	21%	50%	45%
% DUS <sup>(42)</sup>	99%	92%	98%	100%	100%	99%	99%	99%	99%	98%	100%	100%	98%
Serious Delinquency Rate <sup>(47)</sup>	0.26%	0.36%	0.67%	0.22%	0.25%	0.05%	0.01%	0.00%	0.18%	0.48%	2.38%	0.08%	0.18%

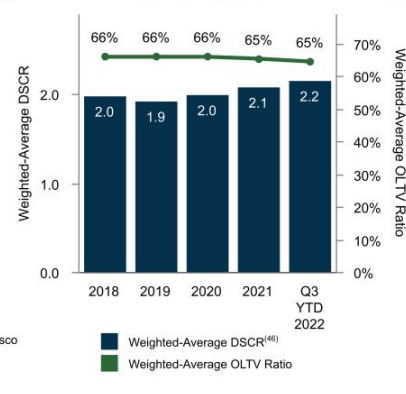
UPB by Maturity Year As of September 30, 2022<sup>(8)</sup>



Top 10 MSAs by UPB As of September 30, 2022<sup>(8)</sup>

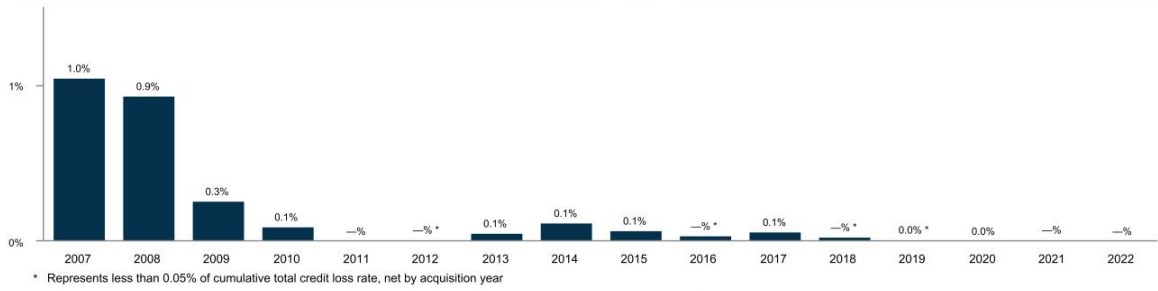


Certain Credit Characteristics of Guaranty Book

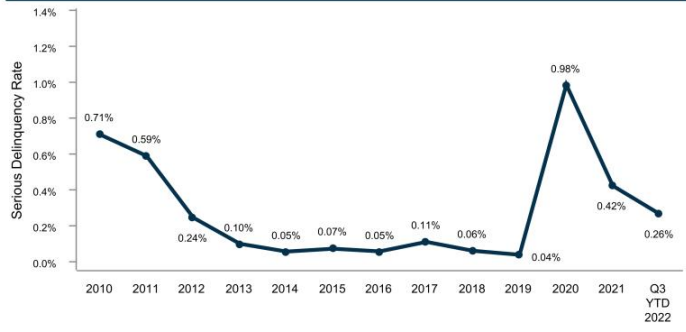


# Multifamily Serious Delinquency, Credit Loss and Forbearance Rates

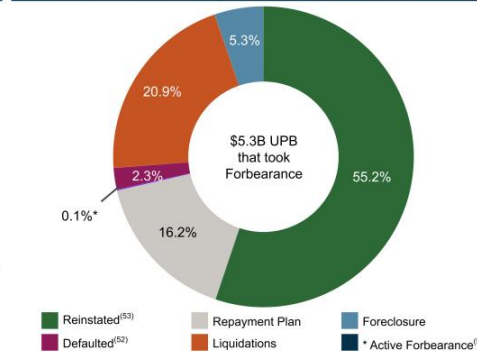
Cumulative Total Credit Loss Rate, Net by Acquisition Year Through Q3 2022<sup>(49)</sup>



## Serious Delinquency Rate<sup>(47)</sup>



## COVID-19-Related Loan Forbearance Status as of September 30, 2022<sup>(50)</sup>



# Endnotes



## Endnotes

- (1) Other expenses, net are comprised of debt extinguishment gains and losses, housing trust fund expenses, loan subservicing costs, servicer fees paid in connection with certain loss mitigation activities, and gains and losses from partnership investments.
- (2) Calculated based upon net worth divided by total assets outstanding at the end of the period.
- (3) Intentionally left blank.
- (4) Intentionally left blank.
- (5) Intentionally left blank.
- (6) Net amortization income refers to the amortization of premiums and discounts on mortgage loans and debt of consolidated trusts. These cost basis adjustments represent the difference between the initial fair value and the carrying value of these instruments as well as upfront fees Fannie Mae receives at the time of loan acquisition. This excludes the amortization of cost basis adjustments resulting from hedge accounting.
- (7) Single-family conventional loan population consists of: (a) single-family conventional mortgage loans of Fannie Mae and (b) single-family conventional mortgage loans underlying Fannie Mae MBS other than loans underlying Freddie Mac securities that Fannie Mae has resecuritized. It excludes non-Fannie Mae single-family mortgage-related securities held in the retained mortgage portfolio for which Fannie Mae does not provide a guaranty. Conventional refers to mortgage loans and mortgage-related securities that are not guaranteed or insured, in whole or in part, by the U.S. government or one of its agencies.
- (8) The multifamily guaranty book of business consists of: (a) multifamily mortgage loans of Fannie Mae; (b) multifamily mortgage loans underlying Fannie Mae MBS; and (c) other credit enhancements that the company provided on multifamily mortgage assets. It excludes non-Fannie Mae multifamily mortgage-related securities held in the retained mortgage portfolio for which Fannie Mae does not provide a guaranty.
- (9) The average estimated mark-to-market LTV ratio is based on the unpaid principal balance of the loan divided by the estimated current value of the property at period end, which the company calculates using an internal valuation model that estimates periodic changes in home value. Excludes loans for which this information is not readily available.
- (10) FICO credit score is as of loan origination, as reported by the seller of the mortgage loan.
- (11) Single-family SDQ rate refers to single-family loans that are 90 days or more past due or in the foreclosure process, expressed as a percentage of the company's single-family conventional guaranty book of business, based on loan count. Single-family SDQ rate for loans in a particular category refers to SDQ loans in the applicable category, divided by the number of loans in the single-family conventional guaranty book of business in that category.
- (12) Total base guaranty fee income is interest income from the guaranty book of business including the impact of a 10 basis point guaranty fee increase implemented in 2012 pursuant to the Temporary Payroll Tax Cut Continuation Act of 2011 and as extended by the Infrastructure Investment and Jobs Act, the incremental revenue from which is remitted to Treasury and not retained by the company.
- (13) Includes interest income from assets held in the company's retained mortgage portfolio and other investments portfolio, as well as other assets used to generate lender liquidity. Also includes interest expense on the company's outstanding corporate debt and Connecticut Avenue Securities<sup>®</sup> debt as well as the impact from hedge accounting.
- (14) Reflects the company's aggregate indebtedness at the end of each period presented measured in unpaid principal balance and excludes effects of cost basis adjustments and debt of consolidated trusts.



## Endnotes

- (15) Cash equivalents are comprised of overnight repurchase agreements and U.S. Treasuries that have a maturity at the date of acquisition of three months or less.
- (16) Refers to the U.S. weekly average fixed-rate mortgage rate according to Freddie Mac's Primary Mortgage Market Survey®. These rates are reported using the latest available data for a given period.
- (17) U.S. Gross Domestic Product ("GDP") annual growth (decline) rates for periods prior to 2022 are based on the annual "percentage change from fourth quarter to fourth quarter one year ago" calculated by the Bureau of Economic Analysis and are subject to revision. GDP rates for periods in 2022 are the annualized GDP rates based on the Third Quarter 2022 (Advance Estimate) published by the Bureau of Economic Analysis on October 27, 2022.
- (18) Home price estimates are based on purchase transactions in Fannie-Freddie acquisition and public deed data available through the end of September 2022. Including subsequent data may lead to materially different results. Home price growth rate is not seasonally adjusted. UPB estimates are based on data available through the end of September 2022, and the top 10 states are reported by UPB in descending order. One-year home price growth rate is for the 12-month period ending September 30, 2022.
- (19) Represents, on an annualized basis, the sum of the base guaranty fees charged during the period for the company's single-family conventional guaranty arrangements plus the recognition of any upfront cash payments relating to these guaranty arrangements based on an estimated average life at the time of acquisition. Excludes the impact of a 10 basis point guaranty fee increase implemented pursuant to the TCCA, the incremental revenue from which is remitted to Treasury and not retained by the company.
- (20) Excludes loans for which this information is not readily available. From time to time, the company revises its guidelines for determining a borrower's DTI ratio. The amount of income reported by a borrower and used to qualify for a mortgage may not represent the borrower's total income; therefore, the DTI ratios reported may be higher than borrowers' actual DTI ratios.
- (21) Refers to HomeReady® mortgage loans, a low down payment mortgage product offered by the company that is designed for creditworthy low-income borrowers. HomeReady allows up to 97% loan-to-value ratio financing for home purchases. The company offers additional low down payment mortgage products that are not HomeReady loans; therefore, this category is not representative of all high LTV ratio single-family loans acquired or in the single-family conventional guaranty book of business for the periods shown. See the "OLTV Ratio > 95%" category for information on the single-family loans acquired or in the single-family conventional guaranty book of business with origination LTV ratios greater than 95%.
- (22) "Refi Plus" refers to loans acquired under Fannie Mae's Refi Plus initiative, which offered refinancing flexibility to eligible Fannie Mae borrowers who were current on their loans and who applied prior to the initiative's December 31, 2018 sunset date. Refi Plus had no limits on maximum LTV ratio and provided mortgage insurance flexibilities for loans with LTV ratios greater than 80%.
- (23) Calculated based on the aggregate unpaid principal balance of single-family loans for each category divided by the aggregate unpaid principal balance of loans in the single-family conventional guaranty book of business. Loans with multiple product features are included in all applicable categories.
- (24) Consists of loans that are in an active forbearance as of September 30, 2022.
- (25) Percentage of loans in the single-family conventional guaranty book of business, measured by unpaid principal balance, included in an agreement used to reduce credit risk by requiring collateral, letters of credit, mortgage insurance, corporate guarantees, inclusion in a credit risk transfer transaction reference pool, or other agreement that provides for Fannie Mae's compensation to some degree in the event of a financial loss relating to the loan.
- (26) Amortized origination loan-to-value ratio is calculated based on the current UPB of a loan at period end, divided by the home price at origination of the loan.
- (27) Includes mortgage pool insurance transactions covering loans with an unpaid principal balance of approximately \$1.3 billion outstanding as of September 30, 2022.
- (28) Refers to loans included in an agreement used to reduce credit risk by requiring primary mortgage insurance, collateral, letters of credit, corporate guarantees, or other agreements to provide an entity with some assurance that it will be compensated to some degree in the event of a financial loss. Excludes loans covered by credit risk transfer transactions unless such loans are also covered by primary mortgage insurance.



## Endnotes

- (29) Outstanding unpaid principal balance represents the underlying loan balance, which is different from the reference pool balance for CAS and some lender risk-sharing transactions.
- (30) Based on the unpaid principal balance of the single-family conventional guaranty book of business as of period end.
- (31) Calculated based on the unpaid principal balance of loans in forbearance with the specific credit characteristic and vintage divided by the total unpaid principal balance of loans in forbearance in that origination year at period end.
- (32) Share of single-family conventional guaranty book based on UPB was calculated based upon the unpaid principal balance of loans in forbearance by vintage divided by the total unpaid principal balance of the single-family conventional guaranty book of business at period end.
- (33) Pursuant to the Coronavirus Aid, Relief, and Economic Security Act (the "CARES Act"), for purposes of reporting to the credit bureaus, servicers must report a borrower receiving a COVID-19-related payment accommodation, such as a forbearance plan or loan modification, as current if the borrower was current prior to receiving the accommodation and the borrower makes all required payments in accordance with the accommodation. For purposes of the company's disclosures regarding delinquency status, loans receiving COVID-19-related payment forbearance are reported as delinquent according to the contractual terms of the loan.
- (34) As a part of the company's relief programs and pursuant to the CARES Act, the company has authorized servicers to permit payment forbearance to borrowers experiencing a COVID-19-related financial hardship for up to 12 months without regard to the delinquency status of the loan, and for borrowers already in forbearance as of February 28, 2021, for a total of up to 18 months, provided that the forbearance does not result in the loan becoming greater than 18 months delinquent.
- (35) Consists of 35,871 loans that were delinquent upon the expiration of the forbearance arrangement and 826 loans that exited forbearance through a repayment plan.
- (36) Includes loans that are in trial modifications.
- (37) Represents single-family loans that are no longer in forbearance and are current according to the original terms of the loan. Also includes loans that remained current throughout the forbearance arrangement and continue to perform.
- (38) Measured from the borrowers' last paid installment on their mortgages to when the related properties were added to the company's REO inventory for foreclosures completed during the nine months ended September 30, 2022. Home Equity Conversion Mortgages insured by the Department of Housing and Urban Development are excluded from this calculation.
- (39) Includes repayment plans and foreclosure alternatives. Repayment plans reflect only those plans associated with loans that were 60 days or more delinquent. Beginning with the year ended December 31, 2020, completed forbearance arrangements are excluded.
- (40) There were approximately 18,200 loans in a trial modification period that was not complete as of September 30, 2022.
- (41) Represents the percentage of loans with lender risk-sharing agreements in place, measured by unpaid principal balance.
- (42) Under the Delegated Underwriting and Servicing ("DUS") program, Fannie Mae acquires individual, newly originated mortgages from specially approved DUS lenders using DUS underwriting standards and/or DUS loan documents. Because DUS lenders generally share the risk of loss with Fannie Mae, they are able to originate, underwrite, close and service most loans without a pre-review by the company.
- (43) Includes any loan that was underwritten with an interest-only term less than the term of the loan, regardless of whether it is currently in its interest-only period.



## Endnotes

- (44) See <https://multifamily.fanniemae.com/financing-options/products> for definitions. Loans with multiple product features are included in all applicable categories.
- (45) Small balance loans refers to multifamily loans with an original unpaid balance of up to \$6 million nationwide.
- (46) Weighted-average debt service coverage ratio, or "DSCR", is calculated using the latest available income information from annual statements for these properties. When operating statement information is not available, the DSCR at the time of acquisition is used. If both are unavailable, the underwritten DSCR is used. Although the company uses the most recently available results from their multifamily borrowers, there is a lag in reporting, which typically can range from three to six months, but in some cases may be longer. Co-op loans are excluded from this metric.
- (47) Multifamily serious delinquency rate refers to multifamily loans that are 60 days or more past due, expressed as a percentage of the company's multifamily guaranty book of business, based on unpaid principal balance. Multifamily serious delinquency rate for loans in a particular category (such as acquisition year, asset class or targeted affordable segment), refers to seriously delinquent loans in the applicable category, divided by the unpaid principal balance of the loans in the multifamily guaranty book of business in that category.
- (48) The Multifamily Affordable Business Channel focuses on financing properties that are under an agreement that provides long-term affordability, such as properties with rent subsidies or income restrictions. The parameters to qualify under Privately Owned with Subsidy were expanded in Q3 2021, resulting in an increase in properties classified as targeted affordable volume.
- (49) Cumulative net credit loss rate is the cumulative net credit losses (gains) through September 30, 2022 on the multifamily loans that were acquired in the applicable period, as a percentage of the total acquired unpaid principal balance of multifamily loans in the applicable period. Net credit losses include expected benefit of freestanding loss-sharing benefit, primarily multifamily DUS lender risk-sharing transactions.
- (50) Displays the status and percentage of UPB as of current period end of the multifamily loans in the guaranty book of business that have received a COVID-19-related forbearance since the onset of the COVID-19 pandemic, including loans that liquidated prior to period end.
- (51) There is one multifamily loan in the guaranty book of business that received a COVID-19-related forbearance since the onset of the COVID-19 pandemic that remains in an active forbearance as of September 30, 2022.
- (52) Includes loans that are no longer in forbearance and are not on a repayment plan. Loans in this population may proceed to other loss mitigation activities, such as foreclosure or modification.
- (53) Represents multifamily loans that are no longer in forbearance and are current according to the original terms of the loan.
- (54) Defaults include loan foreclosures, short sales, sales to third parties at the time of foreclosure and deeds-in-lieu of foreclosure. Cumulative Default Rate is the total number of single-family conventional loans in the guaranty book of business originated in the identified year that have defaulted, divided by the total number of single-family conventional loans in the guaranty book of business originated in the identified year. Data as of September 30, 2022 is not necessarily indicative of the ultimate performance of the loans and performance may change, perhaps materially, in future periods.



