

Cautionary Notice Regarding Forward-Looking Statements

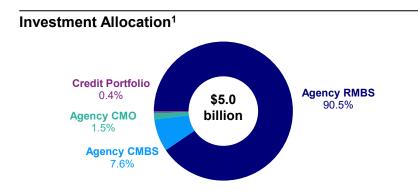
This presentation and comments made in the associated conference call, may include statements and information that constitute "forward-looking statements" within the meaning of the U.S. securities laws as defined in the Private Securities Litigation Reform Act of 1995, and such statements are intended to be covered by the safe harbor provided by the same. Forward-looking statements include our views on the risk positioning of our portfolio, domestic and global market conditions (including the mortgage-backed securities, residential and commercial real estate markets), the market for our target assets, our financial performance, including our earnings available for distribution, economic return, comprehensive income and changes in our book value, our intention and ability to pay dividends, our ability to continue performance trends, the stability of portfolio yields, interest rates, credit spreads, prepayment trends, financing sources, cost of funds, our leverage and equity allocation. In addition, words such as "believes," "expects," "anticipates," "intends," "plans," "estimates," "projects," "forecasts," and future or conditional verbs such as "will," "may," "could," "should," and "would" as well as any other statement that necessarily depends on future events, are intended to identify forward-looking statements.

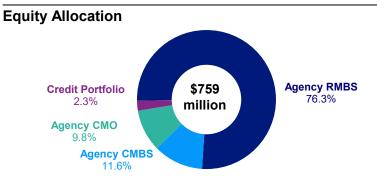
Forward-looking statements are not guarantees, and they involve risks, uncertainties and assumptions. There can be no assurance that actual results will not differ materially from our expectations. We caution investors not to rely unduly on any forward-looking statements and urge you to carefully consider the risks identified under the captions "Risk Factors," "Forward-Looking Statements" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" in our annual report on Form 10-K and quarterly reports on Form 10-Q, which are available on the Securities and Exchange Commission's website at www.sec.gov.

All written or oral forward-looking statements that we make, or that are attributable to us, are expressly qualified by this cautionary notice. We expressly disclaim any obligation to update the information in any public disclosure if any forward-looking statement later turns out to be inaccurate.

Invesco Mortgage Capital Inc.

Q2 2024 Results





Financial results

- Net loss per common share of \$0.38
- Earnings available for distribution per common share of \$0.862
- Book value per common share of \$9.27³
- Dividend per common share of \$0.40
- Economic return of (4.1%)³

Company activity

- Issued \$16.1 million of common stock under the at-the-market program
- Repurchased preferred stock with a carrying value of \$3.6 million
- Held \$446 million of unrestricted cash and unencumbered investments at quarter end

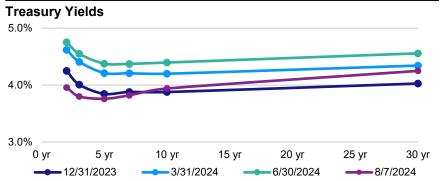
- 1. Agency RMBS includes specified pools at fair value and TBAs at implied cost. Credit portfolio includes non-Agency CMBS and non-Agency RMBS
- 2. Earnings available for distribution is a non-GAAP financial measure. Refer to Appendix for additional information
- 3. Refer to Appendix for additional information

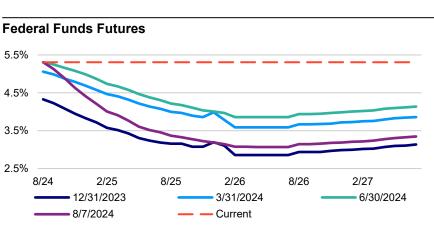
Past performance is not a guarantee of future results

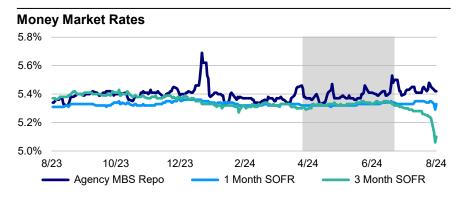
Macro Environment

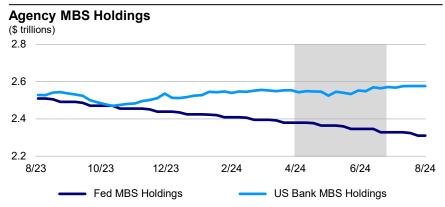
Invesco Mortgage Capital Inc.

Interest rates rose across the yield curve as investor expectations for looser fiscal policy took hold; Spreads on repurchase agreements widened given concerns about increased Treasury supply



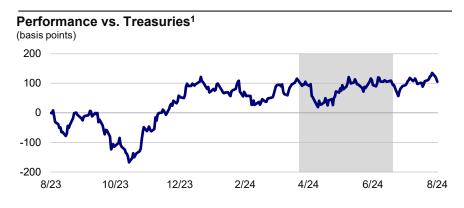


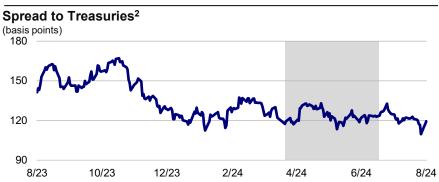


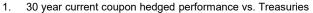


Agency RMBS Market

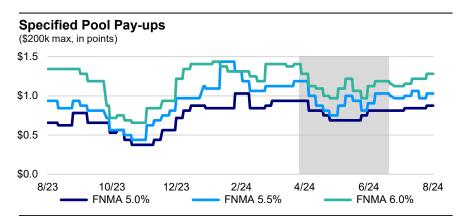
Valuations rebounded from a poor start to the quarter as the disinflationary trend in economic data resumed, but weakened into quarter end given an increase in interest rate volatility

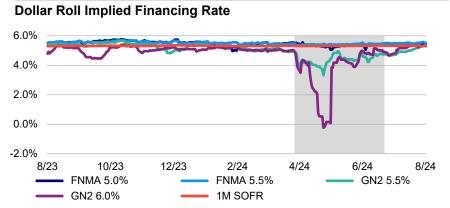




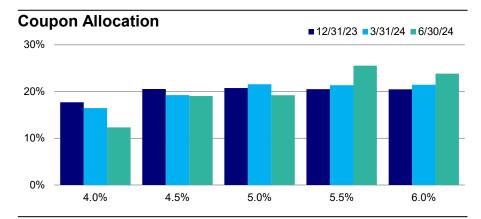


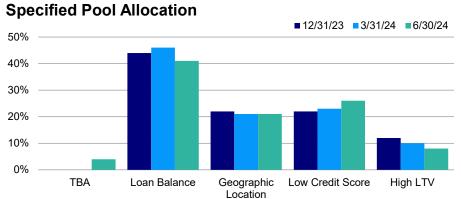
^{2. 30} year current coupon zero volatility spread to Treasuries





Agency RMBS Investments





Agency RMBS investment portfolio includes specified pools at fair value and TBAs at implied cost.

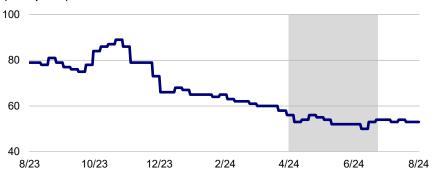
- Agency RMBS investment portfolio declined slightly to \$4.6 billion in Q2 2024
 - Sold \$158 million net in specified pools
 - Sales concentrated in lower coupon holdings given less attractive valuations lower in the coupon stack
 - Remained focused in higher coupon specified pools, which should benefit from a potential decline in interest rate volatility
 - Maintained diversification across specified pool characteristics
 - Added \$200 million notional in Agency TBA given attractive implied financing rates in higher coupons
- Q2 2024 specified pool characteristics
 - 6.2% CPR
 - Weighted average coupon of 5.1%
 - Amortized cost to principal balance ratio of 97.2%
 - Period-end weighted average specified pool pay-up of 0.5 points

Agency CMBS Investments

Allocation





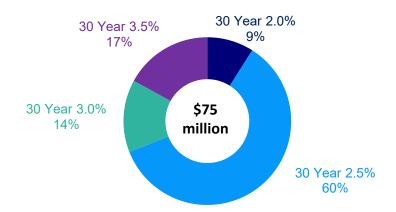


- Added \$120 million of Fannie Mae Delegated Underwriting and Servicing MBS (Fannie DUS) and Freddie Mac Multi-Family Participation Certificates (Freddie Multi PCs) in Q2 2024
- Benefit from a guarantee of principal and interest from the issuing agency or federally chartered corporation
- Less sensitive to interest rate volatility than Agency RMBS given:
 - Prepayment protection
 - Balloon payments at maturity
- Favorable financing terms with multiple counterparties
- Agency CMBS risk premiums contracted over the quarter given limited new issuance and continued investor demand

Fannie DUS 10/9.5 spread data as of 8/7/2024 Source: JP Morgan DataQuery

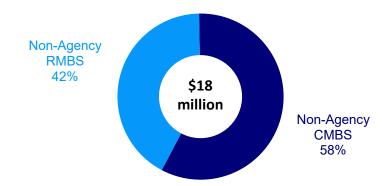
Agency CMO and Credit Investments

Agency CMO Allocation



- Q2 2024 Agency CMO characteristics
 - All investments are interest only securities
 - 4.6% CPR
 - Period-end weighted average yield of 9.94%
 - Period-end weighted average coupon of 2.58%

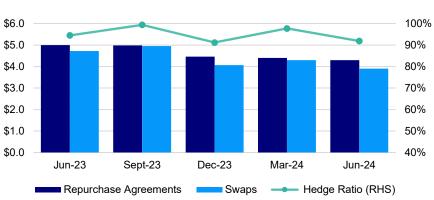
Credit Allocation



- 70% of credit securities are rated double-A or higher
- Non-Agency CMBS investment is collateralized by loans benefitting from property type diversification
- Favorable subordination levels support credit investment valuations

Financing & Hedging





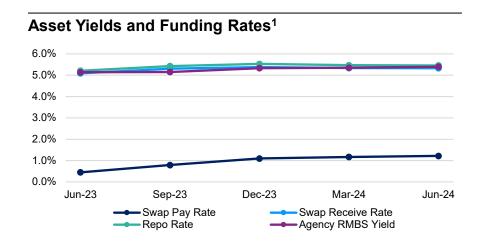
Swap Portfolio Composition

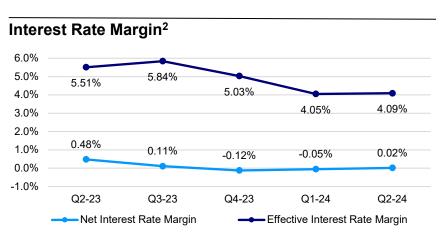
Maturities	Notional Amount (\$ millions)	Fixed Pay Rate ²	Floating Receive Rate ²	Years to Maturity ²
Less than 3 years	180	0.48%	5.33%	1.6
3 to 5 years	1,375	0.29%	5.33%	3.3
5 to 7 years	1,150	0.55%	5.33%	6.1
7 to 10 years	565	3.87%	5.33%	9.7
10+ years	645	2.25%	5.33%	18.8
Total	3,915	1.22%	5.33%	7.5

- Financed Agency RMBS and Agency CMBS investments with repurchase agreements across 21 counterparties
- Hedged 92% of borrowing costs with \$3.9 billion notional pay-fixed / receive-floating interest rate swaps at quarter end
- Debt-to-equity of 5.6x and economic debt-to-equity ratio³ of 5.9x at guarter end

- 1. Chart reflects carrying value of repurchase agreement borrowings and notional amount of interest rate swaps
- Represents period-end weighted average as of June 30, 2024
- Economic debt-to-equity ratio is a non-GAAP financial measure. Refer to Appendix for additional detail

Interest Rate Margin





- Interest rate swaps largely mitigate changes in repurchase agreement cost of funds
- · Swap pay rate increased due to swap repositioning in connection with portfolio activity
- Effective interest rate margin² continues to benefit from low-cost pay-fixed swaps

2. Effective Interest Rate Margin is a non-GAAP financial measure. Refer to Appendix for additional detail

^{1.} Agency RMBS Yield and Repo Rate reflect the period-end weighted average asset yields and weighted average cost of funds for Agency RMBS, respectively. The Swap Pay Rate and Swap Receive Rate are the weighted average rate on the pay fixed / receive floating interest rate swaps.

The Company's business objective is to provide attractive risk-adjusted returns to its stockholders, primarily through dividends and secondarily through capital appreciation. The Company uses earnings available for distribution as a measure of its investment portfolio's ability to generate income for distribution to common stockholders and to evaluate its progress toward meeting this objective. The Company calculates earnings available for distribution as U.S. GAAP net income (loss) attributable to common stockholders adjusted for (gain) loss on investments, net; realized (gain) loss on derivative instruments, net; TBA dollar roll income; gain on repurchase and retirement of preferred stock; foreign currency gains (losses), net and amortization of net deferred (gain) loss on de-designated interest rate swaps.

By excluding the gains and losses discussed above, the Company believes the presentation of earnings available for distribution provides a consistent measure of operating performance that investors can use to evaluate its results over multiple reporting periods and, to a certain extent, compare to its peer companies. However, because not all of the Company's peer companies use identical operating performance measures, the Company's presentation of earnings available for distribution may not be comparable to other similarly titled measures used by its peer companies. The Company excludes the impact of gains and losses when calculating earnings available for distribution because (i) when analyzed in conjunction with its U.S. GAAP results, earnings available for distribution provides additional detail of its investment portfolio's earnings capacity and (ii) gains and losses are not accounted for consistently under U.S. GAAP. Under U.S. GAAP, certain gains and losses are reflected in net income whereas other gains and losses are reflected in other comprehensive income. For example, a portion of the Company's mortgage-backed securities are recorded in other comprehensive income on its condensed consolidated balance sheets. The Company elected the fair value option for its mortgage-backed securities purchased on or after September 1, 2016, and changes in the valuation of these securities are recorded in other income (loss) in the condensed consolidated statements of operations. In addition, certain gains and losses represent one-time events. The Company may add and has added additional reconciling items to its earnings available for distribution calculation as appropriate.

To maintain qualification as a REIT, U.S. federal income tax law generally requires that the Company distribute at least 90% of its REIT taxable income annually, determined without regard to the deduction for dividends paid and excluding net capital gains. Because the Company views earnings available for distribution as a consistent measure of its investment portfolio's ability to generate income for distribution to common stockholders, earnings available for distribution is one metric, but not the exclusive metric, that the Company's board of directors uses to determine the amount, if any, and the payment date of dividends on common stock. However, earnings available for distribution should not be considered as an indication of the Company's taxable income, a guaranty of its ability to pay dividends or as a proxy for the amount of dividends it may pay, as earnings available for distribution excludes certain items that impact its cash needs.

Earnings available for distribution is an incomplete measure of the Company's financial performance and there are other factors that impact the achievement of the Company's business objective. The Company cautions that earnings available for distribution should not be considered as an alternative to net income (determined in accordance with U.S. GAAP) or as an indication of the Company's cash flow from operating activities (determined in accordance with U.S. GAAP), a measure of the Company's liquidity or as an indication of amounts available to fund its cash needs.

Invesco Mortgage Capital Inc.

The table below provides a reconciliation of U.S. GAAP net income (loss) attributable to common stockholders to earnings available for distribution for the following periods:

Three Months Ended						
Jur	ne 30, 2024	Mar	ch 31, 2024	June 30, 2023		
\$	(18,766)	\$	23,730	\$	(1,398)	
	45,212		66,153		99,679	
	22,344		(48,682)		(26,946)	
	(7,335)		808		(6,241)	
	1,078		-		-	
	(208)		(193)		(364)	
	-		-		(27)	
	-		-		(3,201)	
	61,091		18,086		62,900	
\$	42,325	\$	41,816	\$	61,502	
\$	(0.38)	\$	0.49	\$	(0.03)	
\$	0.86	\$	0.86	\$	1.45	
	\$ \$ \$ \$	45,212 22,344 (7,335) 1,078 (208) - - - 61,091 \$ 42,325 \$ (0.38)	June 30, 2024 Mare \$ (18,766) \$ 45,212 22,344 (7,335) 1,078 (208) 61,091 \$ 42,325 \$ \$ (0.38) \$	June 30, 2024 March 31, 2024 \$ (18,766) \$ 23,730 45,212 66,153 22,344 (48,682) (7,335) 808 1,078 - (208) (193) - - - - - - 61,091 18,086 \$ 42,325 \$ 41,816 \$ (0.38) \$ 0.49	June 30, 2024 March 31, 2024 June 30, 2024 \$ (18,766) \$ 23,730 \$ 45,212 66,153 (48,682) (7,335) 808 - 1,078 - - (208) (193) - - - - 61,091 18,086 \$ \$ 42,325 \$ 41,816 \$ \$ (0.38) \$ 0.49 \$	

^{1.} Earnings available for distribution per common share is equal to earnings available for distribution divided by the basic weighted average number of common shares outstanding.

The table below provides the components of earnings available for distribution for the following periods:

\$ in thousands, except per share data		e 30, 2024	Marc	ch 31, 2024	June 30, 2023		
Interest income	\$	68,028	\$	68,583	\$	71,428	
Interest expense		59,393		61,580		59,022	
Net interest income		8,635		7,003		12,406	
Less: Amortization of net deferred (gain) loss on de-designated interest rate swaps		-		-		(3,201)	
Add: Contractual net interest income (expense) on interest rate swaps recorded as gain (loss) on derivative instruments, net		43,271		45,287		63,437	
Effective net interest income		51,906		52,290		72,642	
TBA dollar roll income		1,078		-		-	
Equity in earnings (losses) of unconsolidated ventures		-		(193)		-	
(Increase) decrease in provision for credit losses		(263)		(39)		(169)	
Total expenses		(4,888)		(4,657)		(5,131)	
Subtotal		47,833		47,401		67,342	
Dividends to preferred stockholders		(5,508)		(5,585)		(5,840)	
Earnings available for distribution	\$	42,325	\$	41,816	\$	61,502	
Basic income (loss) per common share	\$	(0.38)	\$	0.49	\$	(0.03)	
Earnings available for distribution per common share ¹	\$	0.86	\$	0.86	\$	1.45	

^{1.} Earnings available for distribution per common share is equal to earnings available for distribution divided by the basic weighted average number of common shares outstanding.

The table below reconciles U.S. GAAP net interest income to effective net interest income and net interest rate margin to effective interest rate margin for the following periods:

					Three Mo	nths Ended				
	June	e 30 ,	Marc	ch 31,	Decem	nber 31,	Septen	nber 30,	June	e 30,
	2024		20	2024 2023		20)23	2023		
		Net Interest	,	Net Interest		Net Interest		Net Interest		Net Interest
		Rate Margin /								
		Effective								
		Interest Rate								
\$ in thousands	Reconciliation	Margin								
Net interest income	8,635	0.02%	7,003	-0.05%	8,302	-0.12%	9,431	0.11%	12,406	0.48%
Less: Amortization of net										
deferred (gain) loss on de-	-	0.00%	-	0.00%	(900)	-0.09%	(1,810)	-0.15%	(3,201)	-0.27%
designated interest rate swaps										
Add: Contractual net interest income (expense) on interest rate swaps recorded as gain (loss) on	43,271	4.07%	45,287	4.10%	48,981	5.24%	72,126	5.88%	63,437	5.30%
derivative instruments, net										
Effective net interest income	\$ 51,906	4.09%	\$ 52,290	4.05%	\$ 56,383	5.03%	\$ 79,747	5.84%	\$ 72,642	5.51%

Appendix - Definitions

Agency CMO – Interest Only - An interest only security is created by separating the principal and interest portions of the payments on the underlying loan pool and selling them as distinct products. The investor in the interest only security benefits when the prepayment rate on the underlying debt is low and interest rates are rising.

Agency RMBS – Residential mortgage-backed securities ("RMBS") that are guaranteed by a U.S. government agency such as the Government National Mortgage Association ("Ginnie Mae") or a federally chartered corporation such as the Federal National Mortgage Association ("Fannie Mae") or the Federal Home Loan Mortgage Corporation ("Freddie Mac")

Book value per common share – Total stockholders' equity less the liquidation preference of the Company's Series B Preferred Stock (\$106.2 million) and Series C Preferred Stock (\$183.6 million), divided by total common shares outstanding

Credit portfolio - Investments in non-Agency CMBS, non-Agency RMBS, and an unconsolidated joint venture are included in credit portfolio

CPR - The constant prepayment rate is the standard measure of prepayment speeds, also known as the conditional prepayment rate

Dollar Roll Implied Financing Rate - The reinvestment rate at which an investor is indifferent between rolling a TBA contract forward and holding MBS

Economic return – Economic return for quarter ended June 30, 2024 is defined as the change in book value per common share from March 31, 2024 to June 30, 2024 of (\$0.81) plus dividends declared of \$0.40 per common share; divided by the March 31, 2024 book value per common share of \$10.08

Economic debt-to-equity ratio – A non-GAAP financial measure calculated as the ratio of total repurchase agreements (\$4.3 billion as of June 30, 2024) and TBAs at implied cost basis (\$0.2 billion as of June 30, 2024) to total stockholders' equity (\$759.2 million as of June 30, 2024)

Non-Agency CMBS - Commercial mortgage-backed securities that are not guaranteed by a U.S. government agency or a federally chartered corporation

Non-Agency RMBS - Residential mortgage-backed securities that are not guaranteed by a U.S. government agency or a federally chartered corporation

The Secured Overnight Financing Rate (SOFR) - A broad measure of the cost of borrowing cash overnight collateralized by Treasury securities

1 month and 3 month SOFR – Indices published by the Chicago Mercantile Exchange (CME) that provide an indication of the forward-looking measurement of overnight SOFR, based on market expectations for their respective tenors implied from derivatives markets

TBAs - To-be-announced securities forward contracts

IVR Invesco Mortgage Capital Inc.