# C H E R R Y H I L L 

 MORTGAGE INVESTMENT CORPORATION
## Investor Presentation

Fourth Quarter 2022

FORWARD-LOOKING STATEMENTS. Certain statements in this presentation may constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including without limitation references to potential or expected future cash flows, estimated or expected returns, sometimes referred to as initial IRR, updated IRR, expected IRR, lifetime IRR, life-to-date IRR or current-to-maturity IRR, potential discount rates, potential future investments, expected yields, potential or implied investment multiples, potential or projected future cash flows, expected CRR, CDR, Loss Severities, Loss Rates and Delinquencies. These statements are based on management's current expectations and beliefs and are subject to a number of risks, trends and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements, many of which are beyond our control. Cherry Hill Mortgage Investment Corporation (the "Company") can give no assurance that its expectations will be attained. Accordingly, you should not place undue reliance on any forward-looking statements contained in this presentation. Risks and uncertainties emerge from time to time, and it is not possible for the Company to predict or assess the impact of every factor that may cause its actual results to differ from those contained in any forward-looking statements. For a description of factors that may cause actual results or performance to differ from the forward-looking statements in this presentation, please review the information under the heading "Risk Factors" in the Company's Annual Report on Form 10-K for the year ended December 31, 2022, and in other documents filed by the Company with the SEC. The Company's forward-looking statements speak only as of the date of this presentation. The Company expressly disclaims any obligation to release publicly any updates or revisions to any forward-looking statements contained herein to reflect any change in the Company's expectations with regard thereto or change in events, conditions or circumstances on which any statement is based.

CAUTIONARY NOTE REGARDING EXPECTED RETURNS AND EXPECTED YIELDS. Expected returns and expected yields are presented for illustrative purposes only and are estimates of the annualized effective rate of return that we presently expect to be earned over the expected average life of an investment (i.e., IRR), after giving effect, in the case of returns, to existing leverage and existing hedging costs, and calculated on a weighted average basis. Expected returns and expected yields reflect our estimates of an investment's coupon, amortization of premium or discount, and costs and fees, as well as our assumptions regarding prepayments, defaults and loan losses, among other things. In the case of Servicing Related Assets, these assumptions include, but are not limited to, recapture rates, prepayment rates and delinquency rates. Income recognized by the Company in future periods may be significantly less than the income that would have been recognized if an expected return or expected yield were actually realized, and the estimates we use to calculate expected returns and expected yields could differ materially from actual results. Statements about expected returns and expected yields in this presentation are forward-looking statements. You should carefully read the cautionary statement above under the caption "Forward-looking Statements," which directly applies to our discussion of expected returns and expected yields.

PAST PERFORMANCE. Past performance is not a reliable indicator of future results and should not be relied upon for any reason.

## Fourth Quarter 2022 Highlights

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MORTGAGE INVESTMENT CORPORATION

## Financial Results

\$6.06 book value per common share ${ }^{1}$

- 0.2\% increase, net of 4Q22 dividend
$\$ 0.27$ dividend per share declared and paid ${ }^{2}$
4.6\% total quarterly economic gain ${ }^{3}$

EAD of $\mathbf{\$ 0 . 2 4}$ per share ${ }^{4}$

## Portfolio Update

3.8x leverage ratio for aggregate portfolio
3.8\% net interest spread for RMBS

## 3.8\% CPR for RMBS ${ }^{5}$

5.4\% net CPR for MSRs ${ }^{5}$

Note: Figures presented are rounded. As of December 31, 2022, unless noted otherwise.

1. Based on 23,508,130 common shares outstanding at December 31, 2022.
2. Fourth Quarter $2022 \$ 0.27$ dividend was paid in cash on January 31, 2023 to stockholders of record on December 31, 2022.
3. Total economic gain for the quarter ended December 31, 2022 is defined as the increase in book value from September 30, 2022 to December 31, 2022 of $\$ 0.01$, plus the dividend
declared of $\$ 0.27$ per share, divided by September 30, 2022 book value of $\$ 6.05$ per share.
4. Based on 21, 682,287 fully diluted weighted average common shares outstanding during the three-month period ended December 31, 2022.
5. Weighted average CPR for the three-month period ended December 31, 2022.

## Market Trends ${ }^{1}$

|  |  |  |  |  |  |  |  | Mortgage Dollar Price Changes |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | U.S. Treasuries - Yield Changes |  |  |  |  |  |  | 30 Year MBS |  |  |  |  |  | 15 Year MBS |  |  |
|  | 2 yr | 3 yr | 5 yr | 7 yr | 10yr | 20yr | 30 yr | 3.50\% | 4.00\% | 4.50\% | 5.00\% | 5.50\% | 6.00\% | 4.00\% | 4.50\% | 5.00\% |
| December 31, 2021 | 0.7340 | 0.9580 | 1.2640 | 1.4370 | 1.5120 | 1.9350 | 1.9040 | \$104.902 | \$106.438 | \$107.219 | \$108.938 | \$108.219 | \$107.844 | \$105.531 | \$104.219 | \$104.375 |
| March 31, 2022 | 2.3370 | 2.5130 | 2.4620 | 2.4320 | 2.3410 | 2.6030 | 2.4500 | \$100.137 | \$102.125 | \$103.750 | \$105.219 | \$105.500 | \$105.219 | \$102.813 | \$104.063 | \$102.500 |
| June 30, 2022 | 2.9530 | 3.0080 | 3.0380 | 3.0680 | 3.0130 | 3.4340 | 3.1830 | \$96.313 | \$98.750 | \$100.531 | \$102.156 | \$103.813 | \$104.906 | \$100.938 | \$102.125 | \$102.938 |
| September 30, 2022 | 4.2790 | 4.2880 | 4.0900 | 3.9810 | 3.8290 | 4.0880 | 3.7760 | \$89.938 | \$92.719 | \$95.219 | \$97.375 | \$99.438 | \$101.594 | \$96.469 | \$98.094 | \$100.250 |
| December 31, 2022 | 4.4260 | 4.2240 | 4.0040 | 3.9650 | 3.8750 | 4.1440 | 3.9630 | \$91.063 | \$93.969 | \$96.531 | \$98.719 | \$100.406 | \$101.656 | \$94.781 | \$99.500 | \$100.688 |
| 1Q22 Change | 1.6030 | 1.5550 | 1.1980 | 0.9950 | 0.8290 | 0.6680 | 0.5460 | (\$4.766) | (\$4.313) | (\$3.469) | (\$3.719) | (\$2.719) | (\$2.625) | (\$2.719) | (\$0.156) | (\$1.875) |
| 2Q22 Change | 0.6160 | 0.4950 | 0.5760 | 0.6360 | 0.6720 | 0.8310 | 0.7330 | (\$3.824) | (\$3.375) | (\$3.219) | (\$3.063) | (\$1.688) | (\$0.313) | (\$1.875) | (\$1.938) | \$0.438 |
| 3Q22 Change | 1.3260 | 1.2800 | 1.0520 | 0.9130 | 0.8160 | 0.6540 | 0.5930 | (\$6.375) | (\$6.031) | (\$5.313) | (\$4.781) | (\$4.375) | (\$3.313) | (\$4.469) | (\$4.031) | (\$2.688) |
| 4Q22 Change | 0.1470 | (0.0640) | (0.0860) | (0.0160) | 0.0460 | 0.0560 | 0.1870 | \$1.125 | \$1.250 | \$1.313 | \$1.344 | \$0.969 | \$0.063 | (\$1.688) | \$1.406 | \$0.438 |

Mortgage Basis Spread ${ }^{2}$ vs. 10 Year Swap


[^0]

[^1][^2]
## MSR Portfolio Overview

| December 31, 2022 MSR Characteristics |  |  |  | Cherry Hill Historical MSR UPB (\$ millions) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Characteristics | FNMA | FHLMC | Total | \$22,000 |  |  |  |  |  |
| UPB | \$13,730,991 | \$7,957,362 | \$21,688,353 |  |  |  |  |  | \$21,688 |
| Avg UPB | \$229 | \$228 | \$229 | \$21,600 |  |  |  | \$21,358 |  |
| WAC | 3.47 | 3.51 | 3.49 | \$21,200 |  |  |  |  |  |
| Net Servicing Fee | 0.25 | 0.25 | 0.25 | \$20,800 | \$20,773 |  | \$20,722 |  |  |
| WAM (Mths) | 308 | 313 | 310 | \$20,800 |  | \$20,441 |  |  |  |
| WALA (Mths) | 31 | 31 | 31 | \$20,400 |  |  |  |  |  |
| Original FICO | 754 | 758 | 756 |  |  |  |  |  |  |
| Original LTV | 75.3 | 76.7 | 75.8 | \$20,000 |  |  |  |  |  |
| ARM \% | 0.0\% | 0.1\% | 0.1\% | \$19,600 |  |  |  |  |  |
| 60+DQ | 0.8\% | 0.9\% | 0.8\% |  | 4Q21 | 1Q22 | 2Q22 | 3Q22 | 4Q22 |
|  |  |  | Com | tary |  |  |  |  |  |

Investments in MSRs totaled \$279.7 million, related to approximately $\mathbf{\$ 2 1 . 7}$ billion in UPB of underlying Fannie Mae and Freddie Mac loans as of December 31, 2022

Acquired approximately $\$ 779$ million in Fannie Mae/Freddie Mac MSR UPB during the quarter

Recapture rate on conventional MSRs was $1.8 \%$ in the quarter

[^3]
## RMBS Portfolio Characteristics

## 30 Year RMBS (100\% of Total)

| Coupon | FMV | Book Value | Par Amount | WAC | WALA | 1 Mo. CPR | LT CPR $^{\mathbf{1}}$ |
| :--- | :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $3.0 \%$ | $\$ 74,446$ | $\$ 77,065$ | $\$ 83,971$ | $3.7 \%$ | 10 | 4.8 | 5.5 |
| $3.5 \%$ | 162,647 | 173,283 | 177,612 | $3.9 \%$ | 10 | 2.8 | 5.7 |
| $4.0 \%$ | 216,315 | 229,050 | 228,951 | $4.8 \%$ | 14 | 1.0 | 5.3 |
| $\geq 4.5 \%$ | 478,022 | 481,021 | 486,407 | $5.4 \%$ | 5 | 3.9 | 4.6 |
| Total | $\$ 931,430$ | $\$ 960,419$ | $\$ 976,941$ | $4.8 \%$ | $\mathbf{8}$ | $\mathbf{3 . 1}$ | $\mathbf{5 . 0}$ |
| Open Net TBAs | $(\$ 285,593)$ | $(\$ 289,808)$ | $(\$ 306,100)$ | N/A | N/A | N/A | N/A |
| 30 Year Total | $\$ 645,837$ | $\$ 670,611$ | $\$ 670,841$ | $\mathbf{4 . 8 \%}$ | $\mathbf{8}$ | $\mathbf{3 . 1}$ | $\mathbf{5 . 0}$ |

## RMBS Portfolio Composition History



[^4]

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Repurchase Agreement Counterparty Utilization ${ }^{1}$


## Commentary

Average REPO cost was $4.4 \%$ with a weighted average days remaining to maturity of 18 days

34 REPO relationships established

Borrowings with 12 financing counterparties
Weighted average "haircut" of 4.3\%

Repurchase Agreement Characteristics

| Remaining Maturity | REPO <br> Outstanding | Percentage | WA <br> Rate | Remaining Days <br> to Maturity | Original Days <br> to Maturity |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Less than one month | $\$ 715,899$ | $86.7 \%$ | $4.4 \%$ | 14 | 43 |
| One to three months | 110,063 | $13.3 \%$ | $4.5 \%$ | 44 | 62 |
| Total WA | $\$ 825,962$ | $\mathbf{1 0 0 . 0 \%}$ | $\mathbf{4 . 4 \%}$ | $\mathbf{1 8}$ | $\mathbf{4 6}$ |

[^5]C H E R R Y H I L L
mortgage investment corporation

## Swaps

| Payer Swaps |  |  |  |  | Receiver Swaps |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Yrs. To Maturity | Notional | WA Pay Rate | WA Receive | WA Yrs. to Mat. | Yrs. To Maturity | Notional | WA Pay Rate | WA Receive | WA Yrs. to Mat. |
| $x \leq 3$ Years | \$340,000 | 0.57\% | 4.71\% | 2.1 | $x \leq 3$ Years | - | - | - | - |
| $3>x \leq 5$ Years | 231,900 | 0.62\% | 4.14\% | 4.1 | $3>x \leq 5$ Years | - | - | - | - |
| $5>x \leq 7$ Years | 220,000 | 0.66\% | 4.38\% | 5.8 | $5>x \leq 7$ Years | \$275,000 | 4.62\% | 2.25\% | 6.5 |
| $7>x \leq 10$ Years | 238,100 | 1.01\% | 4.31\% | 8.0 | $7>x \leq 10$ Years | - | - | - | - |
| Total/WA | \$1,030,000 | 0.70\% | 4.42\% | 4.7 | Total/WA | \$275,000 | 4.62\% | 2.25\% | 6.5 |

## Treasury Futures

Treasury Futures

| Maturity | Long Notional | Short Notional | Net | Fair Value | Maturity | Long Notional | Short Notional | Net | Fair Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10 years ${ }^{1}$ | - | $(\$ 88,700)$ | $(\$ 88,700)$ | \$618 | 10 years | \$70,000 | $(\$ 50,000)$ | \$20,000 | \$234 |
| Total | - | $(\$ 88,700)$ | (\$88,700) | \$618 | Total | \$70,000 | $(\$ 50,000)$ | \$20,000 | \$234 |

## Commentary

Approximately $\$ 1.3$ billion notional interest rate swaps
3.6 years weighted average duration on Payer swaps
5.1 years weighted average duration on Receiver swaps

[^6]
## Appendix



Note: Figures presented are rounded. Dollars in millions. As of December 31, 2022, unless noted otherwise.

1. Excludes TBAs.
2. RMBS hedge ratio represents notional value of payer swaps relative to outstanding repurchase agreement borrowings.

[^7]
## Basis Risk and Interest Rate Sensitivity ${ }^{1}$

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## RMBS and MSR Spread ("Basis Risk") Sensitivity on Current Portfolio

|  | -50 bps | -25 bps | No Change | +25 bps | +50 bps |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Basis Risk Sensitivity |  |  |  |  |  |
| Estimated Change in NAV | \$22,454 | \$11,155 | - | (\$10,973) | $(\$ 21,730)$ |
| Pro forma NAV as of December 31, 2022 | \$287,970 | \$276,671 | \$265,516 | \$254,543 | \$243,786 |
| Pro forma percentage change in NAV | 8.5\% | 4.2\% | - | (4.1\%) | (8.2\%) |
| Pro forma BV per Common Share as of December 31, 2022 | \$7.02 | \$6.54 | \$6.06 | \$5.59 | \$5.14 |
| Pro forma percentage change in BV per Common Share | 15.8\% | 7.8\% | - | (7.7\%) | (15.2\%) |

Interest Rate Sensitivity on Current Portfolio ${ }^{2}$

|  | $\mathbf{- 5 0}$ bps | $\mathbf{- 2 5}$ bps | No Change | +25 bps | +50 bps |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Interest Rate Sensitivity |  |  |  |  |  |
| Estimated Change in NAV | $(\$ 2,694)$ | $(\$ 970)$ | - | $(\$ 12)$ | $(\$ 1,192)$ |
| Pro forma NAV as of December 31, 2022 | $\$ 262,822$ | $\$ 264,546$ | $\$ 265,516$ | $\$ 265,504$ | $\$ 264,324$ |
| Pro forma percentage change in NAV | $(1.0 \%)$ | $(0.4 \%)$ | - | $(0.0 \%)$ | $(0.4 \%)$ |
| Pro forma BV per Common Share as of December 31, 2022 | $\$ 5.95$ | $\$ 6.02$ | $\$ 6.06$ | $\$ 6.06$ | $\$ 6.01$ |
| Pro forma percentage change in BV per Common Share | $(1.9 \%)$ | $(0.7 \%)$ | - | $(0.0 \%)$ | $(0.8 \%)$ |

Basis Risk Sensitivity


Interest Rate Sensitivity²


[^8]
## Balance Sheet

|  | Consolidated | Balance Sheets |  |
| :--- | :--- | ---: | :--- |

[^9]
## Consolidated Statements of Income

|  | Three Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | December 31, 2022 |  | September 30, 2022 |  |
| Income |  |  |  |  |
| Interest income | \$ | 9,906 | \$ | 8,213 |
| Interest expense |  | 8,539 |  | 4,882 |
| Net interest income |  | 1,367 |  | 3,331 |
| Servicing fee income |  | 13,700 |  | 13,426 |
| Servicing costs |  | 3,304 |  | 2,725 |
| Net servicing income |  | 10,396 |  | 10,701 |
| Other income (loss) |  |  |  |  |
| Realized loss on RMBS, available-for-sale, net |  | $(30,701)$ |  | $(9,735)$ |
| Realized gain on derivatives, net |  | 8,521 |  | 6,210 |
| Unrealized gain (loss) on derivatives, net |  | $(13,526)$ |  | 33,321 |
| Unrealized gain (loss) on investments in Servicing Related Assets |  | $(7,198)$ |  | 2,293 |
| Total Income (Loss) | \$ | $(31,141)$ | \$ | 46,121 |
| Expenses |  |  |  |  |
| General and administrative expense |  | 1,587 |  | 1,475 |
| Management fee to affiliate |  | 1,597 |  | 1,625 |
| Total Expenses | \$ | 3,184 | \$ | 3,100 |
| Income (Loss) Before Income Taxes |  | $(34,325)$ |  | 43,021 |
| Provision for (Benefit from) corporate business taxes |  | $(1,572)$ |  | 1,344 |
| Net Income (Loss) | \$ | $(32,753)$ | \$ | 41,677 |
| Net (income) loss allocated to noncontrolling interests in Operating Partnership |  | 702 |  | (866) |
| Dividends on preferred stock |  | 2,463 |  | 2,462 |
| Net Income (Loss) Applicable to Common Stockholders | \$ | $(34,514)$ | \$ | 38,349 |
| Net Income (Loss) Per Share of Common Stock |  |  |  |  |
| Basic | \$ | (1.59) | \$ | 1.91 |
| Diluted | \$ | (1.59) | \$ | 1.90 |
| Weighted Average Number of Shares of Common Stock Outstanding |  |  |  |  |
| Basic |  | 21,648,846 |  | 20,123,165 |
| Diluted |  | 21,682,287 |  | 20,156,606 |

[^10]
## Comprehensive Income

## Consolidated Statement of Comprehensive Income

Three Months Ended

|  | Three Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | December 31, 2022 |  | September 30, 2022 |  |
| Net income (loss) | \$ | $(32,753)$ | \$ | 41,677 |
| Other comprehensive income (loss): |  |  |  |  |
| Unrealized gain (loss) on RMBS, available-for-sale, net |  | 41,655 |  | $(46,592)$ |
| Net other comprehensive income (loss) |  | 41,655 |  | $(46,592)$ |
| Comprehensive income (loss) | \$ | 8,902 | \$ | $(4,915)$ |
| Comprehensive income (loss) attributable to noncontrolling interests in Operating Partnership |  | 197 |  | (92) |
| Dividends on preferred stock |  | 2,463 |  | 2,462 |
| Comprehensive income (loss) attributable to common stockholders | \$ | 6,242 | \$ | $(7,285)$ |
| Comprehensive Income (Loss) Per Share of Common Stock |  |  |  |  |
| Basic | \$ | 0.29 | \$ | (0.36) |
| Diluted | \$ | 0.29 | \$ | (0.36) |

[^11]C H E R R Y H I L L

## Earnings Available for Distribution

|  | Three Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | December 31, 2022 |  | September 30, 2022 |  |
| Net Income (Loss) | \$ | $(32,753)$ | \$ | 41,677 |
| + Realized loss on RMBS, net |  | 30,701 |  | 9,735 |
| + Realized gain on derivatives, net ${ }^{1}$ |  | $(2,180)$ |  | $(2,143)$ |
| + Unrealized loss (gain) on derivatives, net |  | 13,526 |  | $(33,321)$ |
| + Unrealized gain on investments in MSRs, net of estimated MSR a mortization |  | $(1,206)$ |  | $(10,590)$ |
| + Tax expense (benefit) on realized and unrealized gain (loss) on MSRs |  | (217) |  | 2,404 |
| Total EAD: | \$ | 7,871 | \$ | 7,762 |
| EAD attributable to noncontrolling interests in Operating Partnership |  | (143) |  | (153) |
| Dividends on preferred stock |  | 2,463 |  | 2,462 |
| EAD Attributable to Common Stockholders | \$ | 5,265 | \$ | 5,147 |
| EAD Attributable to Common Stockholders, per Diluted Share | \$ | 0.24 | \$ | 0.26 |
| GAAP Net Income (Loss) Per Share of Common Stock, per Diluted Share | \$ | (1.59) | \$ | 1.90 |

Note: Figures presented are rounded. Dollars in thousands, except per share figures. As of December 31, 2022, unless noted otherwise.
Earnings available for distribution ("EAD") is a non-GAAP financial measure that we define as GAAP net income (loss), excluding realized gain (loss) on RMBS, realized and unrealized gain (loss) on derivatives, realized gain (loss) on acquired assets, realized and unrealized gain (loss) on investments in MSRs (net of any estimated MSR amortization) and any tax expense (benefit) on realized and unrealized gain (loss) on MSRs. MSR amortization refers to the portion of the change in fair value of the MSR that is primarily due to the realization of cashflows, runoff resulting from prepayments and an adjustment for any gain or loss on the capital used to purchase the MSR. EAD also includes interest rate swap periodic interest income (expense) and drop income on TBA dollar roll transactions, which are included in "Realized gain (loss) on derivatives, net" on the consolidated statements of income (loss). EAD is adjusted to exclude outstanding LTIP-OP Units in our Operating Partnership and dividends paid on our preferred stock.
EAD is provided for purposes of potential comparability to other issuers that invest in residential mortgage-related assets. We believe providing investors with EAD, in addition to related GAAP financial measures, may provide investors some insight into our ongoing operational performance. However, the concept of EAD does have significant limitations, including the exclusion of realized and unrealized gains (losses), and given the apparent lack of a consistent methodology among issuers for defining EAD, it may not be comparable to similarly titled measures of other issuers, which define EAD differently from us and each other. As a result, EAD should not be considered a substitute for our GAAP net income (loss) or as a measure of our liquidity. While EAD is one indicia of the Company's earnings capacity, it is not the only factor considered in setting a dividend and is not the same as REIT taxable income which is calculated in accordance with the rules of the IRS.

1. Excludes drop income on TBA dollar rolls of $\$ 749$ thousand and interest rate swap periodic interest income of $\$ 5.6$ million for the three-month period ended December 31, 2022. Excludes drop income on TBA dollar rolls of $\$ 820$ thousand and interest rate swap periodic interest income of $\$ 3.2$ million for the three-month period ended

| Results of Operations |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Servicing Related |  |  |  |  |  |  |  |  |
| Income Statement |  |  |  |  |  |  |  |  |
| Three Months Ended December 31, 2022 |  |  |  |  |  |  |  |  |
| Interest income | \$ | - | \$ | 9,906 | \$ | - | \$ | 9,906 |
| Interest expense |  | 818 |  | 7,721 |  | - |  | 8,539 |
| Net interest income (expense) |  | (818) |  | 2,185 |  | - |  | 1,367 |
| Servicing fee income |  | 13,700 |  | - |  | - |  | 13,700 |
| Servicing costs |  | 3,304 |  | - |  | - |  | 3,304 |
| Net servicing income |  | 10,396 |  | - |  | - |  | 10,396 |
| Other expense |  | $(5,672)$ |  | $(37,232)$ |  | - |  | $(42,904)$ |
| Other operating expenses |  | 530 |  | 150 |  | 2,504 |  | 3,184 |
| Benefit from corporate business taxes |  | $(1,572)$ |  | - |  | - |  | $(1,572)$ |
| Net Income (Loss) | \$ | 4,948 | \$ | $(35,197)$ | \$ | $(2,504)$ | \$ | $(32,753)$ |
| Balance Sheet |  |  |  |  |  |  |  |  |
| December 31, 2022 |  |  |  |  |  |  |  |  |
| Investments | \$ | 279,739 | \$ | 931,431 | \$ | - | \$ | 1,211,170 |
| Other assets |  | 32,849 |  | 106,885 |  | 57,921 |  | 197,655 |
| Total assets |  | 312,588 |  | 1,038,316 |  | 57,921 |  | 1,408,825 |
| Debt |  | 183,888 |  | 825,962 |  | - |  | 1,009,850 |
| Other liabilities |  | 29,047 |  | 92,875 |  | 11,537 |  | 133,459 |
| Total liabilities |  | 212,935 |  | 918,837 |  | 11,537 |  | 1,143,309 |
| Net Assets | \$ | 99,653 | \$ | 119,479 | \$ | 46,384 | \$ | 265,516 |

[^12]
## Abbreviations

## This presentation may include the below abbreviations, which have the following meanings

- 30+ DQ - Percentage of loans that are delinquent by 30 days or more
- Age (mths) or Loan Age (mths) - Weighted average number of months loans are outstanding
- Carrying Value - represents Cost Basis plus adjustment for mark to market
- Cost Basis - Initial investment less return of capital received life to date
- CDR - Constant Default Rate
- CLTV - ratio of current loan balance to estimated current asset value.
- COUP - coupon or interest rate
- CPR - Constant Prepayment Rate, expressed as the sum of the CDR and CRR
- CRR - Constant Repayment Rate
- EAD - Earnings Available for Distribution
- FHLMC - Freddie Mac / Federal Home Loan Mortgage Corporation
- FMV - Fair Mark Value
- FNMA - Fannie Mae / Federal National Mortgage Association
- FICO - A borrower's credit metric generated by the credit scoring model created by the Fair Isaac Corporation
- Flow Arrangements - contractual recurring agreements, often monthly or quarterly, to purchase servicing of newly originated or highly delinquent loans
- GNMA - Ginnie Mae / Government National Mortgage Association
- Gross CPR - Gross CPR is CPR prior to factoring in recapture
- Gross CRR - Gross CRR is CRR prior to factoring in recapture
- HPA - Home price appreciation
- LT - Long Term
- LTD Cash Flows - Actual life to date cash flow collected from the investment as of the end of the current month
- LTD - Life to Date
- Net CPR - CPR after taking into account recapture activity
- OCl - Other comprehensive income
- Projected Future Cash Flows - Future cash flow expected per the current market valuation
- Recapture Rate - Percentage of voluntarily prepaid loans that are refinanced by recapture partner
- Total Cash Flow - Sum of all LTD cash flows and all projected future cash flows
- Uncollected Payments - Percentage of loans that missed their most recent payment
- UPB - Unpaid Principal Balance
- Updated IRR - Internal rate of return calculated based on the cash flow received to date through the current month and the expected future cash flow based on our original underwriting assumptions.
- U/W LTD - Underwritten life-to-date
- WA/WAVG - Weighted Average
- WAL - Weighted Average Life to Maturity
- WALA - Weighted Average Loan Age
- WAC-Weighted Average Coupon


# CHERRYHILL 

MORTGAGE INVESTMENT CORPORATION

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[^0]:    Note: Figures presented are rounded. Dollars in thousands. As of December 31, 2022, unless noted otherwise.

    1. US treasuries source: Bloomberg; mortgage prices and changes source: Citigroup.
    2. Source: Bloomberg. FNMA 30 Year current coupon vs 10 year swaps.
[^1]:    Note: Figures presented are rounded. Dollars in thousands. As of December 31, 2022, unless noted otherwise.

    1. Includes open net TBAs.
    2. Comprised of MSRs and other related assets.
[^2]:    3. Comprised of RMBS and other related assets and liabilities.
    4. Comprised of non-invested assets and liabilities, primarily cash.
    5. Source: Fannie Mae Monthly Flash Prepayment Report.
    6. Source: Bloomberg ILM3NAVG index.
[^3]:    Note: Figures presented are rounded. Dollars in thousands, unless noted otherwise. As of December 31, 2022, unless noted otherwise.

[^4]:    Note: Figures presented are rounded. Dollars in thousands. As of December 31, 2022, unless noted otherwise. CPR values presented are annualized.

    1. LTCPR is produced using Yieldbook's third party prepayment model.
    2. Includes open net TBA positions.
[^5]:    Note: Figures noted are rounded. As of December 31, 2022, unless noted otherwise. Dollars in thousands.

    1. Reflects the percentage by dollar amount per counterparty of outstanding borrowings for our RMBS portfolio.
[^6]:    Note: Figures presented are rounded. Dollars in thousands. As of December 31, 2022, unless noted otherwise.

    1. Includes 10-year U.S. futures and 10-year Ultra futures contracts.
[^7]:    Note: Figures presented are rounded. Dollars in thousands, except per share figures. As of December 31, 2022, unless noted otherwise.

    1. Total quarterly return (loss) on book value is defined as the change in book value per common share ("BVPS") from the prior quarter to the current quarter, plus the dividend declared in the prior quarter, divided by the prior quarter BVPS.
[^8]:    Note: Figures presented are rounded. Dollars in thousands, except per share figures. As of December 31, 2022, unless noted otherwise.

    1. Interest rate sensitivity to parallel shifts and spread sensitivity are derived from models that are dependent on inputs and assumptions provided by third parties as well as by our investment team and, accordingly, actual results could differ materially from these estimates. Rates are floored at zero percent.
    2. Interest rate sensitivity analysis excludes Treasury futures options as Treasury futures options represent a marginal, out of the money position in the portfolio.
[^9]:    Note: Figures presented are rounded. Dollars in thousands, except per share figures. As of December 31, 2022, unless noted otherwise.

[^10]:    Note: Figures presented are rounded. Dollars in thousands, except per share figures. As of December 31, 2022, unless noted otherwise.

[^11]:    Note: Figures presented are rounded. Dollars in thousands, except per share figures. As of December 31, 2022, unless noted otherwise.

[^12]:     reclassified to conform to current period presentation.

