
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

(Mark One)

☒ **QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**
For the quarterly period ended June 30, 2018

OR

☐ **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**
For the transition period from _____ to _____

Commission file number 001-35151

AG MORTGAGE INVESTMENT TRUST, INC.

Maryland
(State or Other Jurisdiction of
Incorporation or Organization)

27-5254382
(I.R.S. Employer
Identification No.)

245 Park Avenue, 26th Floor
New York, New York
(Address of Principal Executive Offices)

10167
(Zip Code)

(212) 692-2000
(Registrant's Telephone Number, Including Area Code)

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 and Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act. (Check one):

Large Accelerated filer ☐ Accelerated filer ☒ Non-Accelerated filer ☐ Smaller reporting company ☐ Emerging growth company ☐ (Do not check if a smaller reporting 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. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes ☐ No ☒

As of July 23, 2018, there were 28,226,211 outstanding shares of common stock of AG Mortgage Investment Trust, Inc.

AG MORTGAGE INVESTMENT TRUST, INC.
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PART I

ITEM 1. FINANCIAL STATEMENTS

AG Mortgage Investment Trust, Inc. and Subsidiaries Consolidated Balance Sheets (Unaudited)

	June 30, 2018	December 31, 2017
Assets		
Real estate securities, at fair value:		
Agency - \$1,818,202,310 and \$2,126,135,420 pledged as collateral, respectively	\$ 2,044,789,802	\$ 2,247,161,035
Non-Agency - \$799,315,479 and \$976,071,673 pledged as collateral, respectively	821,946,929	1,004,255,658
ABS - \$24,510,960 and \$30,832,553 pledged as collateral, respectively	37,755,352	40,957,553
CMBS - \$205,848,907 and \$211,179,945 pledged as collateral, respectively	210,335,164	220,168,505
Residential mortgage loans, at fair value - \$90,133,713 and \$15,860,583 pledged as collateral, respectively	93,129,269	18,889,693
Commercial loans, at fair value - \$32,800,000 pledged as collateral	43,216,666	57,520,646
Investments in debt and equity of affiliates	129,378,242	99,696,347
Excess mortgage servicing rights, at fair value	29,281,765	5,083,514
Cash and cash equivalents	31,145,470	15,199,655
Restricted cash	50,980,839	37,615,281
Interest receivable	12,156,133	12,607,386
Receivable under reverse repurchase agreements	-	24,671,320
Derivative assets, at fair value	4,222,706	2,127,070
Other assets	2,582,919	2,491,201
Due from broker	1,563,968	850,514
Total Assets	<u>\$ 3,512,485,224</u>	<u>\$ 3,789,295,378</u>
Liabilities		
Repurchase agreements	\$ 2,634,181,881	\$ 3,004,407,018
Securitized debt, at fair value	13,984,245	16,477,801
Obligation to return securities borrowed under reverse repurchase agreements, at fair value	-	24,379,356
Payable on unsettled trades	134,597,154	2,418,710
Interest payable	7,193,331	5,225,940
Derivative liabilities, at fair value	625,990	450,208
Dividend payable	14,100,464	13,391,457
Due to affiliates	4,035,705	4,258,074
Accrued expenses	1,316,664	790,271
Taxes payable	923,448	1,545,448
Due to broker	4,968,236	1,691,888
Total Liabilities	<u>2,815,927,118</u>	<u>3,075,036,171</u>
Commitments and Contingencies (Note 13)		
Stockholders' Equity		
Preferred stock - \$0.01 par value; 50,000,000 shares authorized:		
8.25% Series A Cumulative Redeemable Preferred Stock, 2,070,000 shares issued and outstanding (\$51,750,000 aggregate liquidation preference)	49,920,772	49,920,772
8.00% Series B Cumulative Redeemable Preferred Stock, 4,600,000 shares issued and outstanding (\$115,000,000 aggregate liquidation preference)	111,293,233	111,293,233
Common stock, par value \$0.01 per share; 450,000,000 shares of common stock authorized and 28,200,928 and 28,192,541 shares issued and outstanding at June 30, 2018 and December 31, 2017, respectively	282,011	281,927
Additional paid-in capital	585,641,670	585,530,292
Retained earnings/(deficit)	(50,579,580)	(32,767,017)
Total Stockholders' Equity	<u>696,558,106</u>	<u>714,259,207</u>
Total Liabilities & Stockholders' Equity	<u>\$ 3,512,485,224</u>	<u>\$ 3,789,295,378</u>

The accompanying notes are an integral part of these consolidated financial statements.

AG Mortgage Investment Trust, Inc. and Subsidiaries
Consolidated Statements of Operations
(Unaudited)

	Three Months Ended June 30, 2018	Three Months Ended June 30, 2017	Six Months Ended June 30, 2018	Six Months Ended June 30, 2017
Net Interest Income				
Interest income	\$ 36,011,375	\$ 31,220,535	\$ 75,368,522	\$ 59,180,427
Interest expense	16,270,821	10,201,393	31,596,603	18,362,805
	<u>19,740,554</u>	<u>21,019,142</u>	<u>43,771,919</u>	<u>40,817,622</u>
Other Income/(Loss)				
Net realized gain/(loss)	(11,059,686)	(10,121,477)	(22,898,818)	(12,549,564)
Realized gain/(loss) on periodic interest settlements of derivative instruments, net	1,261,684	(1,857,542)	(208,476)	(3,467,519)
Unrealized gain/(loss) on real estate securities and loans, net	(578,375)	25,546,552	(36,733,183)	38,297,116
Unrealized gain/(loss) on derivative and other instruments, net	4,781,276	1,927,169	41,871,242	1,801,297
Other income	20,131	3,845	20,386	31,882
	<u>(5,574,970)</u>	<u>15,498,547</u>	<u>(17,948,849)</u>	<u>24,113,212</u>
Expenses				
Management fee to affiliate	2,386,669	2,443,780	4,825,838	4,919,596
Other operating expenses	3,442,611	2,851,353	6,665,155	5,644,587
Servicing fees	22,178	86,001	84,356	162,002
Equity based compensation to affiliate	93,948	87,540	145,410	165,018
Excise tax	375,000	375,000	750,000	750,000
	<u>6,320,406</u>	<u>5,843,674</u>	<u>12,470,759</u>	<u>11,641,203</u>
Income/(loss) before equity in earnings/(loss) from affiliates	<u>7,845,178</u>	<u>30,674,015</u>	<u>13,352,311</u>	<u>53,289,631</u>
Equity in earnings/(loss) from affiliates	322,967	2,497,116	3,063,243	4,999,162
Net Income/(Loss)	<u>8,168,145</u>	<u>33,171,131</u>	<u>16,415,554</u>	<u>58,288,793</u>
Dividends on preferred stock	3,367,354	3,367,354	6,734,708	6,734,708
Net Income/(Loss) Available to Common Stockholders	<u>\$ 4,800,791</u>	<u>\$ 29,803,777</u>	<u>\$ 9,680,846</u>	<u>\$ 51,554,085</u>
Earnings/(Loss) Per Share of Common Stock				
Basic	\$ 0.17	\$ 1.08	\$ 0.34	\$ 1.86
Diluted	\$ 0.17	\$ 1.07	\$ 0.34	\$ 1.86
Weighted Average Number of Shares of Common Stock Outstanding				
Basic	28,200,928	27,724,183	28,198,315	27,713,104
Diluted	28,228,070	27,731,325	28,221,904	27,720,309

The accompanying notes are an integral part of these consolidated financial statements.

AG Mortgage Investment Trust, Inc. and Subsidiaries
Consolidated Statements of Stockholders' Equity
(Unaudited)

	Common Stock		8.25 % Series A Cumulative Redeemable Preferred Stock	8.00 % Series B Cumulative Redeemable Preferred Stock	Additional Paid-in Capital	Retained Earnings/(Deficit)	Total
	Shares	Amount					
Balance at January 1, 2017	27,700,154	\$ 277,002	\$ 49,920,772	\$ 111,293,233	\$ 576,276,322	\$ (81,890,939)	\$ 655,876,390
Net proceeds from issuance of common stock	99,932	1,000	-	-	1,779,185	-	1,780,185
Grant of restricted stock and amortization of equity based compensation	5,076	51	-	-	284,871	-	284,922
Common dividends declared	-	-	-	-	-	(26,363,887)	(26,363,887)
Preferred Series A dividends declared	-	-	-	-	-	(2,134,708)	(2,134,708)
Preferred Series B dividends declared	-	-	-	-	-	(4,600,000)	(4,600,000)
Net Income/(Loss)	-	-	-	-	-	58,288,793	58,288,793
Balance at June 30, 2017	<u>27,805,162</u>	<u>\$ 278,053</u>	<u>\$ 49,920,772</u>	<u>\$ 111,293,233</u>	<u>\$ 578,340,378</u>	<u>\$ (56,700,741)</u>	<u>\$ 683,131,695</u>
Balance at January 1, 2018	28,192,541	\$ 281,927	\$ 49,920,772	\$ 111,293,233	\$ 585,530,292	\$ (32,767,017)	\$ 714,259,207
Net proceeds from issuance of common stock	-	-	-	-	(225,419)	-	(225,419)
Grant of restricted stock and amortization of equity based compensation	8,387	84	-	-	336,797	-	336,881
Common dividends declared	-	-	-	-	-	(27,493,409)	(27,493,409)
Preferred Series A dividends declared	-	-	-	-	-	(2,134,708)	(2,134,708)
Preferred Series B dividends declared	-	-	-	-	-	(4,600,000)	(4,600,000)
Net Income/(Loss)	-	-	-	-	-	16,415,554	16,415,554
Balance at June 30, 2018	<u>28,200,928</u>	<u>\$ 282,011</u>	<u>\$ 49,920,772</u>	<u>\$ 111,293,233</u>	<u>\$ 585,641,670</u>	<u>\$ (50,579,580)</u>	<u>\$ 696,558,106</u>

The accompanying notes are an integral part of these consolidated financial statements.

AG Mortgage Investment Trust, Inc. and Subsidiaries
Consolidated Statements of Cash Flows
(Unaudited)

	Six Months Ended June 30, 2018	Six Months Ended June 30, 2017
Cash Flows from Operating Activities		
Net income/(loss)	\$ 16,415,554	\$ 58,288,793
Adjustments to reconcile net income/(loss) to net cash provided by (used in) operating activities:		
Net amortization of premium	36,693	(3,173,222)
Net realized (gain)/loss	22,898,818	12,549,564
Unrealized (gains)/losses on real estate securities and loans, net	36,733,183	(38,297,116)
Unrealized (gains)/losses on derivative and other instruments, net	(41,871,242)	(1,801,297)
Equity based compensation to affiliate	145,410	165,018
Equity based compensation expense	191,471	119,904
(Income)/loss from investments in debt and equity of affiliates in excess of distributions received	2,586,377	(2,048,062)
Change in operating assets/liabilities:		
Interest receivable	(20,344)	(1,617,572)
Other assets	(451,383)	555,298
Due from broker	(646,869)	(56,819)
Interest payable	1,443,162	1,764,770
Due to affiliates	(222,369)	333,322
Accrued expenses	600,034	(23,391)
Taxes payable	(622,000)	(916,000)
Net cash provided by (used in) operating activities	<u>37,216,495</u>	<u>25,843,190</u>
Cash Flows from Investing Activities		
Purchase of real estate securities	(1,147,269,288)	(841,128,758)
Purchase of residential mortgage loans	(105,450,264)	-
Purchase of commercial loans	-	(10,270,833)
Purchase of U.S. Treasury securities	(249,658,991)	-
Purchase of excess mortgage servicing rights	(25,162,285)	(2,422,805)
Investments in debt and equity of affiliates	(40,781,194)	(14,471,397)
Proceeds from sales of real estate securities	1,314,738,672	260,894,043
Proceeds from sales of residential mortgage loans	30,980,940	13,760,936
Proceeds from sales of U.S. treasury securities	249,227,323	-
Principal repayments/return of basis on real estate securities and excess mortgage servicing rights	246,920,274	219,677,305
Principal repayments on commercial loans	14,521,806	13,478,194
Principal repayments on residential mortgage loans	1,255,512	5,145,108
Distribution received in excess of income from investments in debt and equity of affiliates	20,862,325	4,097,932
Net proceeds from/(payments made) on reverse repurchase agreements	24,695,299	22,680,932
Net proceeds from/(payments made) on sales of securities borrowed under reverse repurchase agreements	(24,032,417)	(22,413,242)
Net settlement of interest rate swaps and other instruments	19,330,928	(9,619,621)
Net settlement of TBAs	164,531	1,331,055
Cash flows provided by/(used in) other investing activities	784,668	3,398,529
Net cash provided by/(used in) investing activities	<u>331,127,839</u>	<u>(355,862,622)</u>
Cash Flows from Financing Activities		
Net proceeds from issuance of common stock	(225,419)	1,830,184
Borrowings under repurchase agreements	26,737,707,545	14,939,399,850
Repayments of repurchase agreements	(27,074,212,237)	(14,577,400,121)
Repayments of loan participation	-	(1,800,000)
Net collateral received from/(paid to) derivative counterparty	31,178,389	(430,940)
Net collateral received from/(paid to) repurchase counterparty	37,871	(321,957)
Dividends paid on common stock	(26,784,402)	(26,315,977)
Dividends paid on preferred stock	(6,734,708)	(6,734,708)
Net cash provided by/(used in) financing activities	<u>(339,032,961)</u>	<u>328,226,331</u>
Net change in cash, cash equivalents and restricted cash	29,311,373	(1,793,101)
Cash, cash equivalents, and restricted cash, Beginning of Period	52,814,936	79,053,418
Cash, cash equivalents, and restricted cash, End of Period	<u>\$ 82,126,309</u>	<u>\$ 77,260,317</u>

Supplemental disclosure of cash flow information:

Cash paid for interest on repurchase agreements	\$ 29,292,276	\$ 16,736,898
Cash paid for income tax	\$ 1,384,449	\$ 1,727,709

Supplemental disclosure of non-cash financing and investing activities:

Principal repayments on real estate securities not yet received	\$ 800,785	\$ 9,879,692
Principal repayments on residential mortgage loans not yet received	\$ -	\$ 447,676
Common stock dividends declared but not paid	\$ 14,100,464	\$ 13,205,483
Repayments of repurchase agreements not yet paid	\$ -	\$ 6,537,247
Decrease in securitized debt	\$ 2,481,926	\$ 2,747,475
Transfer from residential mortgage loans to other assets	\$ 654,153	\$ 2,050,070

Transfer from non-agency to investments in debt and equity of affiliates	\$	44,969,520	\$	-
Transfer from other assets to investments in debt and equity of affiliates	\$	242,336	\$	-
Transfer from repurchase agreements to investments in debt and equity of affiliates	\$	33,720,445	\$	-

The following table provides a reconciliation of cash, cash equivalents and restricted cash reported within the consolidated balance sheets that sum to the total of the same such amounts shown in the consolidated statements of cash flows:

	June 30, 2018	June 30, 2017
Cash and cash equivalents	\$ 31,145,470	\$ 29,150,477
Restricted cash	50,980,839	48,109,840
Total cash, cash equivalents and restricted cash shown in the consolidated statements of cash flows	<u>\$ 82,126,309</u>	<u>\$ 77,260,317</u>

The accompanying notes are an integral part of these consolidated financial statements.

AG Mortgage Investment Trust Inc. and Subsidiaries
Notes to Consolidated Financial Statements (unaudited)
June 30, 2018

1. Organization

AG Mortgage Investment Trust, Inc. (the “Company”) was incorporated in the state of Maryland on March 1, 2011. The Company is focused on investing in, acquiring and managing a diversified portfolio of residential mortgage-backed securities, or RMBS, issued or guaranteed by a government-sponsored entity such as Fannie Mae or Freddie Mac (collectively, “GSEs”), or any agency of the U.S. Government such as Ginnie Mae (collectively, “Agency RMBS”) and other real estate-related securities and financial assets, including Non-Agency RMBS, ABS, CMBS, excess mortgage servicing rights (“Excess MSRs”) and loans (as defined below).

Non-Agency RMBS represent fixed- and floating-rate RMBS issued by entities or organizations other than a U.S. government-sponsored entity or agency of the U.S. government, including investment grade (AAA through BBB) and non-investment grade classes (BB and below). The mortgage loan collateral for Non-Agency RMBS consists of residential mortgage loans that do not generally conform to underwriting guidelines issued by U.S. government agencies or U.S. government-sponsored entities.

Asset Backed Securities (“ABS”) are securitized investments similar to the aforementioned investments except the underlying assets are diverse, not only representing real estate related assets.

Commercial Mortgage Backed Securities (“CMBS”) represent investments of fixed- and floating-rate CMBS, including investment grade (AAA through BBB) and non-investment grade classes (BB and below) secured by, or evidence an ownership interest in, a single commercial mortgage loan or a pool of commercial mortgage loans.

Collectively, the Company refers to Agency RMBS, Non-Agency RMBS, ABS and CMBS asset types as “real estate securities” or “securities.”

Commercial loans are secured by an interest in commercial real estate and represent a contractual right to receive money on demand or on fixed or determinable dates. Residential mortgage loans refer to performing, re-performing and non-performing loans secured by a first lien mortgage on residential mortgaged property located in any of the 50 states of the United States or in the District of Columbia. The Company refers to its residential and commercial mortgage loans as “mortgage loans” or “loans.”

The Company is externally managed by AG REIT Management, LLC, a Delaware limited liability company (the “Manager”), a wholly-owned subsidiary of Angelo, Gordon & Co., L.P. (“Angelo, Gordon”), a privately-held, SEC-registered investment adviser, pursuant to a management agreement. The Manager, pursuant to a delegation agreement dated as of June 29, 2011, has delegated to Angelo, Gordon the overall responsibility of its day-to-day duties and obligations arising under the management agreement.

The Company conducts its operations to qualify and be taxed as a real estate investment trust (“REIT”) under the Internal Revenue Code of 1986, as amended (the “Code”).

The consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All intercompany balances and transactions have been eliminated in consolidation.

2. Summary of significant accounting policies

The accompanying unaudited consolidated financial statements and related notes have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (“GAAP”) for interim financial reporting and the instructions to Form 10-Q and Rule 10-01 of Regulation S-X. Certain prior period amounts have been reclassified to conform to the current period’s presentation. In the opinion of management, all adjustments considered necessary for a fair statement of the Company’s financial position, results of operations and cash flows have been included for the interim period and are of a normal and recurring nature. The operating results presented for interim periods are not necessarily indicative of the results that may be expected for any other interim period or for the entire year.

Cash and cash equivalents

Cash is comprised of cash on deposit with financial institutions. The Company classifies highly liquid investments with original maturities of three months or less from the date of purchase as cash equivalents. As of June 30, 2018 and December 31, 2017, the Company held no cash equivalents. The Company places its cash with high credit quality institutions to minimize credit risk exposure. Cash pledged to the Company as collateral is unrestricted in use and, accordingly, is included as a component of “Cash and cash equivalents” on the consolidated balance sheets. Any cash held by the Company as collateral is included in the “Due to broker” line item on the consolidated balance sheets and in cash flows from financing activities on the consolidated statement of cash flows. Due to broker does not include variation margin received on centrally cleared derivatives. See Note 8 for more detail. Any cash due to the Company in the form of principal payments is included in the “Due from broker” line item on the consolidated balance sheets and in cash flows from operating activities on the consolidated statement of cash flows.

AG Mortgage Investment Trust Inc. and Subsidiaries
Notes to Consolidated Financial Statements (unaudited)
June 30, 2018

Restricted cash

Restricted cash includes cash pledged as collateral for clearing and executing trades, derivatives and repurchase agreements and is not available to the Company for general corporate purposes. Restricted cash may be returned to the Company when the related collateral requirements are exceeded or at the maturity of the derivative or repurchase agreement. Restricted cash is carried at cost, which approximates fair value. Restricted cash does not include variation margin pledged on centrally cleared derivatives. See Note 8 for more detail.

Offering costs

The Company has incurred offering costs in connection with common stock offerings and registration statements. Where applicable, the offering costs were paid out of the proceeds of the respective offerings. Offering costs in connection with common stock offerings and costs in connection with registration statements have been accounted for as a reduction of additional paid-in capital.

Use of estimates

The preparation of consolidated financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the consolidated financial statements and accompanying notes. Actual results may differ from those estimates.

Earnings/(Loss) per share

In accordance with the provisions of Accounting Standards Codification (“ASC”) 260, “Earnings per Share,” the Company calculates basic income/(loss) per share by dividing net income/(loss) available to common stockholders for the period by weighted-average shares of the Company’s common stock outstanding for that period. Diluted income per share takes into account the effect of dilutive instruments, such as stock options, warrants, unvested restricted stock and unvested restricted stock units but uses the average share price for the period in determining the number of incremental shares that are to be added to the weighted-average number of shares outstanding. In periods in which the Company records a loss, potentially dilutive securities are excluded from the diluted loss per share calculation, as their effect on loss per share is anti-dilutive.

Valuation of financial instruments

The fair value of the financial instruments that the Company records at fair value will be determined by the Manager, subject to oversight of the Company’s board of directors, and in accordance with ASC 820, “Fair Value Measurements and Disclosures.” When possible, the Company determines fair value using independent data sources. ASC 820 establishes a hierarchy that prioritizes the inputs to valuation techniques giving the highest priority to readily available unadjusted quoted prices in active markets for identical assets (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements) when market prices are not readily available or reliable.

The three levels of the hierarchy under ASC 820 are described below:

- Level 1 – Quoted prices in active markets for identical assets or liabilities.
- Level 2 – Prices determined using other significant observable inputs. These may include quoted prices for similar securities, interest rates, prepayment speeds, credit risk and others.
- Level 3 – Prices determined using significant unobservable inputs. In situations where quoted prices or observable inputs are unavailable (for example, when there is little or no market activity for an investment at the end of the period), unobservable inputs may be used. Unobservable inputs reflect the Company’s assumptions about the factors that market participants would use in pricing an asset or liability, and would be based on the best information available.

Transfers between levels are assumed to occur at the beginning of the reporting period.

Accounting for real estate securities

Investments in real estate securities are recorded in accordance with ASC 320-10, “Investments – Debt and Equity Securities,” ASC 325-40, “Beneficial Interests in Securitized Financial Assets,” or ASC 310-30, “Loans and Debt Securities Acquired with Deteriorated Credit Quality.” The Company has chosen to make a fair value election pursuant to ASC 825, “Financial Instruments” for its real estate securities portfolio. Real estate securities are recorded at fair market value on the consolidated balance sheets and the periodic change in fair market value is recorded in current period earnings on the consolidated statement of operations as a component of “Unrealized gain/(loss) on real estate securities and loans, net.” Real estate securities acquired through securitizations are shown in the line item “Purchase of real estate securities” on the consolidated statement of cash flows.

AG Mortgage Investment Trust Inc. and Subsidiaries
Notes to Consolidated Financial Statements (unaudited)
June 30, 2018

These investments meet the requirements to be classified as available for sale under ASC 320-10-25 which requires the securities to be carried at fair value on the consolidated balance sheets with changes in fair value recorded to other comprehensive income, a component of stockholders' equity. Electing the fair value option allows the Company to record changes in fair value in the consolidated statement of operations, which, in management's view, more appropriately reflects the results of operations for a particular reporting period as all securities activities will be recorded in a similar manner.

When the Company purchases securities with evidence of credit deterioration since origination, it will analyze to determine if the guidance found in ASC 310-30 is applicable.

The Company accounts for its securities under ASC 310 and ASC 325 and evaluates securities for other-than-temporary impairment ("OTTI") on at least a quarterly basis. The determination of whether a security is other-than-temporarily impaired involves judgments and assumptions based on subjective and objective factors. When the fair value of a real estate security is less than its amortized cost at the balance sheet date, the security is considered impaired, and the impairment is designated as either "temporary" or "other-than-temporary."

When a real estate security is impaired, an OTTI is considered to have occurred if (i) the Company intends to sell the security (i.e., a decision has been made as of the reporting date) or (ii) it is more likely than not that the Company will be required to sell the security before recovery of its amortized cost basis. If the Company intends to sell the security or if it is more likely than not that the Company will be required to sell the real estate security before recovery of its amortized cost basis, the entire amount of the impairment loss, if any, is recognized in earnings as a realized loss and the cost basis of the security is adjusted to its fair value. Additionally for securities accounted for under ASC 325-40 an OTTI is deemed to have occurred when there is an adverse change in the expected cash flows to be received and the fair value of the security is less than its carrying amount. In determining whether an adverse change in cash flows occurred, the present value of the remaining cash flows, as estimated at the initial transaction date (or the last date previously revised), is compared to the present value of the expected cash flows at the current reporting date. The estimated cash flows reflect those a "market participant" would use and include observations of current information and events, and assumptions related to fluctuations in interest rates, prepayment speeds and the timing and amount of potential credit losses. Cash flows are discounted at a rate equal to the current yield used to accrete interest income. Any resulting OTTI adjustments are reflected in the "Net realized gain/(loss)" line item on the consolidated statement of operations.

The determination as to whether an OTTI exists is subjective, given that such determination is based on information available at the time of assessment as well as the Company's estimate of the future performance and cash flow projections for the individual security. As a result, the timing and amount of an OTTI constitutes an accounting estimate that may change materially over time.

Increases in interest income may be recognized on a security on which the Company previously recorded an OTTI charge if the performance of such security subsequently improves.

Any remaining unrealized losses on securities at June 30, 2018 do not represent other than temporary impairment as the Company has the ability and intent to hold the securities to maturity or for a period of time sufficient for a forecasted market price recovery up to or above the amortized cost of the investment, and the Company is not required to sell the security for regulatory or other reasons. In addition, any unrealized losses on the Company's Agency RMBS accounted for under ASC 320 are not due to credit losses given their explicit guarantee of principal and interest by the GSEs, but rather are due to changes in interest rates and prepayment expectations. See Note 3 for a summary of OTTI charges recorded.

Sales of securities

Sales of securities are driven by the Manager's portfolio management process. The Manager seeks to mitigate risks including those associated with prepayments, defaults, severities, amongst others and will opportunistically rotate the portfolio into securities with more favorable attributes. Strategies may also be employed to manage net capital gains, which need to be distributed for tax purposes.

Realized gains or losses on sales of securities, loans and derivatives are included in the "Net realized gain/(loss)" line item on the consolidated statement of operations. The cost of positions sold is calculated using a first in, first out, or FIFO, basis. Realized gains and losses are recorded in earnings at the time of disposition.

Accounting for mortgage loans

Investments in mortgage loans are recorded in accordance with ASC 310-10. At purchase, the Company may aggregate its mortgage loans into pools based on common risk characteristics. Once a pool of loans is assembled, its composition is maintained. The Company has chosen to make a fair value election pursuant to ASC 825 for its mortgage loan portfolio. Loans are recorded at fair market value on the consolidated balance sheets and any periodic change in fair market value will be recorded in current period earnings on the consolidated statement of operations as a component of "Unrealized gain/(loss) on real estate securities and loans, net."

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The Company amortizes or accretes any premium or discount over the life of the loans utilizing the effective interest method. On at least a quarterly basis, the Company evaluates the collectability of both interest and principal on its loans to determine whether they are impaired. A loan or pool of loans is impaired when, based on current information and events, it is probable that the Company will be unable to collect all amounts due according to the existing contractual terms. Income recognition is suspended for loans at the earlier of the date at which payments become 90-days past due or when, in the opinion of management, a full recovery of income and principal becomes doubtful. When the ultimate collectability of the principal of an impaired loan or pool of loans is in doubt, all payments are applied to principal under the cost recovery method. When the ultimate collectability of the principal of an impaired loan is not in doubt, contractual interest is recorded as interest income when received, under the cash basis method until an accrual is resumed when the loan becomes contractually current and performance is demonstrated to be resumed. A loan is written off when it is no longer realizable and/or legally discharged.

When the Company purchases mortgage loans with evidence of credit deterioration since origination and it determines that it is probable it will not collect all contractual cash flows on those loans, it will apply the guidance found in ASC 310-30. Mortgage loans that are delinquent 60 or more days are considered non-performing.

The Company updates its estimate of the cash flows expected to be collected on at least a quarterly basis for loans accounted for under ASC 310-30. In estimating these cash flows, there are a number of assumptions that will be subject to uncertainties and contingencies including both the rate and timing of principal and interest receipts, and assumptions of prepayments, repurchases, defaults and liquidations. If based on the most current information and events it is probable that there is a significant increase in cash flows previously expected to be collected or if actual cash flows are significantly greater than cash flows previously expected, the Company will recognize these changes prospectively through an adjustment of the loan's yield over its remaining life. The Company will adjust the amount of accretable yield by reclassification from the nonaccretable difference. The adjustment is accounted for as a change in estimate in conformity with ASC 250, "Accounting Changes and Error Corrections" with the amount of periodic accretion adjusted over the remaining life of the loan. Decreases in cash flows expected to be collected from previously projected cash flows, which includes all cash flows originally expected to be collected by the investor plus any additional cash flows expected to be collected arising from changes in estimate after acquisition, may be recognized as impairment. Increases in interest income may be recognized on a loan on which the Company previously recorded an OTTI charge if the performance of such loan subsequently improves.

Investments in debt and equity of affiliates

The Company's unconsolidated ownership interests in affiliates are accounted for using the equity method. A majority of the Company's investments held through affiliated entities are comprised of real estate securities, Excess MSRs, and loans, including loans held through Mortgage Acquisition Holding I LLC ("MATH") as discussed below. These entities have chosen to make a fair value election on their financial instruments pursuant to ASC 825; as such, the Company will treat these investments consistently with this election. As of June 30, 2018 and December 31, 2017, these investments had a gross fair market value of \$199.8 million and \$88.3 million, respectively, net of any non-recourse securitized debt.

On December 9, 2015, the Company, alongside private funds under the management of Angelo, Gordon, through AG Arc LLC, one of the Company's indirect subsidiaries ("AG Arc"), formed Arc Home LLC ("Arc Home"). The Company has chosen to make a fair value election with respect to its investment in AG Arc pursuant to ASC 825. As of June 30, 2018 and December 31, 2017, the Company's interest in AG Arc had a fair market value of \$18.4 million and \$17.9 million, respectively. See Note 11 for additional detail.

On August 27, 2017, the Company, alongside private funds under the management of Angelo, Gordon, formed "MATH" to conduct a residential mortgage investment strategy. MATH in turn sponsored the formation of an entity called Mortgage Acquisition Trust I LLC ("MATT") to purchase predominantly "Non-QMs," which are residential mortgage loans that are not deemed "qualified mortgage," or "QM," loans under the rules of the CFPB. Non-QMs are not eligible for delivery to Fannie Mae, Freddie Mac, or Ginnie Mae. MATT is expected to make an election to be treated as a real estate investment trust beginning with the 2018 tax year. In furtherance of this business, MATH's sponsoring funds have agreed to provide up to \$75.0 million of capital to MATH, of which the Company agreed to provide \$33.4 million for use in this mortgage investment business. The Company invests in MATT through MATH, and these indirect subsidiaries have chosen to make a fair value election on their respective financial instruments pursuant to ASC 825. As such, the Company will treat this investment consistently with this election. As of June 30, 2018, the Company had funded \$5.1 of its total capital commitment and the Company's outstanding commitment was \$28.3 million (net of any return of capital to the Company).

The Company's investments in debt and equity of affiliates are recorded at fair market value on the consolidated balance sheets in the "Investments in debt and equity of affiliates" line item and periodic changes in fair market value are recorded in current period earnings on the consolidated statement of operations as a component of "Equity in earnings/(loss) from affiliates." Capital contributions, distributions and profits and losses of such entities are allocated in accordance with the terms of the applicable agreements.

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Accounting for excess mortgage servicing rights

The Company has acquired the right to receive the excess servicing spread related to Excess MSR's. The Company has chosen to make a fair value election pursuant to ASC 825 for Excess MSR's. Excess MSR's are recorded at fair market value on the consolidated balance sheets and any periodic change in fair market value is recorded in current period earnings on the consolidated statement of operations as a component of "Unrealized gain/(loss) on derivative and other instruments, net."

The Company amortizes or accretes any premium or discount over the life of the related Excess MSR's utilizing the effective interest method. On at least a quarterly basis, the Company evaluates the collectability of interest of its Excess MSR's to determine whether they are impaired. An Excess MSR is impaired when, based on current information and events, it is probable that the Company will be unable to collect all amounts due according to the existing contractual terms.

The Company updates its estimate of the cash flows expected to be collected on at least a quarterly basis for Excess MSR's. In estimating these cash flows, there are a number of assumptions that will be subject to uncertainties and contingencies including both the rate and timing of interest receipts, and assumptions of prepayments, repurchases, defaults and liquidations. If there is a significant increase in expected cash flows over what was previously expected to be collected or if actual cash flows are significantly greater than cash flows previously expected, the Company will recognize these changes prospectively through an adjustment of the Excess MSR's yield over its remaining life. Decreases in cash flows expected to be collected from previously projected cash flows, which includes all cash flows originally expected to be collected by the investor plus any additional cash flows expected to be collected arising from changes in estimate after acquisition, may be recognized as impairment. Increases in interest income may be recognized on an Excess MSR on which the Company previously recorded an OTTI charge if the performance of such Excess MSR subsequently improves.

Investment consolidation and transfers of financial assets

For each investment made, the Company evaluates the underlying entity that issued the securities acquired or to which the Company makes a loan to determine the appropriate accounting. A similar analysis will be performed for each entity with which the Company enters into an agreement for management, servicing or related services. In performing the analysis, the Company refers to guidance in ASC 810-10, "Consolidation." In situations where the Company is the transferor of financial assets, the Company refers to the guidance in ASC 860-10 "Transfers and Servicing."

In variable interest entities ("VIEs"), an entity is subject to consolidation under ASC 810-10 if the equity investors either do not have sufficient equity at risk for the entity to finance its activities without additional subordinated financial support, are unable to direct the entity's activities or are not exposed to the entity's losses or entitled to its residual returns. VIEs within the scope of ASC 810-10 are required to be consolidated by their primary beneficiary. The primary beneficiary of a VIE is determined to be the party that has both the power to direct the activities of a VIE that most significantly impact the VIE's economic performance and the obligation to absorb losses of the VIE that could potentially be significant to the VIE or the right to receive benefits from the VIE that could potentially be significant to the VIE. This determination can sometimes involve complex and subjective analyses. Further, ASC 810-10 also requires ongoing assessments of whether an enterprise is the primary beneficiary of a VIE. In accordance with ASC 810-10, all transferees, including variable interest entities, must be evaluated for consolidation. See Note 3 for more detail.

The Company entered into a securitization transaction which resulted in the Company consolidating the VIE that was created to facilitate the transaction and to which the underlying assets in connection with the securitization were transferred. In determining the accounting treatment to be applied to this securitization transaction, the Company evaluated whether the entity used to facilitate this transaction was a VIE and, if so, whether it should be consolidated. Based on its evaluation, the Company concluded that the VIE should be consolidated. If the Company had determined that consolidation was not required, it would have then assessed whether the transfer of the underlying assets would qualify as a sale or should be accounted for as secured financings under GAAP. See Note 3 below for more detail.

The Company may periodically enter into transactions in which it transfers assets to a third party. Upon a transfer of financial assets, the Company will sometimes retain or acquire senior or subordinated interests in the related assets. Pursuant to ASC 860-10, a determination must be made as to whether a transferor has surrendered control over transferred financial assets. That determination must consider the transferor's continuing involvement in the transferred financial asset, including all arrangements or agreements made contemporaneously with, or in contemplation of, the transfer, even if they were not entered into at the time of the transfer. The financial components approach under ASC 860-10 limits the circumstances in which a financial asset, or portion of a financial asset, should be derecognized when the transferor has not transferred the entire original financial asset to an entity that is not consolidated with the transferor in the financial statements being presented and/or when the transferor has continuing involvement with the transferred financial asset. It defines the term "participating interest" to establish specific conditions for reporting a transfer of a portion of a financial asset as a sale.

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Under ASC 860-10, after a transfer of financial assets that meets the criteria for treatment as a sale—legal isolation, ability of transferee to pledge or exchange the transferred assets without constraint and transferred control—an entity recognizes the financial and servicing assets it acquired or retained and the liabilities it has incurred, derecognizes financial assets it has sold and derecognizes liabilities when extinguished. The transferor would then determine the gain or loss on sale of financial assets by allocating the carrying value of the underlying mortgage between securities or loans sold and the interests retained based on their fair values. The gain or loss on sale is the difference between the cash proceeds from the sale and the amount allocated to the securities or loans sold. When a transfer of financial assets does not qualify for sale accounting, ASC 860-10 requires the transfer to be accounted for as a secured borrowing with a pledge of collateral.

On February 12, 2016, the Company originated a \$12.0 million commercial loan and at closing, transferred a 15% or \$1.8 million interest in the loan (the “Participation Interest”) to an unaffiliated third party. The Company, as transferor, evaluated the transfer under ASC 860-10, and concluded the transferred participation interest should be accounted for as a secured borrowing. The Company has recorded the \$12.0 million commercial loan on its consolidated balance sheets as an asset in the “Commercial loans, at fair value” line item. The Company has recorded a \$1.8 million liability in the “Loan participation payable, at fair value” line item representing the transfer of the participation interest. The Company has chosen to make a fair value election on the consolidated interest pursuant to ASC 825. The holder of the participation interest has no recourse to the general credit of the Company. The commercial loan was paid off in full in February 2017. The principal and interest due on the Participation Interest was paid from these proceeds. See Note 4 for more detail.

From time to time, the Company may securitize mortgage loans it holds if such financing is available. These transactions will be recorded in accordance with ASC 860-10 and will be accounted for as either a “sale” and the loans will be removed from the consolidated balance sheets or as a “financing” and will be classified as “real estate securities” on the consolidated balance sheets, depending upon the structure of the securitization transaction. ASC 860-10 is a standard that may require the Company to exercise significant judgment in determining whether a transaction should be recorded as a “sale” or a “financing.”

Interest income recognition

Interest income on the Company’s real estate securities portfolio is accrued based on the actual coupon rate and the outstanding principal balance of such securities. The Company has elected to record interest in accordance with ASC 835-30-35-2 using the effective interest method for all securities accounted for under the fair value option (ASC 825). As such, premiums and discounts are amortized or accreted into interest income over the lives of the securities in accordance with ASC 310-20, “Nonrefundable Fees and Other Costs,” ASC 320-10 or ASC 325-40 as applicable. Total interest income is recorded in the “Interest income” line item on the consolidated statement of operations.

On at least a quarterly basis for securities accounted for under ASC 320-10 and ASC 310-20 (generally Agency RMBS, exclusive of interest-only securities), prepayments of the underlying collateral must be estimated, which directly affect the speed at which the Company amortizes premiums on its securities. If actual and anticipated cash flows differ from previous estimates, the Company recognizes a “catch-up” adjustment in the current period to the amortization of premiums for the impact of the cumulative change in the effective yield through the reporting date.

Similarly, the Company also reassesses the cash flows on at least a quarterly basis for securities accounted for under ASC 325-40 (generally Non-Agency RMBS, ABS, CMBS, interest-only securities and Excess MSRs). In estimating these cash flows, there are a number of assumptions that will be subject to uncertainties and contingencies. These include the rate and timing of principal and interest receipts (including assumptions of prepayments, repurchases, defaults and liquidations), the pass-through or coupon rate and interest rate fluctuations. In addition, interest payment shortfalls due to delinquencies on the underlying mortgage loans have to be estimated. Differences between previously estimated cash flows and current actual and anticipated cash flows are recognized prospectively through an adjustment of the yield over the remaining life of the security based on the current amortized cost of the investment as adjusted for credit impairment, if any.

Interest income on the Company’s loan portfolio is accrued based on the actual coupon rate and the outstanding principal balance of such loans. The Company has elected to record interest in accordance with ASC 835-30-35-2 using the effective interest method for all loans accounted for under the fair value option (ASC 825). Any amortization will be reflected as an adjustment to interest income in the consolidated statement of operations.

For security and loan investments purchased with evidence of deterioration of credit quality for which it is probable, at acquisition, that the Company will be unable to collect all contractually required payments receivable, the Company will apply the provisions of ASC 310-30. For purposes of income recognition, the Company may aggregate loans that have common risk characteristics into pools and uses a composite interest rate and expectation of cash flows expected to be collected for the pool. ASC 310-30 addresses accounting for differences between contractual cash flows and cash flows expected to be collected from an investor’s initial investment in loans or debt securities (loans) acquired in a transfer if those differences are attributable, at least in part, to credit quality. ASC 310-30 limits the yield that may be accreted (accretable yield) to the excess of the investor’s estimate of undiscounted expected principal, interest and other cash flows (cash flows expected at acquisition to be collected) over the investor’s initial investment in the loan. ASC 310-30 requires that the excess of contractual cash flows over cash flows expected to be collected (nonaccretable difference) not be recognized as an adjustment of yield, loss accrual or valuation allowance. Subsequent increases in cash flows expected to be collected generally should be recognized prospectively through an adjustment of the loan’s yield over its remaining life. Decreases in cash flows expected to be collected should be recognized as impairment.

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The Company's accrual of interest, discount accretion and premium amortization for U.S. federal and other tax purposes differs from the financial accounting treatment of these items as described above.

Repurchase agreements

The Company finances the acquisition of certain assets within its portfolio through the use of repurchase agreements. Repurchase agreements are treated as collateralized financing transactions and carried at primarily their contractual amounts, including accrued interest, as specified in the respective agreements. The carrying amount of the Company's repurchase agreements approximates fair value.

The Company pledges certain securities or loans as collateral under repurchase agreements with financial institutions, the terms and conditions of which are negotiated on a transaction-by-transaction basis. The amounts available to be borrowed are dependent upon the fair value of the securities or loans pledged as collateral, which fluctuates with changes in interest rates, type of security and liquidity conditions within the banking, mortgage finance and real estate industries. In response to declines in fair value of pledged assets, lenders may require the Company to post additional collateral or pay down borrowings to re-establish agreed upon collateral requirements, referred to as margin calls. As of June 30, 2018 and December 31, 2017, the Company has met all margin call requirements.

Accounting for derivative financial instruments

The Company enters into derivative contracts as a means of mitigating interest rate risk rather than to enhance returns. The Company accounts for derivative financial instruments in accordance with ASC 815-10, "Derivatives and Hedging." ASC 815-10 requires an entity to recognize all derivatives as either assets or liabilities on the balance sheet and to measure those instruments at fair value. Additionally, if or when hedge accounting is elected, the fair value adjustments will affect either other comprehensive income in stockholders' equity until the hedged item is recognized in earnings or net income depending on whether the derivative instrument is designated and qualifies as a hedge for accounting purposes and, if so, the nature of the hedging activity. As of June 30, 2018 and December 31, 2017, the Company did not have any interest rate derivatives designated as hedges. All derivatives have been recorded at fair value in accordance with ASC 820-10, with corresponding changes in value recognized in the consolidated statement of operations. The Company records derivative asset and liability positions on a gross basis with respect to its counterparties. The Company records the daily receipt or payment of variation margin associated with the Company's centrally cleared derivative instruments on a net basis. See Note 8 for a discussion of this accounting treatment. During the period in which the Company unwinds a derivative, it records a realized gain/(loss) in the "Net realized gain/(loss)" line item in the consolidated statement of operations.

To-be-announced securities

A to-be-announced security ("TBA") is a forward contract for the purchase or sale of Agency RMBS at a predetermined price, face amount, issuer, coupon and stated maturity on an agreed-upon future date. The specific Agency RMBS delivered into or received from the contract upon the settlement date, published each month by the Securities Industry and Financial Markets Association, are not known at the time of the transaction. The Company may also choose, prior to settlement, to move the settlement of these securities out to a later date by entering into an offsetting short or long position (referred to as a pair off), net settling the paired off positions for cash, simultaneously purchasing or selling a similar TBA contract for a later settlement date. This transaction is commonly referred to as a dollar roll. The Agency RMBS purchased or sold for a forward settlement date are typically priced at a discount to Agency RMBS for settlement in the current month. This difference, or discount, is referred to as the price drop. The price drop is the economic equivalent of net interest carry income on the underlying Agency RMBS over the roll period (interest income less implied financing cost) and is commonly referred to as dollar roll income/(loss). Consequently, forward purchases of Agency RMBS and dollar roll transactions represent a form of off-balance sheet financing. Dollar roll income is recognized in the consolidated statement of operations in the line item "Unrealized gain/(loss) on derivative and other instruments, net."

The Company presents the purchase or sale of TBAs net of the corresponding payable or receivable, respectively, until the settlement date of the transaction. Contracts for the purchase or sale of Agency RMBS are accounted for as derivatives if they do not qualify for the "regular way" security trade scope exception found in ASC 815-10. To be eligible for this scope exception, the contract must meet the following conditions: (1) there is no other way to purchase or sell that security, (2) delivery of that security and settlement will occur within the shortest period possible for that type of security, and (3) it is probable at inception and throughout the term of the individual contract that the contract will not settle net and will result in physical delivery of a security when it is issued. Unrealized gains and losses associated with TBA contracts not meeting the regular-way exception and not designated as hedging instruments are recognized in the consolidated statement of operations in the line item "Unrealized gain/(loss) on derivative and other instruments, net."

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U.S. Treasury securities

The Company may purchase long or sell short U.S. Treasury securities to help mitigate the potential impact of changes in interest rates. The Company may finance its purchase of U.S. Treasury securities with overnight repurchase agreements. The Company may borrow securities to cover short sales of U.S. Treasury securities through overnight reverse repurchase agreements, which are accounted for as borrowing transactions, and the Company recognizes an obligation to return the borrowed securities at fair value on its consolidated balance sheets based on the value of the underlying borrowed securities as of the reporting date. Interest income and expense associated with purchases and short sales of U.S. Treasury securities are recognized in “Interest income” and “Interest expense”, respectively, on the consolidated statement of operations. Realized and unrealized gains and losses associated with purchases and short sales of U.S. Treasury securities are recognized in “Net realized gain/(loss)” and “Unrealized gain/(loss) on derivative and other instruments, net,” respectively, on the consolidated statement of operations. As of June 30, 2018, and December 31, 2017, the Company had no positions in U.S. Treasury securities.

Short positions in U.S. Treasury securities through reverse repurchase agreements

The Company may sell short U.S. Treasury securities to help mitigate the potential impact of changes in interest rates. The Company may borrow securities to cover short sales of U.S. Treasury securities under reverse repurchase agreements, which are accounted for as borrowing transactions, and the Company recognizes an obligation to return the borrowed securities at fair value on its consolidated balance sheets based on the value of the underlying borrowed securities as of the reporting date. The Company establishes haircuts to ensure the market value of the underlying assets remain sufficient to protect the Company in the event of a default by a counterparty. Realized and unrealized gains and losses associated with purchases and short sales of U.S. Treasury securities are recognized in “Net realized gain/(loss)” and “Unrealized gain/(loss) on derivative and other instruments, net,” respectively, on the consolidated statement of operations. As of June 30, 2018, and December 31, 2017, the Company had no short positions in U.S. Treasury securities.

Manager compensation

The management agreement provides for payment to the Manager of a management fee. The management fee is accrued and expensed during the period for which it is calculated and earned. For a more detailed discussion on the fees payable under the management agreement, see Note 11.

Income taxes

The Company conducts its operations to qualify and be taxed as a REIT. Accordingly, the Company will generally not be subject to federal or state corporate income tax to the extent that the Company makes qualifying distributions to its stockholders, and provided that it satisfies on a continuing basis, through actual investment and operating results, the REIT requirements including certain asset, income, distribution and stock ownership tests. If the Company fails to qualify as a REIT, and does not qualify for certain statutory relief provisions, it will be subject to U.S. federal, state and local income taxes and may be precluded from qualifying as a REIT for the four taxable years following the year in which the Company fails to qualify as a REIT.

The dividends paid deduction of a REIT for qualifying dividends to its stockholders is computed using the Company’s taxable income/(loss) as opposed to net income/(loss) reported on the Company’s GAAP financial statements. Taxable income/(loss), generally, will differ from net income/(loss) reported on the financial statements because the determination of taxable income/(loss) is based on tax principles and not financial accounting principles.

The Company elected to treat certain domestic subsidiaries as taxable REIT subsidiaries (“TRSs”) and may elect to treat other subsidiaries as TRSs. In general, a TRS may hold assets and engage in activities that the Company cannot hold or engage in directly and generally may engage in any real estate or non-real estate-related business.

A domestic TRS may declare dividends to the Company which will be included in the Company’s taxable income/(loss) and necessitate a distribution to stockholders. Conversely, if the Company retains earnings at the domestic TRS level, no distribution is required and the Company can increase book equity of the consolidated entity. A domestic TRS is subject to U.S. federal, state and local corporate income taxes.

The Company elected to treat one of its foreign subsidiaries as a TRS and, accordingly, taxable income generated by this foreign TRS may not be subject to local income taxation, but generally will be included in the Company’s income on a current basis as Subpart F income, whether or not distributed.

The Company’s financial results are generally not expected to reflect provisions for current or deferred income taxes, except for any activities conducted through one or more TRSs that are subject to corporate income taxation. The Company believes that it will operate in a manner that will allow it to qualify for taxation as a REIT. As a result of the Company’s expected REIT qualification, it does not generally expect to pay federal or state corporate income tax. Many of the REIT requirements, however, are highly technical and complex. If the Company were to fail to meet the REIT requirements, it would be subject to federal income taxes and applicable state and local taxes.

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As a REIT, if the Company fails to distribute in any calendar year (subject to specific timing rules for certain dividends paid in January) at least the sum of (i) 85% of its ordinary income for such year, (ii) 95% of its capital gain net income for such year, and (iii) any undistributed taxable income from the prior year, the Company would be subject to a non-deductible 4% excise tax on the excess of such required distribution over the sum of (i) the amounts actually distributed and (ii) the amounts of income retained and on which the Company has paid corporate income tax.

The Company evaluates uncertain income tax positions, if any, in accordance with ASC 740, "Income Taxes." The Company classifies interest and penalties, if any, related to unrecognized tax benefits as a component of provision for income taxes. See Note 10 for further details.

Stock-based compensation

The Company applies the provisions of ASC 718, "Compensation—Stock Compensation" with regard to its equity incentive plans. ASC 718 covers a wide range of share-based compensation arrangements including stock options, restricted stock plans, performance-based awards, stock appreciation rights and employee stock purchase plans. ASC 718 requires that compensation cost relating to stock-based payment transactions be recognized in financial statements. Compensation cost is measured based on the fair value of the equity or liability instruments issued.

Compensation cost related to restricted common shares issued to the Company's directors is measured at its estimated fair value at the grant date, and is amortized and expensed over the vesting period on a straight-line basis. Compensation cost related to restricted common shares and restricted stock units issued to the Manager is initially measured at estimated fair value at the grant date, and is remeasured on subsequent dates to the extent the awards are unvested. Restricted stock units granted to the Manager do not entitle the participant the rights of a shareholder of the Company's common stock, such as dividend and voting rights, until shares are issued in settlement of the vested units. The restricted stock units are not considered to be participating shares. Restricted stock units are measured at fair value reduced by the present value of the dividends expected to be paid on the underlying shares during the requisite service period, discounted at an assumed risk free rate. The Company has elected to use the straight-line method to amortize compensation expense for restricted stock units.

Recent accounting pronouncements

In August 2016, the FASB issued ASU 2016-15, "Classification of Certain Cash Receipts and Cash Payments," ("ASU 2016-15"). ASU 2016-15 addresses eight specific cash flow issues with the objective of reducing existing diversity of how certain cash receipts and cash payments are presented. These specific issues include debt prepayment and debt extinguishment costs, settlement of zero-coupon debt, proceeds from the settlement of insurance claims, and beneficial interests in securitization transactions, among others. The adoption of this standard reclassified certain items on the Company's consolidated statement of cash flows between the "Cash flows from Operating Activities" and the "Cash Flows from Investing Activities" line items as it pertains to the settlement of certain instruments. The Company adopted ASU 2016-15 in the first quarter of 2018 and applied the guidance retrospectively to its prior period consolidated statement of cash flows.

In November 2016, the FASB issued ASU 2016-18, Statement of Cash Flows (Topic 230): Restricted Cash. The amendments in this update require that a statement of cash flows explain the change during the period in the total of cash, cash equivalents, and amounts generally described as restricted cash or restricted cash equivalents. The adoption of this standard required the Company to reconcile changes in cash, cash equivalents, and restricted cash on the consolidated statement of cash flows. As a result, the Company no longer presents transfers between cash and cash equivalents and restricted cash in the statement of cash flows. The Company adopted ASU 2016-18 in the first quarter of 2018 and applied the guidance retrospectively to its prior period consolidated statement of cash flows.

In June 2016, the FASB issued ASU 2016-13, "Financial Instruments – Credit Losses," ("ASU 2016-13"). ASU 2016-13 introduces a new model related to the accounting for credit losses on instruments, specifically, financial assets subject to credit losses and measured at amortized cost and certain off-balance sheet credit exposures. ASU 2016-13 amends the current guidance, requiring an OTTI charge only when fair value is below the amortized cost of an asset. The length of time the fair value of an available-for-sale debt security has been below the amortized cost will no longer impact the determination of whether a credit loss exists. As such, it is no longer an other-than-temporary model. In addition, credit losses on available-for-sale debt securities will now be limited to the difference between the security's amortized cost basis and its fair value. The new debt security model will also require the use of an allowance to record estimated credit losses. The new guidance also expands the disclosure requirements regarding an entity's assumptions, and models. In addition, public entities will need to disclose the amortized cost balance for each class of financial asset by credit quality indicator, disaggregated by the year of origination (i.e., by vintage year). ASU 2016-13 is effective for fiscal years beginning after December 15, 2019, and interim periods within those fiscal years. The Company is currently evaluating its method of adoption and the impact this ASU will have on its consolidated financial statements.

In March 2017, the FASB issued ASU 2017-08, "Premium Amortization of Purchased Callable Debt Securities" ("ASU 2017-08"). The amendments in this update require purchase premiums for investments in debt securities that are noncontingently callable by the issuer (at a fixed price and preset date) to be amortized to the earliest call date. Previously, purchase premiums for such investments were permitted to be amortized to the instrument's maturity date. ASU 2017-08 is effective for public business entities for fiscal years beginning after December 15, 2018 and interim periods within those years. The Company is currently assessing the impact this guidance will have on its consolidated financial statements.

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In June 2018, the FASB issued ASU 2018-07, “Improvements to Nonemployee Share-Based Payment Accounting” (“ASU 2018-07”). The standard largely aligns the accounting for share-based payment awards issued to employees and nonemployees. Equity-classified share-based payment awards issued to nonemployees will be measured on the grant date, instead of being remeasured through the performance completion date (generally the vesting date), as required under the current guidance. The standard is to be applied on a modified retrospective basis through a cumulative-effect adjustment to retained earnings as of the beginning of the fiscal year when adopted. The standard is effective for public business entities for fiscal years beginning after December 15, 2018 and interim periods within those years. The Company is currently assessing the impact this guidance will have on its consolidated financial statements.

3. Real Estate Securities

The following tables detail the Company’s real estate securities portfolio as of June 30, 2018 and December 31, 2017. The Company’s Agency RMBS are mortgage pass-through certificates or collateralized mortgage obligations (“CMOs”) representing interests in or obligations backed by pools of residential mortgage loans issued or guaranteed by Fannie Mae, Freddie Mac or Ginnie Mae. The Company’s Non-Agency RMBS, ABS and CMBS portfolios are primarily not issued or guaranteed by Fannie Mae, Freddie Mac or any agency of the U.S. Government and are therefore subject to credit risk. The principal and interest payments on Agency RMBS securities have an explicit guarantee by either an agency of the U.S. government or a U.S government-sponsored entity.

The following table details the Company’s real estate securities portfolio as of June 30, 2018:

				Gross Unrealized (1)			Weighted Average	
	Current Face	Premium / (Discount)	Amortized Cost	Gains	Losses	Fair Value	Coupon (2)	Yield
Agency RMBS:								
30 Year Fixed Rate	\$ 1,744,052,949	\$ 52,134,603	\$ 1,796,187,552	\$ 1,100,504	\$ (25,173,693)	\$ 1,772,114,363	3.87%	3.45%
Fixed Rate CMO	48,555,453	373,443	48,928,896	-	(763,693)	48,165,203	3.00%	2.80%
ARM	112,452,842	249,941	112,702,783	-	(1,922,206)	110,780,577	2.42%	2.85%
Interest Only	657,244,631	(543,347,263)	113,897,368	1,859,804	(2,027,513)	113,729,659	3.75%	7.75%
Total Agency:	2,562,305,875	(490,589,276)	2,071,716,599	2,960,308	(29,887,105)	2,044,789,802	3.76%	3.64%
Credit Investments:								
Non-Agency RMBS	963,580,656	(200,563,564)	763,017,092	59,848,020	(3,789,337)	819,075,775	4.63%	6.62%
Non-Agency RMBS Interest Only	335,341,583	(332,089,320)	3,252,263	141,996	(523,105)	2,871,154	0.53%	15.84%
Total Non-Agency:	1,298,922,239	(532,652,884)	766,269,355	59,990,016	(4,312,442)	821,946,929	3.98%	6.65%
ABS	39,817,063	(2,488,221)	37,328,842	445,154	(18,644)	37,755,352	8.84%	9.00%
CMBS	212,840,112	(44,960,274)	167,879,838	1,102,784	(1,829,763)	167,152,859	5.93%	6.50%
CMBS Interest Only	1,941,715,126	(1,901,631,424)	40,083,702	3,130,403	(31,800)	43,182,305	0.37%	6.83%
Total CMBS:	2,154,555,238	(1,946,591,698)	207,963,540	4,233,187	(1,861,563)	210,335,164	0.81%	6.57%
Total	\$ 6,055,600,415	\$ (2,972,322,079)	\$ 3,083,278,336	\$ 67,628,665	\$ (36,079,754)	\$ 3,114,827,247	2.76%	4.70%

(1) The Company has chosen to make a fair value election pursuant to ASC 825 for its real estate securities portfolio. Unrealized gains and losses are recognized in current period earnings in the “Unrealized gain/(loss) on real estate securities and loans, net” line item in the consolidated statement of operations. The gross unrealized stated above represents inception to date unrealized gains/(losses).

(2) Equity residual investments and principal only securities with a zero coupon rate are excluded from this calculation.

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The following table details the Company's real estate securities portfolio as of December 31, 2017:

				Gross Unrealized (1)			Weighted Average	
	Current Face	Premium / (Discount)	Amortized Cost	Gains	Losses	Fair Value	Coupon (2)	Yield
Agency RMBS:								
30 Year Fixed Rate	\$ 1,848,172,215	\$ 81,133,356	\$ 1,929,305,571	\$ 5,124,870	\$ (5,397,445)	\$ 1,929,032,996	3.79%	3.13%
Fixed Rate CMO	52,263,914	406,502	52,670,416	280,340	-	52,950,756	3.00%	2.79%
ARM	176,560,807	(834,745)	175,726,062	683,254	(21,920)	176,387,396	2.35%	2.83%
Interest Only	644,238,995	(554,353,362)	89,885,633	1,608,431	(2,704,177)	88,789,887	3.27%	6.84%
Total Agency:	2,721,235,931	(473,648,249)	2,247,587,682	7,696,895	(8,123,542)	2,247,161,035	3.56%	3.25%
Credit Investments:								
Non-Agency RMBS	1,165,533,510	(228,542,116)	936,991,394	66,812,751	(2,210,053)	1,001,594,092	4.45%	6.10%
Non-Agency RMBS Interest Only	371,297,100	(367,976,760)	3,320,340	129,480	(788,254)	2,661,566	0.30%	10.49%
Total Non-Agency:	1,536,830,610	(596,518,876)	940,311,734	66,942,231	(2,998,307)	1,004,255,658	3.38%	6.12%
ABS	40,655,000	(438,491)	40,216,509	741,044	-	40,957,553	7.61%	8.27%
CMBS	221,305,103	(51,818,496)	169,486,607	1,059,546	(1,079,582)	169,466,571	5.58%	6.23%
CMBS Interest Only	2,021,260,566	(1,974,312,498)	46,948,068	3,778,264	(24,398)	50,701,934	0.40%	6.63%
Total CMBS:	2,242,565,669	(2,026,130,994)	216,434,675	4,837,810	(1,103,980)	220,168,505	0.80%	6.32%
Total	\$ 6,541,287,210	\$ (3,096,736,610)	\$ 3,444,550,600	\$ 80,217,980	\$ (12,225,829)	\$ 3,512,542,751	2.60%	4.32%

(1) The Company has chosen to make a fair value election pursuant to ASC 825 for its real estate securities portfolio. Unrealized gains and losses are recognized in current period earnings in the "Unrealized gain/(loss) on real estate securities and loans, net" line item in the consolidated statement of operations. The gross unrealized stated above represents inception to date unrealized gains/(losses).

(2) Equity residual investments and principal only securities with a zero coupon rate are excluded from this calculation.

The following table presents the gross unrealized losses and fair value of the Company's real estate securities by length of time that such securities have been in a continuous unrealized loss position on June 30, 2018 and December 31, 2017:

As of	Less than 12 months		Greater than 12 months	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
June 30, 2018	\$1,770,772,474	\$(32,717,705)	\$ 90,665,044	\$(3,362,049)
December 31, 2017	1,116,925,170	(8,011,731)	188,434,092	(4,214,098)

As described in Note 2, the Company evaluates securities for OTTI on at least a quarterly basis. The determination of whether a security is other-than-temporarily impaired involves judgments and assumptions based on subjective and objective factors. When the fair value of a real estate security is less than its amortized cost at the balance sheet date, the security is considered impaired, and the impairment is designated as either "temporary" or "other-than-temporary."

For the three months ended June 30, 2018 the Company recognized an OTTI charge of \$0.7 million on its securities, which is included in the "Net realized gain/(loss)" line item on the consolidated statement of operations. The Company recorded \$0.7 million of OTTI due to an adverse change in cash flows on certain securities where the fair values of the securities were less than their carrying amounts. Of the \$0.7 million of OTTI recorded, \$0.5 million related to securities where OTTI was not recognized in a prior year.

For the six months ended June 30, 2018 the Company recognized an OTTI charge of \$1.7 million on its securities, which is included in the "Net realized gain/(loss)" line item on the consolidated statement of operations. The Company recorded \$1.7 million of OTTI due to an adverse change in cash flows on certain securities where the fair values of the securities were less than their carrying amounts. Of the \$1.7 million of OTTI recorded, \$1.1 million related to securities where OTTI was not recognized in a prior year.

For the three months ended June 30, 2017 the Company recognized an OTTI charge of \$1.8 million on its securities, which is included in the "Net realized gain/(loss)" line item on the consolidated statement of operations. Of this amount, \$0.9 million was recognized on one security in an unrealized loss position which the Company demonstrated intent to sell, and the charge represents a write-down of cost to fair value as of the reporting date. The Company recorded \$0.9 million of OTTI due to an adverse change in cash flows on certain securities where the fair values of the securities were less than their carrying amounts. For the three months ended June 30, 2017, all of the OTTI recorded pertained to securities where OTTI was recognized in a prior year.

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For the six months ended June 30, 2017 the Company recognized an OTTI charge of \$4.5 million on its securities, which is included in the “Net realized gain/(loss)” line item on the consolidated statement of operations. Of this amount, \$1.9 million was recognized on three securities in an unrealized loss position which the Company demonstrated intent to sell, and the charge represents a write-down of cost to fair value as of the reporting date. The Company recorded \$2.6 million of OTTI due to an adverse change in cash flows on certain securities where the fair values of the securities were less than their carrying amounts. Of the \$4.5 million of OTTI recorded, \$1.1 million related to securities where OTTI was not recognized in a prior year.

The decline in value of the remaining real estate securities is solely due to market conditions and not the credit quality of the assets. The investments in any remaining unrealized loss positions are not considered other than temporarily impaired because the Company currently has the ability and intent to hold the investments to maturity or for a period of time sufficient for a forecasted market price recovery up to or beyond the cost of the investments and the Company is not required to sell the investments for regulatory or other reasons.

The following table details weighted average life broken out by Agency RMBS, Agency Interest-Only (“IO”) and Credit Securities as of June 30, 2018:

Weighted Average Life (3)	Agency RMBS (1)			Agency IO			Credit Investments (2)		
	Fair Value	Amortized Cost	Weighted Average Coupon	Fair Value	Amortized Cost	Weighted Average Coupon	Fair Value	Amortized Cost	Weighted Average Coupon (4)
Less than or equal to 1 year	\$ -	\$ -	-	\$ -	\$ -	-	\$ 67,308,265	\$ 67,514,009	0.46%
Greater than one year and less than or equal to five years	158,976,558	161,662,626	2.59%	19,417,060	18,534,551	3.02%	429,040,535	416,209,542	1.82%
Greater than five years and less than or equal to ten years	1,412,577,947	1,435,730,973	3.89%	94,312,599	95,362,817	4.02%	412,502,055	385,059,655	3.13%
Greater than ten years	359,505,638	360,425,632	3.79%	-	-	-	161,186,590	142,778,531	5.59%
Total	\$1,931,060,143	\$ 1,957,819,231	3.76%	\$113,729,659	\$ 113,897,368	3.75%	\$ 1,070,037,445	\$ 1,011,561,737	1.96%

(1) For purposes of this table, Agency RMBS represent securities backed by Fixed Rate 30 Year mortgages, ARMs and Fixed Rate CMOs.

(2) For purposes of this table, Credit Investments represent Non-Agency RMBS, ABS, CMBS and Interest Only credit securities.

(3) Actual maturities of mortgage-backed securities are generally shorter than stated contractual maturities. Maturities are affected by the contractual lives of the underlying mortgages, periodic payments of principal and prepayments of principal.

(4) Equity residual investments and principal only securities with a zero coupon rate are excluded from this calculation.

The following table details weighted average life broken out by Agency RMBS, Agency IO and Credit Securities as of December 31, 2017:

Weighted Average Life (3)	Agency RMBS (1)			Agency IO			Credit Investments (2)		
	Fair Value	Amortized Cost	Weighted Average Coupon	Fair Value	Amortized Cost	Weighted Average Coupon	Fair Value	Amortized Cost	Weighted Average Coupon (4)
Less than or equal to 1 year	\$ -	\$ -	-	\$ -	\$ -	-	\$ 117,531,313	\$ 117,804,751	2.15%
Greater than one year and less than or equal to five years	229,338,153	228,396,478	2.50%	28,836,904	29,519,508	2.36%	477,066,079	460,333,652	1.07%
Greater than five years and less than or equal to ten years	1,865,474,374	1,865,706,312	3.79%	59,952,983	60,366,125	4.36%	482,183,493	452,403,504	2.87%
Greater than ten years	63,558,621	63,599,259	3.50%	-	-	-	188,600,831	166,421,011	5.31%
Total	\$2,158,371,148	\$ 2,157,702,049	3.64%	\$ 88,789,887	\$ 89,885,633	3.27%	\$ 1,265,381,716	\$ 1,196,962,918	1.89%

(1) For purposes of this table, Agency RMBS represent securities backed by Fixed Rate 30 Year mortgages, ARMs and Fixed Rate CMOs.

(2) For purposes of this table, Credit Investments represent Non-Agency RMBS, ABS, CMBS and Interest Only credit securities.

(3) Actual maturities of mortgage-backed securities are generally shorter than stated contractual maturities. Maturities are affected by the contractual lives of the underlying mortgages, periodic payments of principal and prepayments of principal.

(4) Equity residual investments and principal only securities with a zero coupon rate are excluded from this calculation.

For the three months ended June 30, 2018, the Company sold 48 securities for total proceeds of \$586.3 million, recording realized gains of \$0.3 million and realized losses of \$17.1 million. For the six months ended June 30, 2018, the Company sold 105 securities for total proceeds of \$1.3 billion, recording realized gains of \$6.2 million and realized losses of \$35.5 million.

For the three months ended June 30, 2017, the Company sold 15 securities for total proceeds of \$141.8 million, recording realized gains of \$0.5 million and realized losses of \$1.4 million. For the six months ended June 30, 2017, the Company sold 30 securities for total proceeds of \$260.9 million, recording realized gains of \$1.0 million and realized losses of \$2.1 million.

See Notes 4 and 8 for amounts realized on sales of loans and the settlement of certain derivatives, respectively.

A Special Purpose Entity (“SPE”) is an entity designed to fulfill a specific limited need of the company that organized it. SPEs are often used to facilitate transactions that involve securitizing financial assets or resecuritizing previously securitized financial assets. The objective of such transactions may include obtaining non-recourse financing, obtaining liquidity or refinancing the underlying securitized financial assets on improved terms. Securitization involves transferring assets to a SPE to convert all or a portion of those assets into cash before they would have been realized in the normal course of business through the SPE’s issuance of debt or equity instruments. Investors in an SPE usually have recourse only to the assets in the SPE and depending on the overall structure of the transaction, may benefit from various forms of credit enhancement, such as over-collateralization in the form of excess assets in the SPE, priority with respect to receipt of cash flows relative to holders of other debt or equity instruments issued by the SPE, or a line of credit or other form of liquidity agreement that is designed with the objective of ensuring that investors receive principal and/or interest cash flow on the investment in accordance with the terms of their investment agreement. See Note 2 for more detail.

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The Company previously entered into a securitization transaction that resulted in the Company consolidating the VIE created with the SPE which was used to facilitate the transaction. The Company concluded that the entity created to facilitate this transaction was a VIE. The Company also determined that the VIE created to facilitate the securitization transaction should be consolidated by the Company and treated as a secured borrowing, based on the Company's involvement in the VIE, including the design and purpose of the SPE, and whether the Company's involvement reflected a controlling financial interest that resulted in the Company being deemed the primary beneficiary of the VIE.

The following table details certain information on the Company's consolidated VIE as of June 30, 2018:

	Current Face	Fair Value	Weighted Average		
			Coupon	Yield	Life (Years) (1)
Consolidated tranche (2)	\$ 13,872,792	\$ 13,984,245	3.73%	4.37%	2.70
Retained tranche	8,519,101	6,345,307	3.52%	17.46%	8.87
Total securitized asset	\$ 22,391,893	\$ 20,329,552	3.65%	8.46%	5.05

(1) Actual maturities of investments and loans are generally shorter than stated contractual maturities. Maturities are affected by the contractual lives of the underlying mortgages, periodic payments of principal and prepayments of principal.

(2) As of June 30, 2018, the fair market value of the consolidated tranche is included in the Company's consolidated balance sheets as "Non-Agency RMBS". As of June 30, 2018, the Company has recorded secured financing of \$14.0 million on the consolidated balance sheets in the "Securitized debt, at fair value" line item. The Company recorded the proceeds from the issuance of the secured financing in the "Cash Flows from Financing Activities" section of the consolidated statement of cash flows at the time of securitization.

The following table details certain information on the Company's consolidated VIE as of December 31, 2017:

	Current Face	Fair Value	Weighted Average		
			Coupon	Yield	Life (Years) (1)
Consolidated tranche (2)	\$ 16,354,718	\$ 16,477,801	3.11%	3.92%	2.95
Retained tranche	8,617,903	6,100,571	4.28%	15.48%	9.04
Total securitized asset	\$ 24,972,621	\$ 22,578,372	3.51%	7.04%	5.05

(1) Actual maturities of investments and loans are generally shorter than stated contractual maturities. Maturities are affected by the contractual lives of the underlying mortgages, periodic payments of principal and prepayments of principal.

(2) As of December 31, 2017, the fair market value of the consolidated tranche is included in the Company's consolidated balance sheets as "Non-Agency RMBS". As of December 31, 2017, the Company has recorded secured financing of \$16.5 million on the consolidated balance sheets in the "Securitized debt, at fair value" line item. The Company recorded the proceeds from the issuance of the secured financing in the "Cash Flows from Financing Activities" section of the consolidated statement of cash flows at the time of securitization.

The holders of the consolidated tranche have no recourse to the general credit of the Company. The Company has no obligation to provide any other explicit or implicit support to any VIE.

4. Loans

Residential mortgage loans

In June 2018, the Company purchased a residential mortgage loan portfolio with an aggregate unpaid principal balance and acquisition fair value of \$86.3 million and \$76.3 million, respectively, net of sales.

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The table below details certain information regarding the Company's residential mortgage loan portfolio as of June 30, 2018:

	Unpaid Principal Balance	Premium (Discount)	Amortized Cost	Gross Unrealized (1)		Fair Value	Weighted Average		
				Gains	Losses		Coupon	Yield	Life (Years) (2)
Residential mortgage loans	\$ 107,872,692	\$ (16,328,505)	\$ 91,544,187	\$ 1,706,872	\$ (121,790)	\$ 93,129,269	4.14%	6.80%	7.85

(1) The Company has chosen to make a fair value election pursuant to ASC 825 for its loan portfolio. Unrealized gains and losses are recognized in current period earnings in the "Unrealized gain/(loss) on real estate securities and loans, net" line item. The gross unrealized stated above represents inception to date unrealized gains (losses).

(2) Actual maturities of residential mortgage loans are generally shorter than stated contractual maturities. Maturities are affected by the lives of the underlying mortgages, periodic payments of principal and prepayments of principal.

The table below details certain information regarding the Company's residential mortgage loan portfolio as of December 31, 2017:

	Unpaid Principal Balance	Premium (Discount)	Amortized Cost	Gross Unrealized (1)		Fair Value	Weighted Average		
				Gains	Losses		Coupon	Yield	Life (Years) (2)
Residential mortgage loans	\$ 25,675,566	\$ (7,792,057)	\$ 17,883,509	\$ 1,006,184	\$ -	\$ 18,889,693	3.10%	12.24%	5.67

(1) The Company has chosen to make a fair value election pursuant to ASC 825 for its loan portfolio. Unrealized gains and losses are recognized in current period earnings in the "Unrealized gain/(loss) on real estate securities and loans, net" line item. The gross unrealized stated above represents inception to date unrealized gains (losses).

(2) Actual maturities of residential mortgage loans are generally shorter than stated contractual maturities. Maturities are affected by the lives of the underlying mortgages, periodic payments of principal and prepayments of principal.

The table below details information regarding the Company's re-performing and non-performing residential mortgage loans as of June 30, 2018 and December 31, 2017:

	June 30, 2018		December 31, 2017	
	Fair Value	Unpaid Principal Balance	Fair Value	Unpaid Principal Balance
Re-Performing	\$ 48,958,703	\$ 57,015,094	\$ 7,068,795	\$ 9,543,318
Non-Performing	44,170,566	50,857,598	11,820,898	16,132,248
	\$ 93,129,269	\$ 107,872,692	\$ 18,889,693	\$ 25,675,566

As described in Note 2, the Company evaluates loans for OTTI on at least a quarterly basis. The determination of whether a loan is other-than-temporarily impaired involves judgments and assumptions based on subjective and objective factors. When the fair value of a loan is less than its amortized cost at the balance sheet date, the loan is considered impaired, and the impairment is designated as either "temporary" or "other-than-temporary."

No OTTI was recorded for the three and six months ended June 30, 2018 on the Company's residential mortgage loans.

For the three and six months ended June 30, 2017 the Company recognized \$0.4 million of OTTI on certain loan pools, which is included in the "Net realized gain/(loss)" line item on the consolidated statement of operations. The Company recorded the \$0.4 million of OTTI due to an adverse change in cash flows where the fair values of the securities were less than their carrying amounts. The \$0.4 million related to non-performing loan pools with an unpaid principal balance of \$9.8 million and an average fair market value of \$7.7 million and \$8.1 million for the three and six months ended June 30, 2017, respectively.

As of June 30, 2018 and December 31, 2017 the Company had residential mortgage loans that were in the process of foreclosure with a fair value of \$11.1 million and \$9.1 million, respectively.

The Company's mortgage loan portfolio consisted of mortgage loans on residential real estate located throughout the U.S. The following is a summary of certain concentrations of credit risk within the Company's mortgage loan portfolio:

Concentration of Credit Risk	June 30, 2018	December 31, 2017
Percentage of fair value of mortgage loans secured by properties in the following states:		
Representing 5% or more of fair value:		
California	27%	7%
New York	10%	37%
Florida	8%	1%
Maryland	5%	7%
New Jersey	5%	6%

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The Company records interest income on a level-yield basis. The accretable discount is determined by the excess of the Company's estimate of undiscounted principal, interest, and other cash flows expected to be collected over its initial investment in the mortgage loan. The following is a summary of the changes in the accretable portion of discounts for the three and six months ended June 30, 2018 and June 30, 2017, respectively:

	Three Months Ended		Six Months Ended	
	June 30, 2018	June 30, 2017	June 30, 2018	June 30, 2017
Beginning Balance	\$ 9,824,687	\$ 18,725,471	\$ 9,318,058	\$ 18,281,517
Additions	36,442,554	-	36,442,554	-
Accretion	(542,322)	(708,857)	(1,032,951)	(1,462,394)
Reclassifications from/(to) non-accretable difference	824,509	1,909,368	1,821,767	3,381,708
Disposals	(1,499,455)	(9,584,506)	(1,499,455)	(9,859,355)
Ending Balance	\$ 45,049,973	\$ 10,341,476	\$ 45,049,973	\$ 10,341,476

As of June 30, 2018, the Company's residential mortgage loan portfolio was comprised of 641 conventional loans with original loan balances between \$10,000 and \$1.9 million.

As of December 31, 2017, the Company's residential mortgage loan portfolio was comprised of 125 conventional loans with original loan balances between \$9,000 and \$1.1 million.

For the three and six months ended June 30, 2018, the Company sold 150 loans for total proceeds of \$31.0 million, recording realized gains of \$0.7 million and realized losses of \$0.1 million. For the three months ended June 30, 2017, the Company sold 60 loans for total proceeds of \$9.3 million, recording realized gains of \$2.6 million and realized losses of \$0.2 million. For the six months ended June 30, 2017, the Company sold 66 loans for total proceeds of \$10.2 million, recording realized gains of \$2.6 million and realized losses of \$0.3 million. In addition, for the three and six months ended June 30, 2017, the Company received \$3.6 million of proceeds from sold loans which were unsettled at December 31, 2016.

Commercial loans

The following table presents detail on the Company's commercial loan portfolio on June 30, 2018.

Loan (2) (7)	Current Face	Premium (Discount)	Amortized Cost	Gross Unrealized (1)		Fair Value	Weighted Average			Initial Stated Maturity Date	Extended Maturity Date (8)	Location
				Gains	Losses		Coupon (5)	Yield	Life (Years) (6)			
Loan B (3)	\$ 32,800,000	\$ -	\$ 32,800,000	\$ -	\$ -	\$ 32,800,000	6.76%	7.14%	1.03	July 1, 2016	July 1, 2019	TX
Loan F (4)	10,416,666	(17,354)	10,399,312	17,354	-	10,416,666	13.05%	15.02%	0.20	September 9, 2018	September 9, 2019	MN
	\$ 43,216,666	\$ (17,354)	\$ 43,199,312	\$ 17,354	\$ -	\$ 43,216,666	8.28%	9.04%	0.83			

(1) The Company has chosen to make a fair value election pursuant to ASC 825 for its loan portfolio. Unrealized gains and losses are recognized in current period earnings in the "Unrealized gain/(loss) on real estate securities and loans, net" line item. The gross unrealized columns above represent inception to date unrealized gains (losses).

(2) Loan E paid off at par in Q2 2018, with the Company receiving \$14.5 million of principal proceeds.

(3) Loan B is comprised of a first mortgage and mezzanine loan of \$31.8 million and \$1.0 million, respectively. As of June 30, 2018, Loan B has been extended to the extended maturity date shown above.

(4) Loan F is a mezzanine loan of up to \$14.6 million, of which \$10.4 million has been advanced.

(5) Each commercial loan investment has a variable coupon rate.

(6) Actual maturities of commercial mortgage loans may be shorter than stated contractual maturities. Maturities are affected by prepayments of principal.

(7) The Company has the contractual right to receive a balloon payment.

(8) Represents the maturity date of the last possible extension option.

The following table presents detail on the Company's commercial loan portfolio on December 31, 2017.

Loan (7)	Current Face	Premium (Discount)	Amortized Cost	Gross Unrealized (1)		Fair Value	Weighted Average			Initial Stated Maturity Date	Extended Maturity Date (8)	Location
				Gains	Losses		Coupon (5)	Yield	Life (Years) (6)			
Loan B												
(2)	\$ 32,800,000	\$ -	\$ 32,800,000	\$ -	\$ -	\$ 32,800,000	6.14%	6.52%	1.53	July 1, 2016	July 1, 2019	TX
Loan E												
(3)	14,521,806	(1,027,510)	13,494,296	809,684	-	14,303,980	9.83%	12.70%	3.01	April 9, 2017	April 9, 2021	Various
Loan F												
(4)	10,416,666	(76,512)	10,340,154	76,512	-	10,416,666	12.43%	13.98%	0.70	September 9, 2018	September 9, 2019	MN
	\$ 57,738,472	\$ (1,104,022)	\$ 56,634,450	\$ 886,196	\$ -	\$ 57,520,646	8.20%	9.41%	1.76			

(1) The Company has chosen to make a fair value election pursuant to ASC 825 for its loan portfolio. Unrealized gains and losses are recognized in current period earnings in the "Unrealized gain/(loss) on real estate securities and loans, net" line item. The gross unrealized columns above represent inception to date unrealized gains (losses).

(2) Loan B is comprised of a first mortgage and mezzanine loan of \$31.8 million and \$1.0 million, respectively. As of December 31, 2017, Loan B has been extended to the extended maturity date shown above.

(3) Loan E is a mezzanine loan. As of December 31, 2017, Loan E has been extended to April 9, 2018.

(4) Loan F is a mezzanine loan of up to \$14.6 million, of which \$10.4 million has been advanced.

(5) Each commercial loan investment has a variable coupon rate.

(6) Actual maturities of commercial mortgage loans may be shorter than stated contractual maturities. Maturities are affected by prepayments of principal.

(7) The Company has the contractual right to receive a balloon payment.

(8) Represents the maturity date of the last possible extension option.

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In February 2016, the Company originated a \$12.0 million commercial loan and, at closing, transferred a 15.0%, or \$1.8 million, participation interest in the loan (the “Participation Interest”) to an unaffiliated third party. The Participation Interest did not meet the sales criteria established under ASC 860; therefore, the entire commercial loan has been recorded as an asset in the “Commercial loans, at fair value” line item on the Company’s consolidated balance sheets, referred to in the above table as “Loan D.” The weighted average coupon and yield on the commercial loan was 10.62% and 14.33%, respectively, at December 31, 2016. A \$1.8 million liability was recorded in the “Loan participation payable, at fair value” line item on the Company’s consolidated balance sheets representing the transfer of the Participation Interest. The Company recorded the origination of the commercial loan in the “Cash Flows from Investing Activities” section and the proceeds from the transfer in the “Cash Flows from Financing Activities” section of the consolidated statement of cash flows. The weighted average coupon and yield on the Participation Interest was 10.62% and 21.70%, respectively, at December 31, 2016. In February 2017, the Company received \$12.0 million of proceeds from the pay-off of Loan D. The principal and interest due on the Participation Interest was paid from these proceeds.

During the three and six months ended June 30, 2018, the Company recorded \$0.1 and \$1.1 million of discount accretion, respectively, on its commercial loans. The decrease in discount accretion is a result of the recognition of most of the outstanding discount on a commercial loan which paid off at par in April 2018, in which the Company received \$14.5 million of principal proceeds. During the three and six months ended June 30, 2017, the Company recorded \$0.1 million and \$0.2 million of discount accretion, respectively, on its commercial loans.

5. Excess MSRs

The following table presents detail on the Company’s Excess MSR portfolio on June 30, 2018.

	Unpaid Principal Balance	Amortized Cost	Gross Unrealized (1)		Fair Value	Weighted Average	
			Gains	Losses		Yield	Life (Years) (2)
Agency Excess MSRs	\$ 3,785,622,348	\$ 28,537,117	\$ 1,422,916	\$ (934,417)	\$ 29,025,616	10.97%	7.0
Credit Excess MSRs	45,265,798	241,862	21,777	(7,490)	256,149	24.07%	4.9
Total Excess MSRs	<u>\$ 3,830,888,146</u>	<u>\$ 28,778,979</u>	<u>\$ 1,444,693</u>	<u>\$ (941,907)</u>	<u>\$ 29,281,765</u>	<u>11.08%</u>	<u>7.0</u>

(1) The Company has chosen to make a fair value election pursuant to ASC 825 for its Excess MSR portfolio. Unrealized gains and losses are recognized in current period earnings in the “Unrealized gain/(loss) on derivative and other instruments, net” line item. The gross unrealized columns above represent inception to date unrealized gains (losses).

(2) Actual maturities of Excess MSRs may be shorter than stated contractual maturities. Maturities are affected by prepayments of principal.

The following table presents detail on the Company’s Excess MSR portfolio on December 31, 2017.

	Unpaid Principal Balance	Amortized Cost	Gross Unrealized (1)		Fair Value	Weighted Average	
			Gains	Losses		Yield	Life (Years) (2)
Agency Excess MSRs	\$ 768,385,219	\$ 4,478,816	\$ 333,019	\$ (11,127)	\$ 4,800,708	12.23%	6.3
Credit Excess MSRs	50,307,900	258,460	24,346	-	282,806	21.87%	5.0
Total Excess MSRs	<u>\$ 818,693,119</u>	<u>\$ 4,737,276</u>	<u>\$ 357,365</u>	<u>\$ (11,127)</u>	<u>\$ 5,083,514</u>	<u>12.76%</u>	<u>6.2</u>

(1) The Company has chosen to make a fair value election pursuant to ASC 825 for its Excess MSR portfolio. Unrealized gains and losses are recognized in current period earnings in the “Unrealized gain/(loss) on derivative and other instruments, net” line item. The gross unrealized columns above represent inception to date unrealized gains (losses).

(2) Actual maturities of Excess MSRs may be shorter than stated contractual maturities. Maturities are affected by prepayments of principal.

As described in Note 2, the Company evaluates securities for OTTI on at least a quarterly basis. The determination of whether an excess MSR is other-than-temporarily impaired involves judgments and assumptions based on subjective and objective factors. When the fair value of an excess MSR is less than its amortized cost at the balance sheet date, the excess MSR is considered impaired, and the impairment is designated as either “temporary” or “other-than-temporary.” There was no OTTI for the three and six months ended June 30, 2018. There was no OTTI for the three and six months ended June 30, 2017.

6. Fair value measurements

As described in Note 2, the fair value of financial instruments that are recorded at fair value will be determined by the Manager, subject to oversight of the Company’s board of directors, and in accordance with ASC 820, “Fair Value Measurements and Disclosures.” When possible, the Company determines fair value using independent data sources. ASC 820 establishes a hierarchy that prioritizes the inputs to valuation techniques giving the highest priority to readily available unadjusted quoted prices in active markets for identical assets (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements) when market prices are not readily available or reliable.

Values for the Company’s securities, Excess MSRs, securitized debt, derivatives and U.S. Treasury securities are based upon prices obtained from third party pricing services, which are indicative of market activity. The fair value of the Company’s obligation to return securities borrowed under reverse repurchase agreements is based upon the value of the underlying borrowed U.S. Treasury securities as of the reporting date. The evaluation methodology of the Company’s third-party pricing services incorporates commonly used market pricing methods, including a spread measurement to various indices such as the one-year constant maturity treasury and LIBOR, which are observable inputs. The evaluation also considers the underlying characteristics of each investment, which are also observable inputs, including: coupon; maturity date; loan age; reset date; collateral type; periodic and life cap; geography; and prepayment speeds. The Company collects and considers current market intelligence on all major markets, including benchmark security evaluations and bid-lists from

various sources, when available. As part of the Company’s risk management process, the Company reviews and analyzes all prices obtained by comparing prices to recently completed transactions involving the same or similar investments on or near the reporting date. If, in the opinion of the Manager, one or more prices reported to the Company are not reliable or unavailable, the Manager reviews the fair value based on characteristics of the investment it receives from the issuer and available market information.

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In valuing its derivatives, the Company considers the creditworthiness of both the Company and its counterparties, along with collateral provisions contained in each derivative agreement, from the perspective of both the Company and its counterparties. All of the Company's derivatives are either subject to bilateral collateral arrangements or clearing in accordance with the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 (the "Dodd Frank Act"). For swaps cleared under the Dodd Frank Act, a Central Counterparty Clearing House ("CCP") now stands between the Company and the over-the-counter derivative counterparties. In order to access clearing, the Company has entered into clearing agreements with Futures Commissions Merchants ("FCMs").

Beginning in the first quarter of 2017, as a result of a CME amendment to its rule book governing central clearing activities, the daily exchange of variation margin associated with a CME centrally cleared derivative instrument is legally characterized as the daily settlement of the derivative instrument itself, as opposed to a pledge of collateral. Accordingly, beginning in 2017, the Company accounts for the daily receipt or payment of variation margin associated with its centrally cleared interest rate swaps and futures as a direct reduction to the carrying value of the interest rate swap and future derivative asset or liability, respectively. Beginning in 2017, the carrying amount of centrally cleared interest rate swaps and futures reflected in the Company's consolidated balance sheets is equal to the unsettled fair value of such instruments. See Note 8 for more information.

The fair value of the Company's mortgage loans and loan participation considers data such as loan origination information, additional updated borrower information, loan servicing data, as available, forward interest rates, general economic conditions, home price index forecasts and valuations of the underlying properties. The variables considered most significant to the determination of the fair value of the Company's mortgage loans include market-implied discount rates, projections of default rates, delinquency rates, prepayment rates and loss severity (considering mortgage insurance). Projections of default and prepayment rates are impacted by other variables such as reperformance rates and timeline to liquidation. The Company uses loan level data and macro-economic inputs to generate loss adjusted cash flows and other information in determining the fair value of its mortgage loans. Because of the inherent uncertainty of such valuation, the fair values established for mortgage loans held by the Company may differ from the fair values that would have been established if a ready market existed for these mortgage loans. Accordingly, mortgage loans are classified as Level 3 in the fair value hierarchy.

The Manager may also engage specialized third party valuation service providers to assess and corroborate the valuation of a selection of investments in the Company's loan portfolio on a periodic basis. These specialized third party valuation service providers conduct independent valuation analyses based on a review of source documents, available market data, and comparable investments. The analyses provided by valuation service providers are reviewed and considered by the Manager.

TBA instruments are similar in form to the Company's Agency RMBS portfolio, and the Company therefore estimates fair value based on similar methods.

The Company entered into a securitization transaction that resulted in the Company consolidating a VIE created with the SPE which was used to facilitate the transaction. The Company categorizes the fair value measurement of the consolidated tranche as Level 3.

In December 2015, the Company, alongside private funds under the management of Angelo, Gordon, through AG Arc, formed Arc Home. The Company invests in Arc Home through AG Arc. In June 2016, Arc Home closed on the acquisition of a Fannie Mae, Freddie Mac, FHA, VA and Ginnie Mae seller/servicer of residential mortgages. Through this subsidiary, Arc Home originates conforming, Government, Jumbo and other non-conforming residential mortgage loans, retains the mortgage servicing rights associated with the loans it originates, and purchases additional mortgage servicing rights from third-party sellers. As a result of this acquisition, the Company transferred its investment in AG Arc from Level 1 into Level 3.

In February 2016, the Company originated a \$12.0 million commercial loan and transferred a 15% participation interest in the loan to an unaffiliated third party. The Company categorizes the fair value measurement of the commercial loan and consolidated participation interest as Level 3. The commercial loan was paid off in full in February 2017.

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The following table presents the Company's financial instruments measured at fair value as of June 30, 2018:

	Fair Value at June 30, 2018			
	Level 1	Level 2	Level 3	Total
Assets:				
Agency RMBS:				
30 Year Fixed Rate	\$ -	\$ 1,772,114,363	\$ -	\$ 1,772,114,363
Fixed Rate CMO	-	48,165,203	-	48,165,203
ARM	-	110,780,577	-	110,780,577
Interest Only	-	113,729,659	-	113,729,659
Credit Investments:				
Non-Agency RMBS	-	32,968,019	786,107,756	819,075,775
Non-Agency RMBS Interest Only	-	-	2,871,154	2,871,154
ABS	-	-	37,755,352	37,755,352
CMBS	-	7,321,017	159,831,842	167,152,859
CMBS Interest Only	-	-	43,182,305	43,182,305
Residential mortgage loans	-	-	93,129,269	93,129,269
Commercial loans	-	-	43,216,666	43,216,666
Excess mortgage servicing rights	-	-	29,281,765	29,281,765
Derivative assets	-	4,222,706	-	4,222,706
AG Arc	-	-	18,352,632	18,352,632
Total Assets Carried at Fair Value	\$ -	\$ 2,089,301,544	\$ 1,213,728,741	\$ 3,303,030,285
Liabilities:				
Securitized debt	\$ -	\$ -	\$ (13,984,245)	\$ (13,984,245)
Derivative liabilities	-	(625,990)	-	(625,990)
Total Liabilities Carried at Fair Value	\$ -	\$ (625,990)	\$ (13,984,245)	\$ (14,610,235)

The following table presents the Company's financial instruments measured at fair value as of December 31, 2017:

	Fair Value at December 31, 2017			
	Level 1	Level 2	Level 3	Total
Assets:				
Agency RMBS:				
30 Year Fixed Rate	\$ -	\$ 1,929,032,996	\$ -	\$ 1,929,032,996
Fixed Rate CMO	-	52,950,756	-	52,950,756
ARM	-	176,387,396	-	176,387,396
Interest Only	-	88,789,887	-	88,789,887
Credit Investments:				
Non-Agency RMBS	-	156,170,350	845,423,742	1,001,594,092
Non-Agency RMBS Interest Only	-	-	2,661,566	2,661,566
ABS	-	-	40,957,553	40,957,553
CMBS	-	8,216,506	161,250,065	169,466,571
CMBS Interest Only	-	-	50,701,934	50,701,934
Residential mortgage loans	-	-	18,889,693	18,889,693
Commercial loans	-	-	57,520,646	57,520,646
Excess mortgage servicing rights	-	-	5,083,514	5,083,514
Derivative assets	110,063	2,017,007	-	2,127,070
AG Arc	-	-	17,911,091	17,911,091
Total Assets Carried at Fair Value	\$ 110,063	\$ 2,413,564,898	\$ 1,200,399,804	\$ 3,614,074,765
Liabilities:				
Securitized debt	\$ -	\$ -	\$ (16,477,801)	\$ (16,477,801)
Securities borrowed under reverse repurchase agreements	-	(24,379,356)	-	(24,379,356)
Derivative liabilities	-	(450,208)	-	(450,208)
Total Liabilities Carried at Fair Value	\$ -	\$ (24,829,564)	\$ (16,477,801)	\$ (41,307,365)

The Company did not have any transfers of assets or liabilities between Levels 1 and 2 of the fair value hierarchy during the three and six months ended June 30, 2018 and June 30, 2017.

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The following tables present additional information about the Company's assets and liabilities which are measured at fair value on a recurring basis for which the Company has utilized Level 3 inputs to determine fair value:

**Three Months Ended
June 30, 2018**

	Non-Agency RMBS	Non-Agency RMBS IO	ABS	CMBS	CMBS Interest Only	Residential Mortgage Loans	Commercial Loans	Excess Mortgage Servicing Rights	AG Arc	Securitized debt
Beginning balance	\$ 730,919,118	\$ 2,912,380	\$ 35,838,056	\$ 182,970,152	\$ 48,624,976	\$ 19,872,126	\$ 57,665,864	\$ 30,746,462	\$ 18,438,220	\$ (15,496,402)
Transfers (1):										
Transfers into level 3	93,950,988	-	-	-	-	-	-	-	-	-
Purchases/Transfers	2,290,922	-	2,628,040	26,056,250	-	105,041,253	-	(209,070)	-	-
Proceeds from sales/redemptions	(6,683,073)	-	-	-	(4,658,476)	(30,831,907)	-	-	-	-
Proceeds from settlement	(31,612,092)	-	(736,946)	(48,240,806)	-	(1,072,865)	(14,521,806)	(178,576)	-	1,487,850
Total net gains/(losses) (2)										
Included in net income	(2,758,107)	(41,226)	26,202	(953,754)	(784,195)	120,662	72,608	(1,077,051)	(85,588)	24,307
Ending Balance	\$ 786,107,756	\$ 2,871,154	\$ 37,755,352	\$ 159,831,842	\$ 43,182,305	\$ 93,129,269	\$ 43,216,666	\$ 29,281,765	\$ 18,352,632	\$ (13,984,245)
Change in unrealized appreciation/(depreciation) for level 3 assets/liabilities still held as of June 30, 2018 (3)	\$ (2,721,807)	\$ (41,226)	\$ 26,202	\$ (1,026,231)	\$ (550,652)	\$ (581,143)	\$ (145,218)	\$ (1,077,051)	\$ (85,588)	\$ 24,307

(1) Transfers are assumed to occur at the beginning of the period. During the three months ended June 30, 2018, the Company transferred 7 Non-Agency RMBS securities into the Level 3 category from the Level 2 category under the fair value hierarchy of ASC 820.

(2) Gains/(losses) are recorded in the following line items in the consolidated statement of operations:

Unrealized gain/(loss) on real estate securities and loans, net	\$ (5,771,704)
Unrealized gain/(loss) on derivative and other instruments, net	(427,515)
Net realized gain/(loss)	828,665
Equity in earnings/(loss) from affiliates	(85,588)
Total	\$ (5,456,142)

(3) Unrealized gains/(losses) are recorded in the following line items in the consolidated statement of operations:

Unrealized gain/(loss) on real estate securities and loans, net	\$ (5,665,304)
Unrealized gain/(loss) on derivative and other instruments, net	(427,515)
Equity in earnings/(loss) from affiliates	(85,588)
Total	\$ (6,178,407)

**Three Months Ended
June 30, 2017**

	Non-Agency RMBS	Non-Agency RMBS Interest Only	ABS	CMBS	CMBS Interest Only	Residential Mortgage Loans	Commercial Loans	Excess Mortgage Servicing Rights	AG Arc	Securitized debt
Beginning balance	\$ 762,089,348	\$ 3,557,950	\$ 21,165,442	\$ 122,215,294	\$ 52,921,927	\$ 36,255,911	\$ 58,274,488	\$ 1,056,123	\$ 13,010,453	\$ (19,948,739)
Transfers (1):										
Transfers into level 3	70,603,992	-	-	-	-	-	-	-	-	-
Transfers out of level 3	(51,307,381)	-	-	-	-	-	-	-	-	-
Purchases/Transfers	215,073,421	-	39,717,021	15,000,001	-	-	-	1,858,979	-	-
Capital contributions	-	-	-	-	-	-	-	-	4,459,000	-
Proceeds from sales/redemptions	(61,084,219)	-	(9,311,530)	-	-	(9,248,143)	-	-	-	-
Proceeds from settlement	(86,015,924)	-	(3,984,154)	(108,799)	-	(4,631,367)	(1,176,506)	(176,923)	-	1,171,856
Total net gains/(losses) (2)										
Included in net income	13,661,665	(344,553)	330,577	551,831	(116,288)	1,078,832	196,124	48,322	243,104	(1,286)
Ending Balance	\$ 863,020,902	\$ 3,213,397	\$ 47,917,356	\$ 137,658,327	\$ 52,805,639	\$ 23,455,233	\$ 57,294,106	\$ 2,786,501	\$ 17,712,557	\$ (18,778,169)
Change in unrealized appreciation/(depreciation) for level 3 assets/liabilities still held as of June 30, 2017 (3)	\$ 14,997,601	\$ (344,553)	\$ (95,002)	\$ 897,090	\$ (116,288)	\$ (913,062)	\$ 196,124	\$ 48,322	\$ 243,104	\$ (1,286)

(1) Transfers are assumed to occur at the beginning of the period. During the three months ended June 30, 2017, the Company transferred 6 Non-Agency RMBS securities into the Level 3 category from the Level 2 category and 5 Non-Agency RMBS securities into the Level 2 category from the Level 3 category under the fair value hierarchy of ASC 820.

(2) Gains/(losses) are recorded in the following line items in the consolidated statement of operations:

Unrealized gain/(loss) on real estate securities and loans, net	\$ 15,783,215
Unrealized gain/(loss) on derivative and other instruments, net	(1,286)
Net realized gain/(loss)	(376,705)
Equity in earnings/(loss) from affiliates	243,104
Total	\$ 15,648,328

(3) Unrealized gains/(losses) are recorded in the following line items in the consolidated statement of operations:

Unrealized gain/(loss) on real estate securities and loans, net	\$ 14,670,232
Unrealized gain/(loss) on derivative and other instruments, net	(1,286)
Equity in earnings/(loss) from affiliates	243,104
Total	\$ 14,912,050

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**Six Months Ended
June 30, 2018**

	Non-Agency RMBS	Non-Agency RMBS Interest Only	ABS	CMBS	CMBS Interest Only	Residential Mortgage Loans	Commercial Loans	Excess Mortgage Servicing Rights	AG Arc	Securitized debt
Beginning balance	\$ 845,423,742	\$ 2,661,566	\$ 40,957,553	\$ 161,250,065	\$ 50,701,934	\$ 18,889,693	\$ 57,520,646	\$ 5,083,514	\$ 17,911,091	\$ (16,477,801)
Transfers (1):										
Transfers into level 3	101,985,493	-	-	-	-	-	-	-	-	-
Transfers out of level 3	-	-	-	(6,951,115)	-	-	-	-	-	-
Purchases/Transfers	93,876,423	-	5,596,268	56,256,250	-	105,041,253	-	25,162,285	-	-
Proceeds from sales/redemptions	(184,804,178)	-	-	-	(4,658,476)	(30,831,907)	-	-	-	-
Proceeds from settlement	(69,562,698)	-	(8,710,793)	(49,144,767)	-	(1,255,512)	(14,521,806)	(512,212)	-	2,481,926
Total net gains/(losses) (2)										
Included in net income	(811,026)	209,588	(87,676)	(1,578,591)	(2,861,153)	1,285,742	217,826	(451,822)	441,541	11,630
Ending Balance	\$ 786,107,756	\$ 2,871,154	\$ 37,755,352	\$ 159,831,842	\$ 43,182,305	\$ 93,129,269	\$ 43,216,666	\$ 29,281,765	\$ 18,352,632	\$ (13,984,245)

Change in unrealized appreciation/(depreciation) for level 3 assets/liabilities still held as of June 30, 2018 (3)

\$ (1,697,476) \$ 229,918 \$ (69,140) \$ (1,651,068) \$ (2,627,610) \$ 583,937 \$ - \$ (451,822) \$ 441,541 \$ 11,630

(1) Transfers are assumed to occur at the beginning of the period. During the six months ended June 30, 2018, the Company transferred 8 Non-Agency RMBS securities into the Level 3 category from the Level 2 category and 1 CMBS security into the Level 2 category from the Level 3 category under the fair value hierarchy of ASC 820.

(2) Gains/(losses) are recorded in the following line items in the consolidated statement of operations:

Unrealized gain/(loss) on real estate securities and loans, net	\$ (9,095,280)
Unrealized gain/(loss) on derivative and other instruments, net	(440,192)
Net realized gain/(loss)	5,469,990
Equity in earnings/(loss) from affiliates	441,541
Total	\$ (3,623,941)

(3) Unrealized gains/(losses) are recorded in the following line items in the consolidated statement of operations:

Unrealized gain/(loss) on real estate securities and loans, net	\$ (5,231,439)
Unrealized gain/(loss) on derivative and other instruments, net	(440,192)
Equity in earnings/(loss) from affiliates	441,541
Total	\$ (5,230,090)

**Six Months Ended
June 30, 2017**

	Non-Agency RMBS	Non-Agency RMBS IO	ABS	CMBS	CMBS Interest Only	Residential Mortgage Loans	Commercial Loans	Excess Mortgage Servicing Rights	AG Arc	Securitized debt	Loan Participation payable
Beginning balance	\$ 717,760,534	\$ 3,761,446	\$ 21,231,956	\$ 130,789,615	\$ 52,136,726	\$ 38,195,576	\$ 60,068,800	\$ 412,648	\$ 12,894,819	\$ (21,491,710)	\$ (1,800,000)
Transfers (1):											
Transfers into level 3	156,247,235	-	-	-	-	-	-	-	-	-	-
Transfers out of level 3	(87,193,669)	-	-	-	-	-	-	-	-	-	-
Purchases/Transfers	257,276,811	-	46,447,667	18,568,750	-	-	10,270,833	2,565,344	-	-	-
Capital contributions	-	-	-	-	-	-	-	-	4,459,000	-	-
Proceeds from sales/redemptions	(84,759,581)	-	(16,977,157)	(4,533,594)	-	(10,102,590)	-	-	-	-	-
Proceeds from settlement	(115,376,445)	-	(3,984,154)	(8,594,055)	-	(5,297,349)	(13,534,402)	(187,287)	-	2,747,475	1,954,927
Total net gains/(losses) (2)											
Included in net income	19,066,017	(548,049)	1,199,044	1,427,611	668,913	659,596	488,875	(4,204)	358,738	(33,934)	(154,927)
Ending Balance	\$ 863,020,902	\$ 3,213,397	\$ 47,917,356	\$ 137,658,327	\$ 52,805,639	\$ 23,455,233	\$ 57,294,106	\$ 2,786,501	\$ 17,712,557	\$ (18,778,169)	\$ -

Change in unrealized appreciation/(depreciation) for level 3 assets still held as of June 30, 2017 (3)

\$ 20,392,109 \$ (548,049) \$ 743,730 \$ 1,857,762 \$ 668,913 \$ (1,401,691) \$ 432,666 \$ (4,204) \$ 358,738 \$ (33,934) \$ -

(1) Transfers are assumed to occur at the beginning of the period. During the six months ended June 30, 2017, the Company transferred 12 Non-Agency RMBS securities into the Level 3 category from the Level 2 category and 8 Non-Agency RMBS securities into the Level 2 category from the Level 3 category under the fair value hierarchy of ASC 820.

(2) Gains/(losses) are recorded in the following line items in the consolidated statement of operations:

Unrealized gain/(loss) on real estate securities and loans, net	\$ 23,619,676
Unrealized gain/(loss) on derivative and other instruments, net	(188,861)
Net realized gain/(loss)	(661,873)
Equity in earnings/(loss) from affiliates	358,738
Total	\$ 23,127,680

(3) Gains/(losses) are recorded in the following line items in the consolidated statement of operations:

Unrealized gain/(loss) on real estate securities and	\$ 22,141,236
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loans, net	
Unrealized gain/(loss) on derivative and other instruments, net	(33,934)
Equity in earnings/(loss) from affiliates	358,738
Total	\$ 22,466,040

Refer to the tables above for details on transfers between the Level 3 and Level 2 categories under ASC 820. Transfers into the Level 3 category of the fair value hierarchy occur due to instruments exhibiting indications of reduced levels of market transparency. Transfers out of the Level 3 category of the fair value hierarchy occur due to instruments exhibiting indications of increased levels of market transparency. Indications of increases or decreases in levels of market transparency include a change in observable transactions or executable quotes involving these instruments or similar instruments. Changes in these indications could impact price transparency, and thereby cause a change in level designations in future periods.

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The following tables present a summary of quantitative information about the significant unobservable inputs used in the fair value measurement of investments for which the Company has utilized Level 3 inputs to determine fair value.

Asset Class	Fair Value at June 30, 2018	Valuation Technique	Unobservable Input	Range (Weighted Average)
Non-Agency RMBS	\$ 761,543,614	Discounted Cash Flow	Yield	2.74% - 31.75% (4.66%)
			Projected Collateral Prepayments	0.00% - 30.00% (11.60%)
			Projected Collateral Losses	0.00% - 30.00% (2.69%)
			Projected Collateral Severities	0.00% - 100.00% (31.67%)
Non-Agency RMBS Interest Only	\$ 24,564,142	Consensus Pricing	Offered Quotes	75.25 - 98.56 (83.28)
			Yield	7.00% - 25.00% (22.10%)
			Projected Collateral Prepayments	9.50% - 18.00% (16.75%)
			Projected Collateral Losses	0.75% - 1.50% (1.41%)
ABS	\$ 32,925,013	Discounted Cash Flow	Projected Collateral Severities	10.00% - 65.00% (17.43%)
			Yield	6.19% - 6.19% (6.19%)
			Projected Collateral Prepayments	20.00% - 40.00% (23.27%)
			Projected Collateral Losses	0.00% - 0.00% (0.00%)
CMBS	\$ 156,869,879	Discounted Cash Flow	Projected Collateral Severities	0.00% - 0.00% (0.00%)
			Yield	5.58% - 8.66% (6.93%)
			Projected Collateral Prepayments	0.00% - 0.00% (0.00%)
			Projected Collateral Losses	0.00% - 0.00% (0.00%)
CMBS Interest Only	\$ 43,182,305	Discounted Cash Flow	Projected Collateral Severities	0.00% - 0.00% (0.00%)
			Offered Quotes	4.28 - 8.77 (7.64)
			Yield	3.48% - 6.31% (4.74%)
			Projected Collateral Prepayments	99.00% - 100.00% (99.90%)
Residential Mortgage Loans	\$ 16,822,776	Discounted Cash Flow	Projected Collateral Losses	0.00% - 0.00% (0.00%)
			Projected Collateral Severities	0.00% - 0.00% (0.00%)
			Yield	6.50% - 9.00% (7.93%)
			Projected Collateral Prepayments	3.65% - 4.82% (4.22%)
Commercial Loans	\$ 32,800,000	Discounted Cash Flow	Projected Collateral Losses	3.60% - 6.01% (3.90%)
			Projected Collateral Severities	14.69% - 31.45% (18.29%)
			Cost	N/A
			Yield	7.14% - 7.14% (7.14%)
Excess Mortgage Servicing Rights	\$ 29,025,616	Discounted Cash Flow	Credit Spread	4.75 bps - 4.75 bps (4.75 bps)
			Recovery Percentage (1)	100.00% - 100.00% (100.00%)
			Offered Quotes	100.00 - 100.00 (100.00)
			Yield	8.50% - 11.57% (9.19%)
AG Arc	\$ 18,352,632	Comparable Multiple	Projected Collateral Prepayments	6.20% - 10.01% (8.07%)
			Offered Quotes	0.03 - 0.53 (0.50)
			Book Value Multiple	1.0x - 1.0x (1.0x)
			Yield	3.98% - 3.98% (3.98%)
Securitized debt	\$ (13,984,245)	Discounted Cash Flow	Projected Collateral Prepayments	10.00% - 10.00% (10.00%)
			Projected Collateral Losses	3.00% - 3.00% (3.00%)
			Projected Collateral Severities	45.00% - 45.00% (45.00%)

(1) Represents the proportion of the principal expected to be collected relative to the loan balances as of June 30, 2018.

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Asset Class	Fair Value at December 31, 2017	Valuation Technique	Unobservable Input	Range (Weighted Average)
Non-Agency RMBS	\$ 783,880,884	Discounted Cash Flow	Yield	0.94% - 31.75% (4.49%)
			Projected Collateral Prepayments	0.00% - 35.00% (10.50%)
			Projected Collateral Losses	0.00% - 50.00% (3.25%)
			Projected Collateral Severities	0.00% - 100.00% (34.77%)
	\$ 14,794,010	Consensus Pricing	Offered Quotes	74.75 - 74.75 (74.75)
			Recent Transaction	N/A
			Yield	7.00% - 25.00% (22.34%)
			Projected Collateral Prepayments	10.50% - 18.00% (16.89%)
Non-Agency RMBS Interest Only	\$ 2,661,566	Discounted Cash Flow	Projected Collateral Losses	1.50% - 2.00% (1.57%)
			Projected Collateral Severities	10.00% - 40.00% (14.43%)
			Yield	4.62% - 9.83% (7.56%)
			Projected Collateral Prepayments	20.00% - 40.00% (22.62%)
ABS	\$ 40,957,533	Discounted Cash Flow	Projected Collateral Losses	0.00% - 2.00% (1.74%)
			Projected Collateral Severities	0.00% - 50.00% (43.45%)
			Yield	-1.45% - 8.35% (6.24%)
			Projected Collateral Prepayments	0.00% - 0.00% (0.00%)
CMBS	\$ 157,684,840	Discounted Cash Flow	Projected Collateral Losses	0.00% - 0.00% (0.00%)
			Projected Collateral Severities	0.00% - 0.00% (0.00%)
			Offered Quotes	6.20 - 7.60 (7.12)
			Yield	2.93% - 5.90% (4.43%)
CMBS Interest Only	\$ 50,701,934	Discounted Cash Flow	Projected Collateral Prepayments	100.00% - 100.00% (100.00%)
			Projected Collateral Losses	0.00% - 0.00% (0.00%)
			Projected Collateral Severities	0.00% - 0.00% (0.00%)
			Yield	6.25% - 9.00% (7.81%)
Residential Mortgage Loans	\$ 18,889,693	Discounted Cash Flow	Projected Collateral Prepayments	2.98% - 5.05% (3.93%)
			Projected Collateral Losses	3.88% - 6.91% (4.27%)
			Projected Collateral Severities	20.21% - 37.25% (22.00%)
			Yield	6.52% - 6.52% (6.52%)
Commercial Loans	\$ 32,800,000	Discounted Cash Flow	Credit Spread	4.75 bps - 4.75 bps (4.75 bps)
			Recovery Percentage (1)	100.00% - 100.00% (100.00%)
			Offered Quotes	98.50 - 100.00 (99.13)
			Yield	9.12% - 11.74% (10.29%)
Excess Mortgage Servicing Rights	\$ 4,800,708	Discounted Cash Flow	Projected Collateral Prepayments	7.59% - 11.85% (9.67%)
			Offered Quotes	0.04 - 0.52 (0.48)
			Consensus Pricing	
			Book Value Multiple	1.0x - 1.0x (1.0x)
AG Arc	\$ 17,911,091	Comparable Multiple		
Liability Class	Fair Value at December 31, 2017	Valuation Technique	Unobservable Input	Range (Weighted Average)
Securitized debt	\$ (16,477,801)	Discounted Cash Flow	Yield	3.23% - 3.23% (3.23%)
			Projected Collateral Prepayments	14.00% - 14.00% (14.00%)
			Projected Collateral Losses	7.00% - 7.00% (7.00%)
			Projected Collateral Severities	40.00% - 40.00% (40.00%)

(1) Represents the proportion of the principal expected to be collected relative to the loan balances as of December 31, 2017.

As further described above, values for the Company's securities portfolio are based upon prices obtained from third-party pricing services. Broker quotations may also be used. The significant unobservable inputs used in the fair value measurement of the Company's securities are prepayment rates, probability of default, and loss severity in the event of default. Significant increases (decreases) in any of those inputs in isolation would result in a significantly lower (higher) fair value measurement. Generally, a change in the assumption used for the probability of default is accompanied by a directionally similar change in the assumption used for the loss severity and a directionally opposite change in the assumption used for prepayment rates.

Also, as described above, valuation of the Company's loan portfolio is determined by the Manager using third-party pricing services where available, specialized third party valuation service providers, or model-based pricing. The evaluation considers the underlying characteristics of each loan, which are observable inputs, including: coupon, maturity date, loan age, reset date, collateral type, periodic and life cap, geography, and prepayment speeds. These valuations also require significant judgments, which include assumptions regarding capitalization rates, re-performance rates, leasing, creditworthiness of major tenants, occupancy rates, availability of financing, exit plan, loan sponsorship, actions of other lenders and other factors deemed necessary by management. Changes in the market environment and other events that may occur over the life of our investments may cause the gains or losses ultimately realized on these investments to be different than the valuations currently estimated. If applicable, analyses provided by valuation service providers are reviewed and considered by the Manager.

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7. Repurchase agreements

The Company pledges certain real estate securities and loans as collateral under repurchase agreements with financial institutions, the terms and conditions of which are negotiated on a transaction-by-transaction basis. Repurchase agreements involve the sale and a simultaneous agreement to repurchase the transferred assets or similar assets at a future date. The amount borrowed generally is equal to the fair value of the assets pledged less an agreed-upon discount, referred to as a “haircut.” The Company calculates haircuts disclosed in the tables below by dividing allocated capital on each borrowing by the current fair market value of each investment. Repurchase agreements entered into by the Company are accounted for as financings and require the repurchase of the transferred assets at the end of each agreement’s term, typically 30 to 90 days. The carrying amount of the Company’s repurchase agreements approximates fair value due to their short-term maturities or floating rate coupons. If the Company maintains the beneficial interest in the specific assets pledged during the term of the borrowing, it receives the related principal and interest payments. If the Company does not maintain the beneficial interest in the specific assets pledged during the term of the borrowing, it will have the related principal and interest payments remitted to it by the lender. Interest rates on these borrowings are fixed based on prevailing rates corresponding to the terms of the borrowings, and interest is paid at the termination of the borrowing at which time the Company may enter into a new borrowing arrangement at prevailing market rates with the same counterparty or repay that counterparty and negotiate financing with a different counterparty. If the fair value of pledged assets declines due to changes in market conditions or the publishing of monthly security paydown factors, lenders typically would require the Company to post additional securities as collateral, pay down borrowings or establish cash margin accounts with the counterparties in order to re-establish the agreed-upon collateral requirements, referred to as margin calls. The fair value of financial instruments pledged as collateral on the Company’s repurchase agreements disclosed in the tables below represent the Company’s fair value of such instruments which may differ from the fair value assigned to the collateral by its counterparties. The Company maintains a level of liquidity in the form of cash and unpledged Agency RMBS and Agency Interest-Only securities in order to meet these obligations. Under the terms of the Company’s master repurchase agreements, the counterparties may, in certain cases, sell or re-hypothecate the pledged collateral.

The following table presents certain financial information regarding the Company’s repurchase agreements secured by real estate securities as of June 30, 2018:

Repurchase Agreements Maturing Within:	Repurchase Agreements			Financial Instruments Pledged		
	Balance	Weighted Average Rate	Weighted Average Haircut	Fair Value Pledged	Amortized Cost	Accrued Interest
Overnight	\$ 110,636,000	2.31%	3.0%	\$ 114,031,956	\$ 115,775,602	\$ 362,555
30 days or less	1,784,082,000	2.45%	9.2%	1,991,350,098	1,962,154,041	7,740,255
31-60 days	420,130,000	2.50%	8.7%	468,641,667	467,140,552	1,740,034
61-90 days	181,449,000	2.48%	9.0%	207,489,411	206,058,822	747,579
Greater than 180 days	49,475,000	3.11%	16.1%	59,213,101	59,632,409	40,138
Total / Weighted Average	\$ 2,545,772,000	2.47%	9.0%	\$ 2,840,726,233	\$ 2,810,761,426	\$ 10,630,561

The following table presents certain financial information regarding the Company’s repurchase agreements secured by real estate securities as of December 31, 2017:

Repurchase Agreements Maturing Within:	Repurchase Agreements			Financial Instruments Pledged		
	Balance	Weighted Average Rate	Weighted Average Haircut	Fair Value Pledged	Amortized Cost	Accrued Interest
Overnight	\$ 128,779,000	1.80%	3.2%	\$ 133,012,426	\$ 133,030,219	\$ 375,987
30 days or less	2,105,103,000	1.94%	9.6%	2,361,573,884	2,302,744,090	8,406,811
31-60 days	611,763,000	1.76%	7.6%	677,310,405	670,307,102	2,131,225
61-90 days	32,445,000	3.04%	25.9%	43,850,631	42,711,854	300,842
91-180 days	1,131,000	3.21%	22.7%	1,462,574	1,478,767	1,296
Greater than 180 days	93,059,628	3.00%	20.4%	119,489,680	118,698,392	46,682
Total / Weighted Average	\$ 2,972,280,628	1.94%	9.4%	\$ 3,336,699,600	\$ 3,268,970,424	\$ 11,262,843

The following table presents certain financial information regarding the Company’s repurchase agreements secured by interests in residential mortgage loans as of June 30, 2018:

Repurchase Agreements Maturing Within:	Repurchase Agreements				Financial Instruments Pledged		
	Balance	Weighted Average Rate	Weighted Average Funding Cost	Weighted Average Haircut	Fair Value Pledged	Amortized Cost	Accrued Interest
Greater than 180 days	\$ 66,613,881	4.11%	4.15%	26.1%	\$90,133,713	\$ 88,309,563	\$ 60,997

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The following table presents certain financial information regarding the Company's repurchase agreements secured by interests in residential mortgage loans as of December 31, 2017:

Repurchase Agreements Maturing Within:	Balance	Repurchase Agreements		Financial Instruments Pledged		
		Weighted Average Rate and Funding Cost (1)	Weighted Average Haircut	Fair Value Pledged	Amortized Cost	Accrued Interest
Greater than 180 days	\$ 10,330,390	4.07%	34.8%	\$ 15,860,583	\$ 14,870,542	\$ 10,316

(1) As of December 31, 2017, the weighted average rate equaled the weighted average funding cost on the Company's repurchase agreements secured by residential mortgage loans as a result of the full recognition of deferred fee amounts.

The following table presents certain financial information regarding the Company's repurchase agreements secured by interests in commercial loans as of June 30, 2018:

Repurchase Agreements Maturing Within:	Balance	Repurchase Agreements		Financial Instruments Pledged		
		Weighted Average Rate and Funding Cost (1)	Weighted Average Haircut	Fair Value Pledged	Amortized Cost	Accrued Interest
Greater than 180 days	\$ 21,796,000	4.24%	33.5%	\$ 32,800,000	\$ 32,800,000	\$ 276,922

(1) As of June 30, 2018, the weighted average rate equaled the weighted average funding cost on the Company's repurchase agreements secured by commercial loans as a result of the full recognition of deferred fee amounts.

The following table presents certain financial information regarding the Company's repurchase agreements secured by commercial loans as of December 31, 2017:

Repurchase Agreements Maturing Within:	Balance	Repurchase Agreements		Financial Instruments Pledged		
		Weighted Average Rate and Funding Cost (1)	Weighted Average Haircut	Fair Value Pledged	Amortized Cost	Accrued Interest
Greater than 180 days	\$ 21,796,000	3.70%	33.5%	\$ 32,800,000	\$ 32,800,000	\$ 203,633

(1) As of December 31, 2017, the weighted average rate equaled the weighted average funding cost on the Company's repurchase agreements secured by commercial loans as a result of the full recognition of deferred fee amounts.

Although repurchase agreements are committed borrowings until maturity, the lender retains the right to mark the underlying collateral to fair value. A reduction in the value of pledged assets resulting from changes in market conditions or factor changes would require the Company to provide additional collateral or cash to fund margin calls. See Note 8 for details on collateral posted/received against certain derivatives. The following table presents information with respect to the Company's posting of collateral under repurchase agreements on June 30, 2018 and December 31, 2017, broken out by investment type:

	June 30, 2018	December 31, 2017
Fair Value of investments pledged as collateral under repurchase agreements		
Agency RMBS	\$ 1,811,050,887	\$ 2,118,615,429
Non-Agency RMBS	799,315,479	976,071,673
ABS	24,510,960	30,832,553
CMBS	205,848,907	211,179,945
Residential Mortgage Loans	90,133,713	15,860,583
Commercial Loans	32,800,000	32,800,000
Cash pledged (i.e., restricted cash) under repurchase agreements	11,495,756	12,155,251
Total collateral pledged under Repurchase agreements	\$ 2,975,155,702	\$ 3,397,515,434

The following table presents information with respect to the Company's total borrowings under repurchase agreements on June 30, 2018 and December 31, 2017, broken out by investment type:

	June 30, 2018	December 31, 2017
Repurchase agreements secured by investments:		
Agency RMBS	\$ 1,712,500,000	\$ 2,005,133,000
Non-Agency RMBS	653,525,000	784,896,628
ABS	18,495,000	22,761,000
CMBS	161,252,000	159,490,000
Residential Mortgage Loans	66,613,881	10,330,390
Commercial Loans	21,796,000	21,796,000
Gross Liability for Repurchase agreements	\$ 2,634,181,881	\$ 3,004,407,018

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The following table presents both gross information and net information about repurchase agreements eligible for offset in the consolidated balance sheets as of June 30, 2018:

Description	Gross Amounts of Recognized Liabilities	Gross Amounts Offset in the Consolidated Balance Sheets	Net Amounts of Liabilities Presented in the Consolidated Balance Sheets	Gross Amounts Not Offset in the Consolidated Balance Sheets		
				Financial Instruments Posted	Cash Collateral Posted	Net Amount
Repurchase Agreements	\$ 2,634,181,881	\$ -	\$ 2,634,181,881	\$ 2,634,181,881	\$ -	\$ -

The following table presents both gross information and net information about repurchase agreements eligible for offset in the consolidated balance sheets as of December 31, 2017:

Description	Gross Amounts of Recognized Liabilities	Gross Amounts Offset in the Consolidated Balance Sheets	Net Amounts of Liabilities Presented in the Consolidated Balance Sheets	Gross Amounts Not Offset in the Consolidated Balance Sheets		
				Financial Instruments Posted	Cash Collateral Posted	Net Amount
Repurchase Agreements	\$ 3,004,407,018	\$ -	\$ 3,004,407,018	\$ 3,004,407,018	\$ -	\$ -

The Company seeks to obtain financing from several different counterparties in order to reduce the financing risk related to any single counterparty. The Company has entered into master repurchase agreements (“MRAs”) or loan agreements with such financing counterparties. As of June 30, 2018 and December 31, 2017 the Company had 40 and 39 financing counterparties, respectively, under which it had outstanding debt with 29 and 27 counterparties, respectively.

The following table presents information at June 30, 2018 with respect to each counterparty that provides the Company with financing for which the Company had greater than 5% of its stockholders’ equity at risk, excluding stockholders’ equity at risk under financing through affiliated entities.

Counterparty	Stockholders’ Equity at Risk	Weighted Average Maturity (days)	Percentage of Stockholders’ Equity
RBC (Barbados) Trading Bank Corporation	\$ 37,141,335	24	5%

The following table presents information at December 31, 2017 with respect to each counterparty that provides the Company with financing for which the Company had greater than 5% of its stockholders’ equity at risk, excluding stockholders’ equity at risk under financing through affiliated entities.

Counterparty	Stockholders’ Equity at Risk	Weighted Average Maturity (days)	Percentage of Stockholders’ Equity
RBC (Barbados) Trading Bank Corporation	\$ 45,239,399	26	6%
Barclays Capital Inc	39,358,150	13	6%

On September 17, 2014, AG MIT CREL, LLC (“AG MIT CREL”), a subsidiary of the Company, entered into a Master Repurchase Agreement and Securities Contract (the “CREL Repurchase Agreement”) with Wells Fargo to finance AG MIT CREL’s acquisition of certain beneficial interests in one or more commercial mortgage loans. Each transaction under the CREL Repurchase Agreement will have its own specific terms, such as identification of the assets subject to the transaction, sale price, repurchase price and rate. The CREL Repurchase Agreement provided for a funding period ending September 17, 2016 and an initial facility termination date of September 17, 2016 (the “Initial Termination Date”), subject to the satisfaction of certain terms of the extensions described below. AG MIT CREL had three (3) one-year options to extend the term of the CREL Repurchase Agreement.

On August 4, 2015, the Company, AG MIT CREL and AG MIT entered into an Omnibus Amendment No. 1 to Master Repurchase and Securities Contract, Guarantee Agreement and Fee and Pricing Letter (the “First Amendment”) with Wells Fargo. The First Amendment amended certain terms in the CREL Repurchase Agreement, the Guarantee, dated as of September 17, 2014, delivered by the Company and AG MIT to Wells Fargo and the Fee and Pricing Letter, dated as of September 17, 2014, between AG MIT CREL and Wells Fargo. The First Amendment lowered the maximum aggregate borrowing capacity available under the CREL Repurchase Agreement from \$150 million to approximately \$42.8 million. The First Amendment also provided that the CREL Repurchase Agreement become full recourse to the Company and AG MIT, LLC. By amending the recourse of the CREL Repurchase Agreement to the Company and AG MIT, the Company was able to remove certain financial covenants on AG MIT CREL that limited the amount that AG MIT CREL could borrow under the CREL Repurchase Agreement. The First Amendment also eliminated the fee for the portion of the repurchase facility that was unused. The CREL Repurchase Agreement contains representations, warranties, covenants, including financial covenants, events of default and indemnities that are customary for agreements of this type. As of June 30, 2018 and December 31, 2017, the Company had \$21.8 million of debt outstanding under this facility.

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In September 2016, the Company exercised its first option to extend the term of the CREL Repurchase Agreement. In June 2017, the Company, AG MIT CREL and AG MIT entered into an Omnibus Amendment No. 2 to Master Repurchase and Securities Contract, Guarantee Agreement and Fee and Pricing Letter (the “Second Amendment”) with Wells Fargo. The Second Amendment amended the CREL Repurchase Agreement to extend the facility termination date to July 1, 2019 and removed the second and third extension options.

In June 2018, AG MIT WFB1 2014 LLC (“AG MIT WFB1”), a subsidiary of the Company, entered into Amendment Numbers Seven and Eight of the Master Repurchase Agreement and Securities Contract (as amended, the “WFB1 Repurchase Agreement”) with Wells Fargo to finance the ownership and acquisition of certain pools of residential mortgage loans. The WFB1 Repurchase Agreement provides for a funding period ending June 14, 2019 and a facility termination date of June 15, 2020. The maximum aggregate borrowing capacity available under the WFB1 Repurchase Agreement is \$110.0 million. The WFB1 Repurchase Agreement contains representations, warranties, covenants, including financial covenants, events of default and indemnities that are customary for agreements of this type. In the event the debt outstanding under the WFB1 Repurchase Agreement falls below \$7.0 million, a cash trap trigger event will occur in which all income payments received by Wells Fargo will be applied against the outstanding balance until the WFB1 Repurchase Agreement is paid off. As of June 30, 2018 and December 31, 2017, the Company had \$66.6 million and \$10.3 million of debt outstanding under the WFB1 Repurchase Agreement, respectively.

The Company’s MRAs generally include customary representations, warranties, and covenants, but may also contain more restrictive supplemental terms and conditions. Although specific to each MRA, typical supplemental terms include requirements of minimum equity, leverage ratios, performance triggers or other financial ratios.

8. Derivatives

The Company’s derivatives may include interest rate swaps (“swaps”), TBAs, swaption contracts and Eurodollar Futures and U.S. Treasury Futures, (collectively, “Futures”). Derivatives have not been designated as hedging instruments. The Company may also utilize other instruments to manage interest rate risk, including long and short positions in U.S. Treasury securities.

The Company may exchange cash “variation margin” with the counterparties to its derivative instruments at least on a daily basis based upon daily changes in fair value as measured by the Chicago Mercantile Exchange (“CME”), the central clearinghouse through which those derivatives are cleared. In addition, the CME requires market participants to deposit and maintain an “initial margin” amount which is determined by the CME and is generally intended to be set at a level sufficient to protect the CME from the maximum estimated single-day price movement in that market participant’s contracts.

Receivables recognized for the right to reclaim cash initial margin posted in respect of derivative instruments are included in the “Restricted cash” line item in the consolidated balance sheets. Prior to the first quarter of 2017, the daily exchange of variation margin associated with centrally cleared derivative instruments was considered a pledge of collateral. For these prior periods, receivables recognized for the right to reclaim cash variation margin posted in respect of derivative instruments are included in the “Restricted cash” line item in the consolidated balance sheets.

Beginning in the first quarter of 2017, as a result of a CME amendment to their rule book which governs their central clearing activities, the daily exchange of variation margin associated with a centrally cleared derivative instrument is legally characterized as the daily settlement of the derivative instrument itself, as opposed to a pledge of collateral. Accordingly, beginning in 2017, the Company accounts for the daily receipt or payment of variation margin associated with its centrally cleared derivative instruments as a direct reduction to the carrying value of the derivative asset or liability, respectively. Beginning in 2017, the carrying amount of centrally cleared derivative instruments reflected in the Company’s consolidated balance sheets approximates the unsettled fair value of such instruments; because variation margin is exchanged on a one-day lag, the unsettled fair value of such instruments represents the change in fair value that occurred on the last day of the reporting period. Non-exchange traded derivatives were not affected by these legal interpretations and continue to be reported at fair value including accrued interest.

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The following table presents the fair value of the Company's derivative and other instruments and their balance sheet location at June 30, 2018 and December 31, 2017.

Derivatives and Other Instruments	Designation	Balance Sheet Location	June 30, 2018	December 31, 2017
Interest rate swaps (1)	Non-Hedge	Derivative assets, at fair value	\$ 2,853,609	\$ 1,428,240
Interest rate swaps (1)	Non-Hedge	Derivative liabilities, at fair value	(473,647)	(450,208)
Swaptions	Non-Hedge	Derivative assets, at fair value	971,831	362,202
TBAs	Non-Hedge	Derivative assets, at fair value	397,266	226,565
TBAs	Non-Hedge	Derivative liabilities, at fair value	(152,343)	-
Short positions on U.S. Treasury Futures	Non-Hedge	Derivative assets, at fair value	-	110,063
Short positions on U.S. Treasuries	Non-Hedge	Obligation to return securities borrowed under reverse repurchase agreements, at fair value (2)	-	(24,379,356)

(1) As of June 30, 2018, the Company applied a reduction in fair value of \$62.2 million and \$1.9 million to its interest rate swap assets and liabilities, respectively. As of December 31, 2017, the Company applied a reduction in fair value of \$19.5 million and \$0.6 million to its interest rate swap assets and liabilities, respectively, related to variation margin.

(2) The Company's obligation to return securities borrowed under reverse repurchase agreements relates to securities borrowed to cover short sales of U.S. Treasury securities. The change in fair value of the borrowed securities is recorded in the "Unrealized gain/(loss) on derivatives and other instruments, net" line item in the Company's consolidated statement of operations.

The following table summarizes information related to derivatives and other instruments:

Non-hedge derivatives and other instruments held long/(short):	June 30, 2018	December 31, 2017
Notional amount of Pay Fix/Receive Float Interest Rate Swap Agreements	\$ 2,396,000,000	\$ 2,227,000,000
Notional amount of Swaptions	250,000,000	270,000,000
Net notional amount of TBAs	160,000,000	100,000,000
Notional amount of short positions on U.S. Treasury Futures (1)	(20,000,000)	(52,500,000)
Notional amount of short positions on U.S. Treasuries	-	(24,668,000)

(1) Each U.S. Treasury Future contract embodies \$100,000 of notional value.

The following table summarizes gains/(losses) related to derivatives and other instruments:

Non-hedge derivatives and other instruments gain/(loss):	Statement of Operations Location	Three Months Ended June 30, 2018	Three Months Ended June 30, 2017	Six Months Ended June 30, 2018	Six Months Ended June 30, 2017
Interest rate swaps, at fair value	Unrealized gain/(loss) on derivative and other instruments, net	\$ 5,610,322	\$ 2,027,635	\$ 41,862,031	\$ 3,258,849
Interest rate swaps, at fair value	Net realized gain/(loss)	5,861,656	(8,082,738)	5,861,656	(8,082,738)
Swaptions, at fair value	Unrealized gain/(loss) on derivative and other instruments, net	(383,517)	-	(31,746)	-
Swaptions, at fair value	Net realized gain/(loss)	-	-	50,625	-
U.S. Treasury Futures	Unrealized gain/(loss) on derivative and other instruments, net	384,938	1,273,312	(109,419)	1,379,811
U.S. Treasury Futures	Net realized gain/(loss)	66,820	(2,882,643)	739,600	(3,830,579)
TBAs (1)	Unrealized gain/(loss) on derivative and other instruments, net	(409,370)	(1,409,304)	18,357	(1,049,539)
TBAs (1)	Net realized gain/(loss)	(208,086)	1,573,086	164,531	1,331,055
U.S. Treasuries	Unrealized gain/(loss) on derivative and other instruments, net	-	-	(94,004)	(1,724,922)
U.S. Treasuries	Net realized gain/(loss)	-	-	131,375	1,730,547

(1) For the three months ended June 30, 2018, gains and losses from purchases and sales of TBAs consisted of \$0.6 million of net TBA dollar roll net interest income and net losses of \$1.3 million due to price changes. For the six months ended June 30, 2018, gains and losses from purchases and sales of TBAs consisted of \$1.1 million of net TBA dollar roll net interest income and net losses of \$1.0 million due to price changes. For the three months ended June 30, 2017, gains and losses from purchases and sales of TBAs consisted of \$0.7 million of net TBA dollar roll net interest income and net losses of \$0.6 million due to price changes. For the six months ended June 30, 2017, gains and losses from purchases and sales of TBAs consisted of \$1.1 million of net TBA dollar roll net interest income and net losses of \$0.8 million due to price changes.

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The following table presents both gross information and net information about derivative and other instruments eligible for offset in the consolidated balance sheets as of June 30, 2018:

Description (1)	Gross Amounts of Recognized Assets (Liabilities)	Gross Amounts Offset in the Consolidated Balance Sheets	Net Amounts of Assets (Liabilities) Presented in the Consolidated Balance Sheets	Gross Amounts Not Offset in the Consolidated Balance Sheet		Net Amount
				Financial Instruments (Posted)/Received	Cash Collateral (Posted)/Received	
Derivative Assets (2)						
Interest Rate Swaps	\$ 4,666,803	\$ -	\$ 4,666,803	\$ -	\$ 4,666,803	\$ -
Interest Rate Swaptions	971,831	-	971,831	-	500,000	471,831
TBAs	397,266	-	397,266	-	-	397,266
Total Derivative Assets	\$ 6,035,900	\$ -	\$ 6,035,900	\$ -	\$ 5,166,803	\$ 869,097
Derivative Liabilities (3)						
Interest Rate Swaps	\$ 277,398	\$ -	\$ 277,398	\$ -	\$ 277,398	\$ -
TBAs	(152,343)	-	(152,343)	-	(152,343)	-
Total Derivative Liabilities	\$ 125,055	\$ -	\$ 125,055	\$ -	\$ 125,055	\$ -

(1) The Company applied a reduction in fair value of \$62.2 million and \$1.9 million to its interest rate swap assets and liabilities, respectively, related to variation margin.

(2) Included in Derivative Assets on the consolidated balance sheet is \$6,035,900 less accrued interest of \$(1,813,194) for a total of \$4,222,706.

(3) Included in Derivative Liabilities on the consolidated balance sheet is \$125,055 million plus accrued interest of \$(751,045) for a total of \$(625,990).

The following table presents both gross information and net information about derivative instruments eligible for offset in the consolidated balance sheets as of December 31, 2017:

Description (1)	Gross Amounts of Recognized Assets (Liabilities)	Gross Amounts Offset in the Consolidated Balance Sheets	Net Amounts of Assets (Liabilities) Presented in the Consolidated Balance Sheets	Gross Amounts Not Offset in the Consolidated Balance Sheet		Net Amount
				Financial Instruments (Posted)/Received	Cash Collateral (Posted)/Received	
Receivable Under Reverse Repurchase Agreements	\$ 24,671,320	\$ -	\$ 24,671,320	\$ 24,379,356	\$ -	\$ 291,964
Derivative Assets (2)						
Interest Rate Swaps	\$ 4,543,743	\$ -	\$ 4,543,743	\$ -	\$ 1,666,444	\$ 2,877,299
Interest Rate Swaptions	362,202	-	362,202	-	-	362,202
TBAs	226,565	-	226,565	-	-	226,565
U.S. Treasury Futures - Short	110,063	-	110,063	-	-	110,063
Total Derivative Assets	\$ 5,242,573	\$ -	\$ 5,242,573	\$ -	\$ 1,666,444	\$ 3,576,129
Derivative Liabilities (3)						
Interest Rate Swaps	\$ (5,645)	\$ -	\$ (5,645)	\$ -	\$ (5,645)	\$ -
Total Derivative Liabilities	\$ (5,645)	\$ -	\$ (5,645)	\$ -	\$ (5,645)	\$ -

(1) The Company applied a reduction in fair value of \$19.5 million and \$0.6 million to its interest rate swap assets and liabilities, respectively, related to variation margin.

(2) Included in Derivative Assets on the consolidated balance sheet is \$5,242,573 less accrued interest of \$(3,115,503) for a total of \$2,127,070.

(3) Included in Derivative Liabilities on the consolidated balance sheet is \$(5,645) plus accrued interest of \$(444,563) for a total of \$(450,208).

The Company must post cash or securities as collateral on its derivative instruments when their fair value declines. This typically occurs when prevailing market rates change adversely, with the severity of the change also dependent on the term of the derivatives involved. The posting of collateral is generally bilateral, meaning that if the fair value of the Company's derivatives increases, its counterparty will post collateral to it. As of June 30, 2018, the Company pledged real estate securities with a fair value of \$7.2 million and cash of \$35.9 million as collateral against certain derivatives. The Company's counterparties posted cash of \$4.1 million to it as collateral for certain derivatives. As of December 31, 2017, the Company pledged real estate securities with a fair value of \$7.5 million and cash of \$25.4 million as collateral against certain derivatives. The Company's counterparties posted cash of \$1.7 million as collateral for certain derivatives.

Interest rate swaps

To help mitigate exposure to increases in short-term interest rates, the Company uses currently-paying and may use forward-starting, one- or three-month LIBOR-indexed, pay-fixed, receive-variable, interest rate swap agreements. This arrangement hedges our exposure to higher short-term interest rates because the variable-rate payments received on the swap agreements largely offset additional interest accruing on the related borrowings due to the higher interest rate, leaving the fixed-rate payments to be paid on the swap agreements as the Company's effective borrowing rate, subject to certain adjustments including changes in spreads between variable rates on the swap agreements and actual borrowing rates.

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As of June 30, 2018, the Company's interest rate swap positions consist of pay-fixed interest rate swaps. The following table presents information about the Company's interest rate swaps as of June 30, 2018:

Maturity	Notional Amount	Weighted Average Pay-Fixed Rate	Weighted Average Receive-Variable Rate	Weighted Average Years to Maturity
2019	\$ 170,000,000	1.36%	2.34%	1.38
2020	540,000,000	1.64%	2.34%	1.88
2022	653,000,000	1.90%	2.34%	4.10
2023	149,000,000	2.94%	2.35%	4.90
2024	230,000,000	2.06%	2.33%	6.00
2025	125,000,000	2.87%	2.34%	6.88
2026	75,000,000	2.12%	2.33%	8.39
2027	264,000,000	2.35%	2.34%	9.19
2028	190,000,000	2.94%	2.34%	9.79
Total/Wtd Avg	\$ 2,396,000,000	2.07%	2.34%	4.93

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As of December 31, 2017, the Company's interest rate swap positions consist of pay-fixed interest rate swaps. The following table presents information about the Company's interest rate swaps as of December 31, 2017:

Maturity	Notional Amount	Weighted Average Pay-Fixed Rate	Weighted Average Receive-Variable Rate	Weighted Average Years to Maturity
2019	\$ 170,000,000	1.36%	1.43%	1.88
2020	835,000,000	1.77%	1.52%	2.54
2022	653,000,000	1.90%	1.51%	4.59
2024	230,000,000	2.06%	1.47%	6.50
2026	75,000,000	2.12%	1.44%	8.89
2027	264,000,000	2.35%	1.50%	9.69
Total/Wtd Avg	\$ 2,227,000,000	1.89%	1.50%	4.56

TBAs

As discussed in Note 2, the Company has entered into TBAs. The following table presents information about the Company's TBAs for the three and six months ended June 30, 2018 and June 30, 2017:

For the Three Months Ended June 30, 2018

	Beginning Notional Amount	Buys or Covers	Sales or Shorts	Ending Notional Amount	Fair Value as of Period End	Receivable/(Payable) from/to Broker	Derivative Asset	Derivative Liability
TBAs - Long	\$ 139,000,000	\$ 316,000,000	\$ (295,000,000)	\$ 160,000,000	\$ 166,600,000	\$ (166,202,734)	\$ 397,266	\$ -
TBAs - Short	\$ -	\$ 551,000,000	\$ (551,000,000)	\$ -	\$ -	\$ (152,343)	\$ -	\$ (152,343)

For the Three Months Ended June 30, 2017

	Beginning Notional Amount	Buys or Covers	Sales or Shorts	Ending Notional Amount	Fair Value as of Period End	Receivable/(Payable) from/to Broker	Derivative Asset	Derivative Liability
TBAs - Long	\$ 90,000,000	\$ 891,000,000	\$ (681,000,000)	\$ 300,000,000	\$ 309,964,840	\$ (311,438,243)	\$ 295,629	\$ (1,769,032)
TBAs - Short	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

For the Six Months Ended June 30, 2018

	Beginning Notional Amount	Buys or Covers	Sales or Shorts	Ending Notional Amount	Fair Value as of Period End	Receivable/(Payable) from/to Broker	Derivative Asset	Derivative Liability
TBAs - Long	\$ 100,000,000	\$ 951,000,000	\$ (891,000,000)	\$ 160,000,000	\$ 166,600,000	\$ (166,202,734)	\$ 397,266	\$ -
TBAs - Short	\$ -	\$ 854,000,000	\$ (854,000,000)	\$ -	\$ -	\$ (152,343)	\$ -	\$ (152,343)

For the Six Months Ended June 30, 2017

	Beginning Notional Amount	Buys or Covers	Sales or Shorts	Ending Notional Amount	Fair Value as of Period End	Receivable/(Payable) from/to Broker	Derivative Asset	Derivative Liability
TBAs - Long	\$ 50,000,000	\$ 1,176,000,000	\$ (926,000,000)	\$ 300,000,000	\$ 309,964,840	\$ (311,438,243)	\$ 295,629	\$ (1,769,032)
TBAs - Short	\$ (75,000,000)	\$ 75,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

9. Earnings per share

Basic earnings per share ("EPS") is calculated by dividing net income/(loss) available to common stockholders for the period by the weighted- average shares of the Company's common stock outstanding for that period that participate in the Company's common dividends. Diluted EPS takes into account the effect of dilutive instruments, such as stock options, warrants, unvested restricted stock and unvested restricted stock units but uses the average share price for the period in determining the number of incremental shares that are to be added to the weighted-average number of shares outstanding.

As of June 30, 2018 and June 30, 2017, the Company's outstanding warrants and unvested restricted stock units were as follows:

	June 30, 2018	June 30, 2017
Outstanding warrants	1,007,500	1,007,500
Unvested restricted stock units previously granted to the Manager	60,000	20,003

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Each warrant entitled the holder to purchase half a share of the Company's common stock at a fixed price upon exercise of the warrant. For the three and six months ended June 30, 2018 and June 30, 2017, the Company excluded the effects of such from the computation of diluted earnings per share because their effect would be anti-dilutive. The warrants expired on July 6, 2018.

Restricted stock units granted to the manager do not entitle the participant the rights of a shareholder of the Company's common stock, such as dividend and voting rights, until shares are issued in settlement of the vested units. The restricted stock units are not considered to be participating shares. The dilutive effects of the restricted stock units are only included in diluted weighted average common shares outstanding.

The following table presents a reconciliation of the earnings and shares used in calculating basic and diluted EPS for the three and six months ended June 30, 2018 and June 30, 2017:

	Three Months Ended June 30, 2018	Three Months Ended June 30, 2017	Six Months Ended June 30, 2018	Six Months Ended June 30, 2017
Numerator:				
Net income/(loss) available to common stockholders for basic and diluted earnings per share	\$ 4,800,791	\$ 29,803,777	\$ 9,680,846	\$ 51,554,085
Denominator:				
Basic weighted average common shares outstanding	28,200,928	27,724,183	28,198,315	27,713,104
Dilutive effect of restricted stock units	27,142	7,142	23,589	7,205
Diluted weighted average common shares outstanding	28,228,070	27,731,325	28,221,904	27,720,309
Basic Earnings/(Loss) Per Share of Common Stock:	\$ 0.17	\$ 1.08	\$ 0.34	\$ 1.86
Diluted Earnings/(Loss) Per Share of Common Stock:	\$ 0.17	\$ 1.07	\$ 0.34	\$ 1.86

The following tables detail our common stock dividends for the six months ended June 30, 2018 and June 30, 2017:

2018

Declaration Date	Record Date	Payment Date	Dividend Per Share
3/15/2018	3/29/2018	4/30/2018	\$ 0.475
6/18/2018	6/29/2018	7/31/2018	0.500

2017

Declaration Date	Record Date	Payment Date	Dividend Per Share
3/10/2017	3/21/2017	4/28/2017	\$ 0.475
6/8/2017	6/19/2017	7/31/2017	0.475

The following tables detail our preferred stock dividends during the six months ended June 30, 2018 and June 30, 2017:

2018

Dividend	Declaration Date	Record Date	Payment Date	Dividend Per Share
8.25% Series A	2/16/2018	2/28/2018	3/19/2018	\$ 0.51563
8.25% Series A	5/15/2018	5/31/2018	6/18/2018	0.51563

Dividend	Declaration Date	Record Date	Payment Date	Dividend Per Share
8.00% Series B	2/16/2018	2/28/2018	3/19/2018	\$ 0.50
8.00% Series B	5/15/2018	5/31/2018	6/18/2018	0.50

2017

Dividend	Declaration Date	Record Date	Payment Date	Dividend Per Share
8.25% Series A	2/16/2017	2/28/2017	3/17/2017	\$ 0.51563
8.25% Series A	5/15/2017	5/31/2017	6/19/2017	0.51563

Dividend	Declaration Date	Record Date	Payment Date	Dividend Per Share
8.00% Series B	2/16/2017	2/28/2017	3/17/2017	\$ 0.50
8.00% Series B	5/15/2017	5/31/2017	6/19/2017	0.50

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10. Income taxes

As a REIT, the Company is not subject to federal income tax to the extent that it makes qualifying distributions to its stockholders, and provided it satisfies on a continuing basis, through actual investment and operating results, the REIT requirements including certain asset, income, distribution and stock ownership tests. Most states follow U.S. federal income tax treatment of REITs.

For the three months ended June 30, 2018 and June 30, 2017, the Company recorded excise tax expense of \$0.4 million and \$0.4 million, respectively. For the six months ended June 30, 2018 and June 30, 2017, the Company recorded excise tax expense of \$0.8 million and \$0.8 million, respectively. Excise tax represents a four percent tax on the required amount of the Company's ordinary income and net capital gains not distributed during the year. The expense is calculated in accordance with applicable tax regulations.

The Company files tax returns in several U.S jurisdictions. There are no ongoing U.S. federal, state or local tax examinations.

The Company elected to treat certain domestic subsidiaries as TRSs and may elect to treat other subsidiaries as TRSs. In general, a TRS may hold assets and engage in activities that the Company cannot hold or engage in directly, and generally may engage in any real estate or non-real estate-related business.

The Company elected to treat one of its foreign subsidiaries as a TRS and, accordingly, taxable income generated by this TRS may not be subject to local income taxation, but generally will be included in the Company's income on a current basis as Subpart F income, whether or not distributed.

Cash distributions declared by the Company that do not exceed its current or accumulated earnings and profits will be considered ordinary income to stockholders for income tax purposes unless all or a portion of a distribution is designated by the Company as a capital gain dividend. Distributions in excess of the Company's current and accumulated earnings and profits will be characterized as return of capital or capital gains.

Based on the Company's analysis of any potential uncertain income tax positions, the Company concluded it did not have any uncertain tax positions that meet the recognition or measurement criteria of ASC 740 as of June 30, 2018 or June 30, 2017. The Company's federal income tax returns for the last three tax years are open to examination by the Internal Revenue Service. In the event that the Company incurs income tax related interest and penalties, its policy is to classify them as a component of provision for income taxes.

11. Related party transactions

The Company has entered into a management agreement with the Manager, which provided for an initial term and will be deemed renewed automatically each year for an additional one-year period, subject to certain termination rights. As of June 30, 2018 and December 31, 2017, no event of termination had occurred. The Company is externally managed and advised by the Manager. Pursuant to the terms of the management agreement, which became effective July 6, 2011 (upon the consummation of the Company's initial public offering (the "IPO")), the Manager provides the Company with its management team, including its officers, along with appropriate support personnel. Each of the Company's officers is an employee of Angelo, Gordon. The Company does not have any employees. The Manager, pursuant to a delegation agreement dated as of June 29, 2011, has delegated to Angelo, Gordon the overall responsibility of its day-to-day duties and obligations arising under the Company's management agreement.

Management fee

The Manager is entitled to a management fee equal to 1.50% per annum, calculated and paid quarterly, of the Company's Stockholders' Equity. For purposes of calculating the management fee, "Stockholders' Equity" means the sum of the net proceeds from any issuances of equity securities (including preferred securities) since inception (allocated on a pro rata daily basis for such issuances during the fiscal quarter of any such issuance, and excluding any future equity issuance to the Manager), plus the Company's retained earnings at the end of such quarter (without taking into account any non-cash equity compensation expense or other non-cash items described below incurred in current or prior periods), less any amount that the Company pays for repurchases of its common stock, excluding any unrealized gains, losses or other non-cash items that have impacted stockholders' equity as reported in the Company's financial statements prepared in accordance with GAAP, regardless of whether such items are included in other comprehensive income or loss, or in net income, and excluding one-time events pursuant to changes in GAAP, and certain other non-cash charges after discussions between the Manager and the Company's independent directors and after approval by a majority of the Company's independent directors. Stockholders' Equity, for purposes of calculating the management fee, could be greater or less than the amount of stockholders' equity shown on the Company's financial statements.

For the three and six months ended June 30, 2018, the Company incurred management fees of approximately \$2.4 million and \$4.8 million, respectively. For the three and six months ended June 30, 2017, the Company incurred management fees of approximately \$2.4 million and \$4.9 million, respectively.

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Termination fee

The termination fee, payable upon the occurrence of (i) the Company's termination of the management agreement without cause or (ii) the Manager's termination of the management agreement upon a breach of any material term of the management agreement, will be equal to three times the average annual management fee during the 24-month period prior to such termination, calculated as of the end of the most recently completed fiscal quarter. As of June 30, 2018 and December 31, 2017, no event of termination of the management agreement had occurred.

Expense reimbursement

The Company is required to reimburse the Manager or its affiliates for operating expenses which are incurred by the Manager or its affiliates on behalf of the Company, including expenses relating to legal, accounting, due diligence and other services. The Company's reimbursement obligation is not subject to any dollar limitation; however, the reimbursement is subject to an annual budget process which combines guidelines from the Management Agreement with oversight by the Company's board of directors.

The Company reimburses the Manager or its affiliates for the Company's allocable share of the compensation, including, without limitation, annual base salary, bonus, any related withholding taxes and employee benefits paid to (i) the Company's chief financial officer based on the percentage of time spent on Company affairs, (ii) the Company's general counsel based on the percentage of time spent on the Company's affairs, and (iii) other corporate finance, tax, accounting, internal audit, legal, risk management, operations, compliance and other non-investment personnel of the Manager and its affiliates who spend all or a portion of their time managing the Company's affairs based upon the percentage of time devoted by such personnel to the Company's affairs. In their capacities as officers or personnel of the Manager or its affiliates, they devote such portion of their time to the Company's affairs as is necessary to enable the Company to operate its business.

Of the \$3.5 million and \$6.7 million of Other operating expenses for the three and six months ended June 30, 2018, respectively, the Company has accrued \$1.7 million and \$3.5 million, respectively, representing a reimbursement of expenses. Of the \$2.8 million and \$5.6 million of Other operating expenses for the three and six months ended June 30, 2017, respectively, the Company has accrued \$1.7 million and \$3.4 million, respectively, representing a reimbursement of expenses.

Restricted stock grants

Pursuant to the Company's Manager Equity Incentive Plan and the Equity Incentive Plan adopted on July 6, 2011, the Company can award up to 277,500 shares of its common stock in the form of restricted stock, stock options, restricted stock units or other types of awards to the directors, officers, advisors, consultants and other personnel of the Company and to the Manager. As of June 30, 2018, 53,751 shares of common stock were available to be awarded under the equity incentive plans. Awards under the equity incentive plans are forfeitable until they become vested. An award will become vested only if the vesting conditions set forth in the applicable award agreement (as determined by the compensation committee) are satisfied. The vesting conditions may include performance of services for a specified period, achievement of performance goals, or a combination of both. The compensation committee also has the authority to provide for accelerated vesting of an award upon the occurrence of certain events in its discretion.

As of June 30, 2018, the Company has granted an aggregate of 63,499 and 40,250 shares of restricted common stock to its independent directors and Manager, respectively, and 120,000 restricted stock units to its Manager under its equity incentive plans. As of June 30, 2018, all the shares of restricted common stock granted to the Company's Manager and independent directors have vested and 60,000 restricted stock units granted to the Company's Manager have vested. The 60,000 restricted stock units that have not vested as of June 30, 2018 were granted to the Manager on July 1, 2017 and represent the right to receive an equivalent number of shares of the Company's common stock to be issued if and when the units vest. Annual vesting of approximately 20,000 units will occur on each of July 1, 2018, July 1, 2019, and July 1, 2020. The units do not entitle the participant the rights of a holder of the Company's common stock, such as dividend and voting rights, until shares are issued in settlement of the vested units. The vesting of such units is subject to the continuation of the management agreement. If the management agreement terminates, all unvested units then held by the Manager or the Manager's transferee shall be immediately cancelled and forfeited without consideration.

Director compensation

Beginning in 2018, the Company pays a \$160,000 annual base director's fee to each independent director. Base director's fees are paid 50% in cash and 50% in restricted common stock. The number of shares of restricted common stock to be issued each quarter to each independent director is determined based on the average of the high and low prices of the Company's common stock on the New York Stock Exchange on the last trading day of each fiscal quarter. To the extent that any fractional shares would otherwise be issuable and payable to each independent director, a cash payment is made to each independent director in lieu of any fractional shares. All directors' fees are paid pro rata (and restricted stock grants determined) on a quarterly basis in arrears, and shares issued are fully vested and non-forfeitable. These shares may not be sold or transferred by such director during the time of his service as an independent member of the Company's board.

AG Mortgage Investment Trust Inc. and Subsidiaries
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Investments in debt and equity of affiliates

The Company invests in credit sensitive residential and commercial real estate assets through affiliated entities which hold an ownership interest in the assets. The Company is one investor, amongst other investors managed by affiliates of Angelo, Gordon, in such entities and has applied the equity method of accounting for such investments. As of June 30, 2018 and December 31, 2017, the Company's share of these investments had a fair market value of \$199.8 million and \$88.3 million, respectively, net of any non-recourse securitized debt.

The Company's investment in AG Arc is reflected on the "Investments in debt and equity of affiliates" line item on its consolidated balance sheets at a fair value of \$18.4 million and \$17.9 million on June 30, 2018 and December 31, 2017, respectively. On March 8, 2016, an affiliate of the Manager ("the Affiliate") became a member of AG Arc. The Affiliate acquired an ownership interest in AG Arc which resulted in the Company's ownership interest being reduced on a pro-rata basis.

In June 2016, Arc Home closed on the acquisition of a Fannie Mae, Freddie Mac, Federal Housing Administration ("FHA"), Veteran's Administration ("VA") and Ginnie Mae seller/servicer of mortgages with licenses to conduct business in 47 states, including Washington D.C. Through this subsidiary, Arc Home originates conforming, Government, Jumbo and other non-conforming residential mortgage loans, retains the mortgage servicing rights associated with the loans it originates, and purchases additional mortgage servicing rights from third-party sellers. Arc Home is led by an external management team.

On August 29, 2017, the Company, alongside private funds under the management of Angelo, Gordon entered into the MATH LLC Agreement, which requires that MATH fund a capital commitment of \$75.0 million to MATT. The Company's share of MATH's total capital commitment to MATT is \$33.4 million, of which the Company had funded \$5.1 million as of June 30, 2018. As of June 30, 2018, the Company's remaining commitment was \$28.3 million (net of any return of capital to the Company).

Transactions with affiliates

In connection with the Company's investments in residential mortgage loans and residential mortgage loans in securitized form that it purchases from an affiliate (or affiliates) of the Manager ("Securitized Whole Loans"), the Company may engage asset managers to provide advisory, consultation, asset management and other services to help our third-party servicers formulate and implement strategic plans to manage, collect and dispose of loans in a manner that is reasonably expected to maximize the amount of proceeds from each loan. Beginning in November 2015, the Company engaged Red Creek Asset Management LLC ("Asset Manager"), a related party of the Manager and direct subsidiary of Angelo, Gordon, as the asset manager for certain of its residential loans and Securitized Whole Loans. The Asset Manager acknowledges that the Company will at all times have and retain ownership and control of all loans and that the Asset Manager will not acquire (i) title to any loan, (ii) any security interest in any loan, or (iii) any other rights or interests of any kind or any nature whatsoever in or to any loan. The Company pays separate arm's-length asset management fees as assessed and confirmed periodically by a third party valuation firm for (i) non-performing loans and (ii) reperforming loans. For the three and six months ended June 30, 2018, the fees paid by the Company to the Asset Manager totaled \$73,790 and \$121,431, respectively. For the three and six months ended June 30, 2017, the fees paid by the Company to the Asset Manager totaled \$44,824 and \$95,290, respectively.

Arc Home may sell loans to the Company, to third parties, or to affiliates of the Manager. Arc Home may also enter into agreements with third parties or affiliates of the Manager to sell rights to receive the excess servicing spread related to MSR's that it either purchases from third parties or originates. The Company has entered into agreements with Arc Home to purchase rights to receive the excess servicing spread related to certain of its MSR's and as of June 30, 2018, these Excess MSR's had fair value of approximately \$30.0 million.

In connection with the Company's investments in Excess MSR's purchased through Arc Home, the Company pays a sourcing fee to Arc Home. For the three and six months ended June 30, 2018 the sourcing fees paid by the Company to Arc Home totaled \$57,747 and \$77,682, respectively. For the three and six months ended June 30, 2017 the sourcing fees paid by the Company to Arc Home totaled \$3,443.

In June 2016, in accordance with the Company's Affiliated Transactions Policy, the Company executed two trades whereby the Company acquired real estate securities from two separate affiliates of the Manager (the "June Selling Affiliates"). As of the date of the trades, the securities acquired from the June Selling Affiliates had a total fair value of \$6.9 million. In each case, the June Selling Affiliates sold the real estate securities through a BWIC (Bids Wanted in Competition). Prior to the submission of the BWIC by the June Selling Affiliates, the Company submitted its bid for the real estate securities to the June Selling Affiliates. The Company's pre-submission of its bid allowed the Company to confirm third-party market pricing and best execution.

In February 2017, in accordance with the Company's Affiliated Transactions Policy, the Company executed one trade whereby the Company acquired a real estate security from an affiliate of the Manager (the "February Selling Affiliate"). As of the date of the trade, the security acquired from the February Selling Affiliate had a total fair value of \$2.0 million. The February Selling Affiliate sold the real estate security through a BWIC. Prior to the submission of the BWIC by the February Selling Affiliate, the Company submitted its bid for the real estate security to the February Selling Affiliate. The Company's pre-submission of its bid allowed the Company to confirm third-party market pricing and best execution.

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In July 2017, in accordance with the Company's Affiliated Transactions Policy, the Company acquired certain real estate securities from an affiliate of the Manager (the "July Selling Affiliate"). As of the date of the trade, the securities acquired from the July Selling Affiliate had a total fair value of \$0.2 million. As procuring market bids for the real estate securities was determined to be impracticable in the Manager's reasonable judgment, appropriate pricing was based on a valuation prepared by an independent third-party pricing vendor. The third-party pricing vendor allowed the Company to confirm third-party market pricing and best execution.

In October 2017, in accordance with the Company's Affiliated Transactions Policy, the Company acquired certain real estate securities and loans from two affiliates of the Manager (the "October Selling Affiliates"). As of the date of the trade, the real estate securities and loans acquired from the October Selling Affiliates had a total fair value of \$8.4 million. As procuring market bids for the real estate securities and loans were determined to be impracticable in the Manager's reasonable judgment, appropriate pricing was based on a valuation prepared by independent third-party pricing vendors. The third-party pricing vendors allowed the Company to confirm third-party market pricing and best execution.

12. Equity

On May 2, 2018, the Company filed a shelf registration statement registering up to \$750.0 million of its securities, including capital stock (the "2018 Registration Statement"). As of June 30, 2018, \$650.0 million of the Company's securities, including capital stock, was available for issuance under the 2018 Registration Statement. The 2018 Registration Statement became effective on May 18, 2018 and will expire on May 18, 2021.

Concurrently with the IPO in 2011, the Company offered a private placement of 3,205,000 units at \$20.00 per share to a limited number of investors qualifying as "accredited investors" under Rule 501 of Regulation D promulgated under the Securities Act of 1933, as amended (the "Securities Act"). Each unit consisted of one share of common stock ("private placement share") and a warrant ("private placement warrant") to purchase 0.5 of a share of common stock. Each private placement warrant had an exercise price of \$20.50 per share (as adjusted for reorganizations, reclassifications, consolidations, mergers, sales, transfers or other dispositions) and expired on July 6, 2018. No warrants were exercised for the three and six months ended June 30, 2018 and June 30, 2017.

The Company's Series A and Series B Preferred Stock have no stated maturity and are not subject to any sinking fund or mandatory redemption. Under certain circumstances upon a change of control, the Company's Series A and Series B Preferred Stock are convertible to shares of the Company's common stock. Holders of the Company's Series A and Series B Preferred Stock have no voting rights, except under limited conditions, and holders are entitled to receive cumulative cash dividends at a rate of 8.25% and 8.00% per annum on the Series A and Series B Preferred Stock, respectively, of the \$25.00 per share liquidation preference before holders of the common stock are entitled to receive any dividends. Shares of the Company's Series A and Series B Preferred Stock are currently redeemable at \$25.00 per share plus accumulated and unpaid dividends (whether or not declared) exclusively at the Company's option. Dividends are payable quarterly in arrears on the 17th day of each March, June, September and December. As of June 30, 2018, the Company had declared all required quarterly dividends on the Company's Series A and Series B Preferred Stock.

On November 3, 2015, the Company's board of directors authorized a stock repurchase program ("Repurchase Program") to repurchase up to \$25.0 million of its outstanding common stock. Such authorization does not have an expiration date. As part of the Repurchase Program, shares may be purchased in open market transactions, including through block purchases, through privately negotiated transactions, or pursuant to any trading plan that may be adopted in accordance with Rule 10b5-1 of the Exchange Act. Open market repurchases will be made in accordance with Exchange Act Rule 10b-18, which sets certain restrictions on the method, timing, price and volume of open market stock repurchases. Subject to applicable securities laws, the timing, manner, price and amount of any repurchases of common stock under the Repurchase Program may be determined by the Company in its discretion, using available cash resources. Shares of common stock repurchased by the Company under the Repurchase Program, if any, will be cancelled and, until reissued by the Company, will be deemed to be authorized but unissued shares of its common stock as required by Maryland law. The Repurchase Program may be suspended or discontinued by the Company at any time and without prior notice and the authorization does not obligate the Company to acquire any particular amount of common stock. The cost of the acquisition by the Company of shares of its own stock in excess of the aggregate par value of the shares first reduces additional paid-in capital, to the extent available, with any residual cost applied against retained earnings. No shares were repurchased under the Repurchase Program during the six months ended June 30, 2018 or June 30, 2017, and approximately \$14.6 million of common stock remained authorized for future share repurchases under the Repurchase Program.

On May 5, 2017, the Company entered into an equity distribution agreement with each of Credit Suisse Securities (USA) LLC and JMP Securities LLC (collectively, the "Sales Agents"), which the Company refers to as the "Equity Distribution Agreements," pursuant to which the Company may sell up to \$100.0 million aggregate offering price of shares of its common stock from time to time through the Sales Agents, as defined in Rule 415 under the Securities Act of 1933. The Equity Distribution Agreements were amended on May 2, 2018 in conjunction with the filing of the Company's 2018 Registration Statement. As of June 30, 2018, the Company sold 460,932 shares of common stock under the Equity Distribution Agreements for net proceeds of approximately \$8.6 million.

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13. Commitments and Contingencies

From time to time, the Company may become involved in various claims and legal actions arising in the ordinary course of business.

On December 9, 2015, the Company, alongside private funds under the management of Angelo, Gordon, through AG Arc, entered into Arc Home's LLC Agreement and agreed to fund an initial capital commitment of \$30.0 million. On April 25, 2017, the Company, alongside private funds under the management of Angelo, Gordon, agreed to fund an additional capital commitment to Arc Home in the amount of \$10.0 million. As of June 30, 2018, the Company's share of Arc Home's total capital commitment was \$17.8 million. The Company had funded all of its capital commitment to Arc Home as of June 30, 2018.

On February 28, 2017, the Company, alongside a private fund under the management of Angelo, Gordon, purchased a mezzanine loan and agreed to fund a commitment of \$21.9 million. The Company's share of the commitment is \$14.6 million of which the Company had funded \$10.4 million as of June 30, 2018. As of June 30, 2018, the Company's remaining commitment was \$4.2 million.

On August 29, 2017, the Company, alongside private funds under the management of Angelo, Gordon, entered into the MATH LLC Agreement, which requires that MATH fund a capital commitment of \$75.0 million to MATT. The Company's share of MATH's total capital commitment to MATT is \$33.4 million, of which the Company had funded \$5.1 million as of June 30, 2018. As of June 30, 2018, the Company's remaining commitment was \$28.3 million (net of any return of capital to the Company).

On March 29, 2018, the Company alongside private funds under the management of Angelo, Gordon, purchased a variable funding note issued pursuant to an indenture. The Company's share of the total commitment to the variable funding note is \$7.1 million, of which the Company has funded \$4.8 million as of June 30, 2018. As of June 30, 2018, the Company's remaining commitment was \$2.3 million.

On June 8, 2018, the Company, alongside private funds under the management of Angelo, Gordon and other third parties, entered into a commitment to close on a commercial loan, subject to the satisfaction of certain conditions. The Company's share of the commitment is \$20.0 million. As of June 30, 2018, the conditions had not been met, the loan had not closed and the Company had not funded any of this commitment.

In the normal course of business, the Company enters into agreements where payment may become due if certain events occur. Management believes that the probability of making such payments is remote.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS.

In this quarterly report on Form 10-Q, or this "report," we refer to AG Mortgage Investment Trust, Inc. as "we," "us," the "Company," or "our," unless we specifically state otherwise or the context indicates otherwise. We refer to our external manager, AG REIT Management, LLC, as our "Manager," and we refer to the direct parent company of our Manager, Angelo, Gordon & Co., L.P., as "Angelo, Gordon."

The following discussion should be read in conjunction with our consolidated financial statements and the accompanying notes to our consolidated financial statements, which are included in Item 1 of this report, as well as the information contained in our Annual Report on Form 10-K for the year ended December 31, 2017.

Forward-looking statements

We make forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act"), and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), in this report that are subject to substantial known and unknown risks and uncertainties. These forward-looking statements include information about possible or assumed future results of our business, financial condition, liquidity, results of operations, plans, objectives, the composition of our portfolio, actions by governmental entities, including the Federal Reserve, the potential effects of actual and proposed legislation on us, and our views on certain macroeconomic trends. When we use the words "believe," "expect," "anticipate," "estimate," "plan," "continue," "intend," "should," "may" or similar expressions, we intend to identify forward-looking statements.

These forward-looking statements are based upon information presently available to our management and are inherently subjective, uncertain and subject to change. There can be no assurance that actual results will not differ materially from our expectations. Some, but not all, of the factors that might cause such a difference include, but are not limited to, changes in interest rates, changes in the yield curve, changes in prepayment rates, the availability and terms of financing, changes in the market value of our assets, general economic conditions, conditions in the market for Agency RMBS, Non-Agency RMBS, ABS and CMBS securities and loans, and legislative and regulatory changes that could adversely affect us. We caution investors not to rely unduly on any forward-looking statements, which speak only as of the date made, and urge you to carefully consider the risks noted above and identified under the captions "Risk Factors," and "Management's Discussion and Analysis of Financial Condition and Results of Operations" in our Annual Report on Form 10-K for the year ended December 31, 2017 and any subsequent filings. New risks and uncertainties arise from time to time, and it is impossible for us to predict those events or how they may affect us. Except as required by law, we are not obligated to, and do not intend to, update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. All forward-looking statements that we make, or that are attributable to us, are expressly qualified by this cautionary notice.

Our company

We are a Maryland corporation focused on investing in, acquiring and managing a diversified portfolio of residential mortgage assets, other real estate-related securities, financial assets and real estate, which we refer to as our target assets. We are externally managed by our Manager, a wholly-owned subsidiary of Angelo, Gordon, pursuant to a management agreement. Our Manager, pursuant to the delegation agreement dated as of June 29, 2011, has delegated to Angelo, Gordon the overall responsibility of its day-to-day duties and obligations arising under the management agreement. We conduct our operations to qualify and be taxed as a real estate investment trust, or REIT, for U.S. federal income tax purposes. Accordingly, we generally will not be subject to U.S. federal income taxes on our taxable income that we distribute currently to our stockholders as long as we maintain our intended qualification as a REIT. We also operate our business in a manner that permits us to maintain our exemption from registration under the Investment Company Act of 1940, as amended, or the Investment Company Act. Our common stock is traded on the New York Stock Exchange, or the NYSE, under the symbol MITT. Our 8.25% Series A Cumulative Redeemable Preferred Stock and our 8.00% Series B Cumulative Redeemable Preferred Stock trade on the NYSE under the ticker symbols MITT-PA and MITT-PB, respectively.

Our investment portfolio

Our investment portfolio is comprised of Agency RMBS, Residential Investments, Commercial Investments, and ABS, each of which is described below.

Agency RMBS

Our investment portfolio is comprised primarily of residential mortgage-backed securities, or RMBS. Certain of the assets in our RMBS portfolio have an explicit guarantee of principal and interest by a U.S. government agency such as the Government National Mortgage Association, or Ginnie Mae, or by a government-sponsored entity such as the Federal National Mortgage Association, or Fannie Mae, or the Federal Home Loan Mortgage Corporation, or Freddie Mac (each, a “GSE”). We refer to these securities as Agency RMBS. Our Agency RMBS portfolio includes:

- Fixed rate securities (held as mortgage pass-through securities);
- Sequential pay fixed rate collateralized mortgage obligations (“CMOs”);
- Inverse Interest-Only securities (CMOs where the holder is entitled only to the interest payments made on the mortgages underlying certain mortgage backed securities (“MBS”) whose coupon has an inverse relationship to its benchmark rate, such as LIBOR);
- Interest-Only securities (CMOs where the holder is entitled only to the interest payments made on the mortgages underlying certain MBS “interest-only strips”);
- Excess mortgage servicing rights (“Excess MSRs”) whose underlying collateral is securitized in a trust held by a U.S. government agency or GSE; and
- Certain Agency RMBS for which the underlying collateral is not identified until shortly (generally two days) before the purchase or sale settlement date (“TBAs”).

Residential Investments

Our investment portfolio also includes a significant portion of Residential Investments. The Residential Investments that we own include RMBS that are not issued or guaranteed by Ginnie Mae or a GSE, which we refer to as our Non-Agency RMBS. Our Non-Agency RMBS include investment grade and non-investment grade fixed- and floating-rate securities. We categorize certain of our Residential Investments by weighted average credit score at origination:

- Prime (weighted average credit score above 700)
- Alt-A/Subprime
 - Alt-A (weighted average credit score between 700 and 620); and
 - Subprime (weighted average credit score below 620)

The Residential Investments that we do not categorize by weighted average credit score at origination include our:

- CRTs (defined below)
- RPL/NPL (described below)
- Interest-Only securities (Non-Agency RMBS backed by interest-only strips)
- Excess MSRs whose underlying collateral is securitized in a trust not held by a U.S. government agency or GSE (grouped with Interest-Only securities throughout this Item 2); and
- Residential Whole Loans (described below).

Credit Risk Transfer securities (“CRTs”) include:

- Unguaranteed and unsecured mezzanine, junior mezzanine and first loss securities issued either by GSEs or issued by other third-party institutions to transfer their exposure to mortgage default risk to private investors. These securities reference a specific pool of newly originated single family mortgages from a specified time period (typically around the time of origination). The risk of loss on the reference pool of mortgages is transferred to investors who may experience losses when adverse credit events such as defaults, liquidations or delinquencies occur in the underlying mortgages. Owners of these securities generally receive an uncapped floating interest rate equal to a predetermined spread over one-month LIBOR.

RPL/NPL include:

- Mortgage-backed securities collateralized by re-performing mortgage loans (“RPL”) and/or non-performing mortgage loans (“NPL”). The RPL/NPL that we own represent the senior and mezzanine tranches of such securitizations. These RPL/NPL securitizations are structured with significant credit enhancement (typically, approximately 50% to the senior tranche and 40% to the mezzanine tranche), which mitigates our exposure to credit risk on these securities. “Credit enhancement” refers to the value of the subordinated tranches available to absorb all credit losses prior to those losses being allocated to more senior tranches. For a senior tranche in this type of securitization to experience loss, the value of the collateral underlying the securitization would have to decrease by 50%. Subordinate tranches typically receive no cash flow (interest or principal) until the senior and mezzanine tranches have been paid off. In addition, the RPL/NPL that we own contain an “interest rate step-up” feature, whereby the interest rate or “coupon” on the senior tranche increases by typically 300 basis points or typically 400 basis points in the case of mezzanine tranches (a “step up”) if the security that we hold has not been redeemed or repurchased by the issuer within 36 months of issuance. We expect that the combination of the priority cash flow of the senior and mezzanine tranches and the 36-month step-up feature will result in these securities exhibiting short average lives and, accordingly, reduced interest rate sensitivity.

Residential Whole Loans include:

- RPLs or NPLs in securitized form that we purchase from an affiliate (or affiliates) of the Manager. The securitizations typically take the form of various classes of notes and a trust certificate.
- RPLs or NPLs that we hold through interests in certain consolidated trusts. These investments are included in the “Residential mortgage loans, at fair value” line item on our consolidated balance sheets.
- “Non-QMs,” which are residential mortgage loans that are not deemed “qualified mortgage,” or “QM,” loans under the rules of the Consumer Financial Protection Bureau (the “CFPB”) that we hold alongside other private funds under the management of Angelo, Gordon. Non-QMs are not eligible for delivery to Fannie Mae, Freddie Mac, or Ginnie Mae. These investments are held in one of our unconsolidated subsidiaries, Mortgage Acquisition Trust I LLC (see the “Contractual obligations” section of this Item 2 for more detail), and are included in the “Investments in debt and equity of affiliates” line item on our consolidated balance sheets.

Commercial Investments

We also invest in Commercial Investments. Our Commercial Investments include commercial mortgage-backed securities, or CMBS, Freddie Mac K-Series (described below), Interest-Only securities (CMBS backed by interest-only strips) and commercial mortgage loans.

Freddie Mac K-Series (“K-Series”) include:

- CMBS, Interest-Only securities and CMBS principal-only securities which are regularly-issued by Freddie Mac as structured pass-through securities backed by multifamily mortgage loans. These K-Series feature a wide range of investor options which include guaranteed senior and interest-only bonds as well as unguaranteed senior, mezzanine, subordinate and interest-only bonds. Our K-Series portfolio includes unguaranteed senior, mezzanine, subordinate and interest-only bonds. Throughout Item 2, we categorize our Freddie Mac K-Series interest-only bonds as part of our Interest-Only securities.

ABS

We also invest in asset backed securities, or ABS. Our ABS portfolio may include securities collateralized by various asset classes, including automobiles, credit cards and student loans, among others.

Investment classification

Throughout this Item 2, (1) we use the terms “credit portfolio” and “credit investments” to refer to our Residential Investments, Commercial Investments and ABS, inclusive of investments held within affiliated entities but exclusive of AG Arc (discussed below); (2) we refer to our Residential Whole Loans (exclusive of our RPLs or NPLs in securitized form that we purchase from an affiliate (or affiliates) of the Manager) and commercial mortgage loans, collectively, as our “loans”; (3) we use the term “credit securities” to refer to our credit portfolio, excluding Excess MSRs and loans; and (4) we use the term “real estate securities” or “securities” to refer to our Agency RMBS portfolio, exclusive of Excess MSRs, and our credit securities. Our “investment portfolio” refers to our combined Agency RMBS portfolio and credit portfolio and encompasses all of the investments described above.

We also use the term “GAAP investment portfolio” which consists of (i) our Agency RMBS, exclusive of (x) TBAs, and (y) any investments classified as “Other assets” on our consolidated balance sheets (our “GAAP Agency RMBS portfolio”) and (ii) our credit portfolio, exclusive of (x) all investments held within affiliated entities, and (y) any investments classified as “Other assets” on our consolidated balance sheets (our “GAAP credit portfolio”). See Note 2 to the Notes to Consolidated Financial Statements for a discussion of our investments held within affiliated entities.

This presentation of our investment portfolio is consistent with how our management evaluates our business, and we believe this presentation, when considered with the GAAP presentation, provides supplemental information useful for investors in evaluating our investment portfolio and financial condition.

Arc Home LLC

We, alongside private funds under the management of Angelo, Gordon, through AG Arc LLC, one of our indirect subsidiaries (“AG Arc”), formed Arc Home LLC (“Arc Home”). Arc Home, through its wholly-owned subsidiary, originates conforming, Government, Jumbo and other non-conforming residential mortgage loans, retains the mortgage servicing rights associated with the loans that it originates, and purchases additional mortgage servicing rights from third-party sellers.

Market overview

During the quarter, MITT's book value was down in part due to a modest rise in interest rates, acquisition and securitization expenses related to residential whole loans, spread widening in mortgage derivatives, and underperformance of specified pools versus TBA.

Agency RMBS finished the second quarter flat to marginally tighter versus the swap curve. While the continued reduction of the Federal Reserve's holdings of Agency RMBS poses a headwind, net origination in 2018 is running at a slower pace than 2017 and slower than most forecasts for 2018, providing some offset. Meanwhile, demand for the sector remained robust, supply was manageable, and interest rate volatility was muted. Banks and overseas investors have been largely absent this year, but money managers have supported the sector through investment of inflows and increased portfolio weightings of Agency RMBS versus other fixed-income product.

Spread performance was somewhat mixed across mortgage and asset-backed sectors during the quarter. Legacy RMBS spreads, which were at or near all-time tightness to start the quarter, were relatively flat by quarter-end as market participants continued to reinvest monthly proceeds back into the sector. The credit-risk transfer (CRT) market saw indications of spread-tiering in the mezzanine and subordinate tranches as investors favored seasoned deals with comparatively better underwritten collateral.

Housing, economic and interest rate trends

Inclusive of distressed sales, home prices nationwide increased by 7.1% on a year-over-year basis in May 2018 as compared with May 2017, according to data released by CoreLogic. This marks the 76th consecutive monthly increase year-over-year in national home prices. We expect home price appreciation to persist around current levels due to tight supply conditions across most of the nation, improvement in consumer balance sheets and steady employment gains. Further, relatively low mortgage rates coupled with a stable broader domestic economy have provided support for the housing market recovery.

According to CoreLogic's Homeowner Equity Report, in the first quarter of 2018, U.S. homeowners with mortgages have seen their equity increase by a total of \$1 trillion since the fourth quarter of 2016. In the first quarter of 2018, as compared to the first quarter of 2017, the total number of mortgaged residential properties with negative equity (homes where the homeowner owes more on the home than the home is worth) decreased to 2.5 million homes from 3.1 million homes. The negative equity epidemic has eased due to the rise in home prices over the past several years. Additionally, credit performance in terms of serious delinquencies and subsequent default rates continued to be stable-to-improving in 2018.

At its June meeting, the Fed raised the federal funds interest rate by 0.25% to a target range of 1.75%-2.00%. Progress continues to be made with respect to the Fed's dual mandate of full employment and price stability, as unemployment remains well below 5%, and inflation has improved to levels close to the Fed's 2.0% target for core PCE. In the June update of the Fed's Summary of Economic Projections, the median forecast for real GDP growth increased in 2018 and remained the same for 2019 and 2020, while the median forecast for the unemployment rate decreased in each of those years. The projection of the median Fed Funds rates, based on the individual assessments of the FOMC members, was 2.4% in 2018 and 3.1% in 2019.

The market overview and trends outlined above may have a meaningful impact on our operating results and our existing portfolio and may cause us to adjust our investment and financing strategies over time as new opportunities emerge and the risk profile of our business changes.

Recent government activity

The current regulatory environment may be impacted by future legislative developments, such as amendments to key provisions of the Dodd-Frank Act or changes to Fannie Mae and Freddie Mac, including with respect to how long they will continue to be in existence, the extent of their roles in the market and what forms they will take. The impact of such potential reform on our operations is unknown.

Results of operations

Our operating results can be affected by a number of factors and primarily depend on the size and composition of our investment portfolio, the level of our net interest income, the market value of our assets and the supply of, and demand for, our target assets in the marketplace, which can be impacted by unanticipated credit events, such as defaults, liquidations or delinquencies, experienced by borrowers whose mortgage loans are included in our investment portfolio. Our primary source of net income available to common stockholders is our net interest income, less our cost of hedging, which represents the difference between the interest earned on our investment portfolio and the costs of financing and hedging our investment portfolio. Our net interest income varies primarily as a result of changes in market interest rates, prepayment speeds, as measured by the Constant Prepayment Rate ("CPR") on the Agency RMBS in our investment portfolio, and our funding and hedging costs.

The table below presents certain information from our consolidated statements of operations for the three and six months ended June 30, 2018 and June 30, 2017:

	Three Months Ended June 30, 2018	Three Months Ended June 30, 2017	Six Months Ended June 30, 2018	Six Months Ended June 30, 2017
Statement of Operations Data:				
Net Interest Income				
Interest income	\$ 36,011,375	\$ 31,220,535	\$ 75,368,522	\$ 59,180,427
Interest expense	16,270,821	10,201,393	31,596,603	18,362,805
	<u>19,740,554</u>	<u>21,019,142</u>	<u>43,771,919</u>	<u>40,817,622</u>
Other Income/(Loss)				
Net realized gain/(loss)	(11,059,686)	(10,121,477)	(22,898,818)	(12,549,564)
Realized gain/(loss) on periodic interest settlements of derivative instruments, net	1,261,684	(1,857,542)	(208,476)	(3,467,519)
Unrealized gain/(loss) on real estate securities and loans, net	(578,375)	25,546,552	(36,733,183)	38,297,116
Unrealized gain/(loss) on derivative and other instruments, net	4,781,276	1,927,169	41,871,242	1,801,297
Other income	20,131	3,845	20,386	31,882
	<u>(5,574,970)</u>	<u>15,498,547</u>	<u>(17,948,849)</u>	<u>24,113,212</u>
Expenses				
Management fee to affiliate	2,386,669	2,443,780	4,825,838	4,919,596
Other operating expenses	3,442,611	2,851,353	6,665,155	5,644,587
Servicing fees	22,178	86,001	84,356	162,002
Equity based compensation to affiliate	93,948	87,540	145,410	165,018
Excise tax	375,000	375,000	750,000	750,000
	<u>6,320,406</u>	<u>5,843,674</u>	<u>12,470,759</u>	<u>11,641,203</u>
Income/(loss) before equity in earnings/(loss) from affiliates	<u>7,845,178</u>	<u>30,674,015</u>	<u>13,352,311</u>	<u>53,289,631</u>
Equity in earnings/(loss) from affiliates	322,967	2,497,116	3,063,243	4,999,162
Net Income/(Loss)	<u>8,168,145</u>	<u>33,171,131</u>	<u>16,415,554</u>	<u>58,288,793</u>
Dividends on preferred stock	3,367,354	3,367,354	6,734,708	6,734,708
Net Income/(Loss) Available to Common Stockholders	<u>\$ 4,800,791</u>	<u>\$ 29,803,777</u>	<u>\$ 9,680,846</u>	<u>\$ 51,554,085</u>
Share Data:				
Earnings/(Loss) Per Share of Common Stock				
Basic	\$ 0.17	\$ 1.08	\$ 0.34	\$ 1.86
Diluted	\$ 0.17	\$ 1.07	\$ 0.34	\$ 1.86

Net Income/(Loss) Available to Common Stockholders

Three Months Ended June 30, 2018 compared to the Three Months Ended June 30, 2017

Net income/(loss) available to common stockholders decreased \$25.0 million from \$29.8 million for the three months ended June 30, 2017 to \$4.8 million for the three months ended June 30, 2018, primarily due to lower prices on our securities, which decreased our “Unrealized gain/(loss) on real estate securities and loans, net,” offset by higher derivative prices, which increased our “Unrealized gain/(loss) on derivatives and other instruments, net.”

Six Months Ended June 30, 2018 compared to the Six Months Ended June 30, 2017

Net income/(loss) available to common stockholders decreased \$41.9 million from \$51.6 million for the six months ended June 30, 2017 to \$9.7 million for the six months ended June 30, 2018, primarily due to lower prices on our securities, which decreased our “Net Realized gain/(loss)” and our “Unrealized gain/(loss) on real estate securities and loans, net,” offset by higher derivative prices, which increased our “Unrealized gain/(loss) on derivatives and other instruments, net.”

Interest income

Interest income is calculated using the effective interest method for our GAAP investment portfolio and calculated based on the actual coupon rate and the outstanding principal balance on our U.S. Treasury securities.

Three Months Ended June 30, 2018 compared to the Three Months Ended June 30, 2017

Interest income increased by \$4.8 million from \$31.2 million at June 30, 2017 to \$36.0 million at June 30, 2018 primarily due to an increase in the weighted average cost of our GAAP investment portfolio and U.S. Treasury securities period over period by \$0.4 billion from \$2.7 billion at June 30, 2017 to \$3.1

billion at June 30, 2018. This was offset by a decrease in the weighted average yield on our GAAP investment portfolio and U.S. Treasury securities, if applicable, during the period of 0.02% from 4.60% at June 30, 2017 to 4.58% at June 30, 2018.

Six Months Ended June 30, 2018 compared to the Six Months Ended June 30, 2017

Interest income increased by \$16.2 million from \$59.2 million at June 30, 2017 to \$75.4 million at June 30, 2018 primarily due to an increase in the weighted average cost of our GAAP investment portfolio and U.S. Treasury securities period over period by \$0.8 billion from \$2.5 billion at June 30, 2017 to \$3.3 billion at June 30, 2018. This was offset by a decrease in the weighted average yield on our GAAP investment portfolio and U.S. Treasury securities, if applicable, during the period of 0.10% from 4.69% at June 30, 2017 to 4.59% at June 30, 2018.

Interest expense

Interest expense is calculated based on the actual financing rate and the outstanding financing balance of our GAAP investment portfolio and U.S. Treasury securities.

Three Months Ended June 30, 2018 compared to the Three Months Ended June 30, 2017

Interest expense increased by \$6.1 million from \$10.2 million at June 30, 2017 to \$16.3 million at June 30, 2018 primarily due to an increase in the weighted average financing rate on our GAAP investment portfolio and U.S. Treasury securities, if applicable, during the period, by 0.59% from 1.88% at June 30, 2017 to 2.47% at June 30, 2018. This was coupled with an increase in the weighted average financing balance on our GAAP investment portfolio and U.S. Treasury securities during the period of \$0.4 billion from \$2.2 billion at June 30, 2017 to \$2.6 billion at June 30, 2018. Refer to the “Financing activities” section below for a discussion of our cost of funds.

Six Months Ended June 30, 2018 compared to the Six Months Ended June 30, 2017

Interest expense increased by \$13.2 million from \$18.4 million at June 30, 2017 to \$31.6 million at June 30, 2018 primarily due to an increase in the weighted average financing rate on our GAAP investment portfolio and U.S. Treasury securities, if applicable, during the period, by 0.44% from 1.84% at June 30, 2017 to 2.28% at June 30, 2018. This was coupled with an increase in the weighted average financing balance on our GAAP investment portfolio and U.S. Treasury securities during the period of \$0.8 billion from \$2.0 billion at June 30, 2017 to \$2.8 billion at June 30, 2018. Refer to the “Financing activities” section below for a discussion of our cost of funds.

Net realized gain/(loss)

Net realized gain/(loss) represents the net gain or loss recognized on any (i) sales of real estate securities out of our GAAP investment portfolio, (ii) sales of Residential mortgage loans out of our GAAP investment portfolio, transfers of Residential mortgage loans from our GAAP investment portfolio to Other assets, and sales of Other assets, (iii) sales of derivatives and other instruments, and (iv) other-than-temporary-impairment (“OTTI”) charges recorded during the period. See Note 2, Note 3 and Note 4 of the Notes to Consolidated Financial Statements (unaudited) for further discussion on OTTI. The following table presents a summary of Net realized gain/(loss) for the three and six months ended June 30, 2018 and June 30, 2017:

	Three Months Ended		Six Months Ended	
	June 30, 2018	June 30, 2017	June 30, 2018	June 30, 2017
Sale of real estate securities	\$ (16,872,027)	\$ (839,720)	\$ (29,367,869)	\$ (1,090,689)
Sale of loans, and loans transferred to or sold from Other assets	837,592	2,219,631	1,229,603	2,233,160
Settlement of derivatives and other instruments	5,720,390	(9,392,295)	6,947,787	(8,851,715)
OTTI	(745,641)	(2,109,093)	(1,708,339)	(4,840,320)
Total Net realized gain/(loss)	\$ (11,059,686)	\$ (10,121,477)	\$ (22,898,818)	\$ (12,549,564)

Realized gain/(loss) on periodic interest settlement of derivative instruments, net

Realized gain/(loss) on periodic interest settlement of derivative instruments, net represents the net interest expense paid on our interest rate swaps.

Three Months Ended June 30, 2018 compared to the Three Months Ended June 30, 2017

Realized gain/(loss) on periodic interest settlement of derivative instruments, net increased by \$3.2 million from \$(1.9) million at June 30, 2017 to \$1.3 million at June 30, 2018 due to an increase in the average 3 month LIBOR rate (receive rate). Average 3 month LIBOR, the interest rate upon which these derivative instruments are based, increased from 1.206 for the three months ended June 30, 2017 to 2.338 for the three months ended June 30, 2018. In addition, the weighted average swap notional increased from \$1.1 billion at June 30, 2017 to \$2.3 billion at June 30, 2018.

Six Months Ended June 30, 2018 compared to the Six Months Ended June 30, 2017

Realized gain/(loss) on periodic interest settlement of derivative instruments, net increased by \$3.3 million from \$(3.5) million at June 30, 2017 to \$(0.2) million at June 30, 2018 due to an increase in the average 3 month LIBOR rate (receive rate). Average 3 month LIBOR, the interest rate upon which these derivative instruments are based, increased from 1.137 for the six months ended June 30, 2017 to 2.130 for the six months ended June 30, 2018. In addition, the weighted average swap notional increased from \$1.0 billion at June 30, 2017 to \$2.3 billion at June 30, 2018.

Unrealized gain/(loss) on real estate securities and loans, net

Refer to the “Market overview” section of this Item 2 for a discussion of the changes in market pricing which contributed to our “Unrealized gain/(loss) on real estate securities and loans, net” line item. Realized gains and losses on sales of real estate securities and loans can also impact our “Unrealized gain/(loss) on real estate securities and loans, net.”

Three Months Ended June 30, 2018 compared to the Three Months Ended June 30, 2017

For the three months ended June 30, 2018 and June 30, 2017, Unrealized gain/(loss) on real estate securities and loans, net was \$(0.6) million and \$25.5 million, respectively. The \$(0.6) million at June 30, 2018 was comprised of unrealized losses on securities and unrealized losses on loans of \$0.3 million and \$0.3 million, respectively, during the period.

Six Months Ended June 30, 2018 compared to the Six Months Ended June 30, 2017

For the six months ended June 30, 2018 and June 30, 2017, Unrealized gain/(loss) on real estate securities and loans, net was \$(36.7) million and \$38.3 million, respectively. The \$(36.7) million at June 30, 2018 was comprised of unrealized losses on securities and unrealized losses on loans of \$36.3 million and \$0.4 million, respectively, during the period.

Unrealized gain/(loss) on derivative and other instruments, net

Refer to the “Market overview” section of this Item 2 for a discussion of the changes in market pricing which contributed to our “Unrealized gain/(loss) on derivative and other instruments, net” line item. Realized gains and losses on sales of derivative and other investments can also impact our “Unrealized gain/(loss) on derivative and other instruments, net.”

Three Months Ended June 30, 2018 compared to the Three Months Ended June 30, 2017

For the three months ended June 30, 2018 and June 30, 2017, Unrealized gain/(loss) on derivative and other instruments, net was \$4.8 million and \$1.9 million, respectively. The \$4.8 million at June 30, 2018 was comprised of unrealized gains on certain derivatives and other instruments of \$4.4 million, coupled with unrealized gains on TBAs of \$0.4 million during the period.

Six Months Ended June 30, 2018 compared to the Six Months Ended June 30, 2017

For the six months ended June 30, 2018 and June 30, 2017, Unrealized gain/(loss) on derivative and other instruments, net was \$41.9 million and \$1.8 million, respectively. The \$41.9 million at June 30, 2018 was comprised of unrealized gains on certain derivatives and other instruments of \$41.6 million, coupled with unrealized gains on TBAs of \$0.3 million during the period.

Other income

Other income pertains to certain fees we receive on our Residential Whole Loans.

Three Months Ended June 30, 2018 compared to the Three Months Ended June 30, 2017

For the three months ended June 30, 2018 and June 30, 2017, Other income remained relatively flat.

Six Months Ended June 30, 2018 compared to the Six Months Ended June 30, 2017

For the six months ended June 30, 2018 and June 30, 2017, Other income remained relatively flat.

Management fee to affiliate

Our management fee is based upon a percentage of our Stockholders’ Equity. See the “Contractual obligations” section of this Item 2 for further detail on the calculation of our management fee and for the definition of Stockholders’ Equity.

Three Months Ended June 30, 2018 compared to the Three Months Ended June 30, 2017

For the three months ended June 30, 2018 and June 30, 2017, our management fees were \$2.4 million and \$2.4 million, respectively. Management fees decreased slightly due to the decrease in our Stockholders’ Equity as calculated pursuant to our Management Agreement.

Six Months Ended June 30, 2018 compared to the Six Months Ended June 30, 2017

For the six months ended June 30, 2018 and June 30, 2017, our management fees were \$4.8 million and \$4.9 million, respectively. Management fees decreased slightly due to the decrease in our Stockholders' Equity as calculated pursuant to our Management Agreement.

Other operating expenses

These amounts are primarily comprised of professional fees, directors' and officers' ("D&O") insurance and directors' fees, as well as certain expenses reimbursable to the Manager. We are required to reimburse our Manager or its affiliates for operating expenses which are incurred by our Manager or its affiliates on our behalf, including certain salary expenses and other expenses relating to legal, accounting, due diligence and other services. Refer to the "Contractual obligations" section below for more detail on certain expenses reimbursable to the Manager. The following table presents a summary of certain expenses within Other operating expenses for the three and six months ended June 30, 2018 and June 30, 2017:

	Three Months Ended		Six Months Ended	
	June 30, 2018	June 30, 2017	June 30, 2018	June 30, 2017
Affiliate reimbursement	\$ 1,660,874	\$ 1,717,960	\$ 3,463,677	\$ 3,415,900
Professional fees	643,809	396,183	1,216,786	779,448
Residential mortgage loan related expenses	421,929	165,582	603,726	359,382
D&O insurance	178,794	181,689	357,588	363,378
Directors' fees and stock compensation	218,433	139,040	419,047	274,620
Other expenses	318,772	250,899	604,331	451,859
Total	\$ 3,442,611	\$ 2,851,353	\$ 6,665,155	\$ 5,644,587

Servicing fees

We incur servicing fee expenses in connection with the servicing of our Residential Whole Loans. As of June 30, 2018 and June 30, 2017, we owned Residential mortgage loans with fair market value of \$93.1 million and \$23.5 million, respectively. The increase in fair market value pertains to the purchase of a pool of primarily RPLs towards the end of the second quarter of 2018.

Three Months Ended June 30, 2018 compared to the Three Months Ended June 30, 2017

For the three months ended June 30, 2018 and June 30, 2017 our servicing fees were \$22,178 and \$86,001, respectively. The decrease in fees primarily pertains to sales of residential mortgage loans throughout 2017 and 2018.

Six Months Ended June 30, 2018 compared to the Six Months Ended June 30, 2017

For the six months ended June 30, 2018 and June 30, 2017 our servicing fees were \$84,356 and \$162,002, respectively. The decrease in fees primarily pertains to sales of residential mortgage loans throughout 2017 and 2018.

Equity based compensation to affiliate

Equity based compensation to affiliates represents the amortization of the fair value of our restricted stock units granted to our Manager remeasured quarterly, less the present value of dividends expected to be paid on the underlying shares through the requisite period.

Three Months Ended June 30, 2018 compared to the Three Months Ended June 30, 2017

For the three months ended June 30, 2018 and June 30, 2017, our equity based compensation to affiliate remained relatively flat.

Six Months Ended June 30, 2018 compared to the Six Months Ended June 30, 2017

For the six months ended June 30, 2018 and June 30, 2017, our equity based compensation to affiliate remained relatively flat.

Excise tax

Excise tax represents a four percent tax on the required amount of our ordinary income and net capital gains not distributed during the year. The quarterly expense is calculated in accordance with applicable tax regulations.

Three Months Ended June 30, 2018 compared to the Three Months Ended June 30, 2017

Excise tax remained flat period over period for the three months ended June 30, 2018 and June 30, 2017.

Six Months Ended June 30, 2018 compared to the Six Months Ended June 30, 2017

Excise tax remained flat period over period for the six months ended June 30, 2018 and June 30, 2017.

Equity in earnings/(loss) from affiliates

Equity in earnings/(loss) from affiliates represents our share of earnings and profits of investments held within affiliated entities. A majority of these investments are comprised of real estate securities, loans and our investment in AG Arc.

Three Months Ended June 30, 2018 compared to the Three Months Ended June 30, 2017

For the three months ended June 30, 2018 and June 30, 2017, we recorded Equity in earnings/(loss) from affiliates of \$0.3 million and \$2.5 million, respectively. The decrease primarily pertains to transaction related expenses and realized losses associated with a securitization executed on certain investments held by our affiliates.

Six Months Ended June 30, 2018 compared to the Six Months Ended June 30, 2017

For the six months ended June 30, 2018 and June 30, 2017, we recorded Equity in earnings/(loss) from affiliates of \$3.1 million and \$5.0 million, respectively. The decrease primarily pertains to transaction related expenses and realized losses associated with a securitization executed on certain investments held by our affiliates.

Book value per share

As of June 30, 2018, December 31, 2017 and June 30, 2017, our book value per common share was \$18.98, \$19.62 and \$18.77 respectively.

Presentation of investment, financing and hedging activities

In the “Investment activities,” “Financing activities,” “Hedging activities” and “Liquidity and capital resources” sections of this Item 2, where we disclose our investment portfolio and the related repurchase agreements that finance it, we have presented this information inclusive of (i) unconsolidated ownership interests in affiliates that are accounted for under GAAP using the equity method and (ii) TBAs, which are accounted for as derivatives under GAAP. Our investment portfolio and the related repurchase agreements that finance it are presented along with a reconciliation to GAAP. This presentation of our investment portfolio is consistent with how our management evaluates the business, and we believe this presentation, when considered with the GAAP presentation, provides supplemental information useful for investors in evaluating our investment portfolio and financial condition. See Note 2 to the “Notes to Consolidated Financial Statements (unaudited)” for a discussion of investments in debt and equity of affiliates and TBAs.

Net interest margin and leverage ratio

Our GAAP net interest margin is calculated by subtracting the weighted average cost of funds on our GAAP investment portfolio from the weighted average yield for our GAAP investment portfolio, which excludes cash held by us and any net TBA position. Both elements of cost of funds on our GAAP investment portfolio are weighted by the outstanding repurchase agreements on our GAAP investment portfolio, securitized debt, and loan participation payable at quarter-end, exclusive of repurchase agreements associated with U.S. Treasury securities.

Net interest margin, a non-GAAP financial measure, is calculated by subtracting the weighted average cost of funds from the weighted average yield for our investment portfolio, which excludes cash held by us and any net TBA position. The weighted average yield on our investment portfolio represents an effective interest rate, which utilizes all estimates of future cash flows and adjusts for actual prepayment and cash flow activity as of quarter-end. The weighted average cost of funds is the sum of the weighted average funding costs on total financing outstanding at quarter-end and our weighted average hedging cost, which is the weighted average of the net pay rate on our interest rate swaps, the net receive/pay rate on our Treasury long and short positions, respectively, and the net receivable rate on our IO index derivatives, if any. Both elements of cost of funds are weighted by the outstanding repurchase agreements on our investment portfolio, securitized debt, and loan participation payable at quarter-end, exclusive of repurchase agreements associated with U.S. Treasury securities.

Net interest margin and leverage ratio can be used to calculate the return on equity of our investment portfolio and Management believes that these metrics should be considered together when evaluating the performance of our investment portfolio. See the “Financing activities” section below for more detail on our leverage ratio.

The chart below sets forth the net interest margin and leverage ratio from our investment portfolio as of June 30, 2018 and June 30, 2017 and for a reconciliation to our GAAP investment portfolio:

June 30, 2018

Weighted Average	GAAP Investment Portfolio	Investments in Debt and Equity of Affiliates	Investment Portfolio*
Yield	4.87%	8.46%	5.08%
Cost of Funds	2.30%	4.65%	2.37%
Net Interest Margin	2.57%	3.81%	2.71%
Leverage Ratio	4.0x	**	4.4x

June 30, 2017

Weighted Average	GAAP Investment Portfolio	Other Assets	Investments in Debt and Equity of Affiliates	Investment Portfolio*
Yield	4.57%	8.55%	12.65%	4.75%
Cost of Funds	2.28%	-	3.86%	2.27%
Net Interest Margin	2.29%	8.55%	8.79%	2.48%
Leverage Ratio	3.7x	N/A	**	4.2x

*Excludes any net TBA position.

**Refer to the “Financing activities” section below for an aggregate breakout of leverage.

Core Earnings

We define core earnings, a non-GAAP financial measure, as Net Income/(loss) available to common stockholders excluding (i) unrealized and realized gains/(losses) on the sale or termination of securities and the related tax expense/benefit or disposition expense, if any, on such sale or termination, including investments held in affiliated entities and derivatives and, beginning with Q2 2018, (ii) any transaction related expenses. Management considers transaction related expenses to be similar to realized losses incurred at acquisition and do not view them as being part of its core operations. As defined, Core Earnings include the net interest and other income earned on these investments on a yield adjusted basis, including TBA dollar roll income or any other investment activity that may earn or pay net interest or its economic equivalent. One of our objectives is to generate net income from net interest margin on the portfolio, and management uses Core Earnings to help measure this objective. Management believes that this non-GAAP measure, when considered with our GAAP financials, provides supplemental information useful for investors in evaluating our results of operations. This metric, in conjunction with related GAAP measures, provides greater transparency into the information used by our management in its financial and operational decision-making. Our presentation of Core Earnings may not be comparable to similarly-titled measures of other companies, who may use different calculations. This non-GAAP measure should not be considered a substitute for, or superior to, the financial measures calculated in accordance with GAAP. Our GAAP financial results and the reconciliations from these results should be carefully evaluated. Refer to the “Results of Operations” section above for a detailed discussion of our GAAP financial results.

A reconciliation of “Net Income/(loss) available to common stockholders” to Core Earnings for the three and six months ended June 30, 2018 and June 30, 2017 is set forth below:

	Three Months Ended June 30, 2018	Three Months Ended June 30, 2017	Six Months Ended June 30, 2018	Six Months Ended June 30, 2017
Net Income/(loss) available to common stockholders	\$ 4,800,791	\$ 29,803,777	\$ 9,680,846	\$ 51,554,085
Add (Deduct):				
Net realized (gain)/loss	11,059,686	10,121,477	22,898,818	12,549,564
Dollar roll income	656,585	746,159	1,144,443	1,100,847
Equity in (earnings)/loss from affiliates	(322,967)	(2,497,116)	(3,063,243)	(4,999,162)
Net interest income and expenses from equity method investments (a)	2,204,750	2,200,309	5,205,167	4,261,839
Transaction related expenses (b)(c)	1,207,662	-	1,207,662	-
Unrealized (gain)/loss on real estate securities and loans, net	578,375	(25,546,552)	36,733,183	(38,297,116)
Unrealized (gain)/loss on derivative and other instruments, net	(4,781,276)	(1,927,169)	(41,871,242)	(1,801,297)
Core Earnings	\$ 15,403,605	\$ 12,900,885	\$ 31,935,634	\$ 24,368,760
Core Earnings, per Diluted Share	\$ 0.55	\$ 0.47	\$ 1.13	\$ 0.88

(a) For the three months ended June 30, 2018, we recognized \$(0.1) million or \$(0.00) per diluted share of net income/(loss) attributed to our investment in AG Arc. For the six months ended June 30, 2018, we recognized \$0.4 million or \$0.02 per diluted share of net income/(loss) attributed to our investment in AG Arc. For the three months ended June 30, 2017, we recognized \$0.2 million or \$0.01 per diluted share of net income/(loss) attributed to our investment in AG Arc. For the six months ended June 30, 2017, we recognized \$0.4 million or \$0.01 per diluted share of net income/(loss) attributed to our investment in AG Arc.

(b) For the three months ended March 31, 2018, the amount of transaction related expenses were \$0.1 million and did not have a material impact on core earnings for that period. For the three and six months ended June 30, 2017, the amount of transaction related expenses were \$0.1 million and did not have a material impact on core earnings for those periods.

(c) Of the \$1.2 million of transaction related expenses for the three and six months ended June 30, 2018, \$0.3 million and \$0.9 million flow through the “Other operating expenses” and “Equity in earnings/(loss) from affiliates” line items, respectively, on our consolidated statements of operations.

Investment activities

We evaluate investments in Agency RMBS using factors including expected future prepayment trends, supply of and demand for Agency RMBS, costs of financing, costs of hedging, expected future interest rate volatility and the overall shape of the U.S. Treasury and interest rate swap yield curves. Prepayment speeds, as reflected by the CPR and interest rates vary according to the type of investment, conditions in financial markets, competition and other factors,

none of which can be predicted with any certainty. In general, as prepayment speeds on our Agency RMBS portfolio increase, the related purchase premium amortization increases, thereby reducing the net yield on such assets.

Our credit investments are subject to risk of loss with regard to principal and interest payments. We evaluate each investment in our credit portfolio based on the characteristics of the underlying collateral and the securitization structure. We maintain a comprehensive portfolio management process that generally includes day-to-day oversight by the portfolio management team and a quarterly credit review process for each investment that examines the need for a potential reduction in accretable yield, missed or late contractual payments, significant declines in collateral performance, prepayments, projected defaults, loss severities and other data which may indicate a potential issue in our ability to recover our capital from the investment. These processes are designed to enable our Manager to evaluate and proactively manage asset-specific credit issues and identify credit trends on a portfolio-wide basis. Nevertheless, we cannot be certain that our review will identify all issues within our portfolio due to, among other things, adverse economic conditions or events adversely affecting specific assets. Therefore, potential future losses may also stem from issues with our investments that are not identified by our credit reviews.

The risk-reward profile of our investment opportunities changes continuously with the market, including with labor, housing and economic fundamentals and U.S. monetary policy. As a result, in reacting to market conditions and taking into account a variety of other factors, including liquidity, duration, interest rate expectations and hedging, the mix of our assets changes over time.

As of June 30, 2018, we had a \$3.3 billion GAAP investment portfolio, which consisted of \$2.1 billion, or 63.2%, of assets in our GAAP Agency RMBS portfolio and \$1.2 billion, or 36.8%, of assets in our GAAP credit portfolio. As of June 30, 2018, our investment portfolio totaled \$3.6 billion, which consisted of \$2.2 billion, or 61.5%, of assets in our Agency RMBS portfolio and \$1.4 billion, or 38.5%, of assets in our credit portfolio. This compares with a \$3.6 billion GAAP investment portfolio as of December 31, 2017, which consisted of \$2.3 billion, or 62.7%, of assets in our GAAP Agency RMBS portfolio and \$1.3 billion, or 37.3%, of assets in our GAAP credit portfolio. As of December 31, 2017, our investment portfolio totaled \$3.8 billion, which consisted of \$2.4 billion, or 62.3%, of assets in our Agency RMBS portfolio and \$1.4 billion, or 37.7%, of assets in our credit portfolio.

The following table presents a break-down of our investment portfolio as of June 30, 2018 and December 31, 2017:

	Amortized Cost		Fair Value		Weighted Average Yield		Weighted Average Funding Cost (a)		Net Interest Margin (a)		Leverage Ratio (b)	
	June 30, 2018	December 31, 2017	June 30, 2018	December 31, 2017	June 30, 2018	December 31, 2017	June 30, 2018	December 31, 2017	June 30, 2018	December 31, 2017	June 30, 2018	December 31, 2017
Agency RMBS	\$2,267,394,507	\$2,354,789,006	\$2,241,355,273	\$2,354,915,019	3.74%	3.27%	2.10%	1.56%	1.64%	1.71%	7.1x	7.5x
Residential Investments	989,294,758	969,743,254	1,046,735,845	1,034,816,055	6.68%	6.24%	3.45%	2.77%	3.23%	3.47%	3.2x	3.3x
Commercial Investments	319,119,328	345,213,992	319,667,275	351,593,659	7.98%	8.26%	3.39%	2.90%	4.59%	5.36%	1.3x	1.1x
ABS	37,328,842	40,216,509	37,755,352	40,957,553	9.00%	8.27%	3.64%	2.93%	5.36%	5.34%	1.0x	1.3x
Total Investment Portfolio	\$3,613,137,435	\$3,709,962,761	\$3,645,513,745	\$3,782,282,286	5.08%	4.64%	2.37%	2.26%	2.71%	2.38%	4.4x	4.4x
Investments in Debt and Equity of Affiliates (d)	\$200,133,887	\$83,434,417	\$198,458,798	\$85,292,406	8.46%	12.32%	4.65%	3.80%	3.81%	8.52%	(c)	(c)
Other Assets	\$-	\$238,133	\$-	\$242,336	-	10.03%	N/A	N/A	-	10.03%	N/A	N/A
TBAs	\$166,202,734	\$102,484,375	\$166,600,000	\$102,710,940	N/A	N/A	N/A	N/A	N/A	N/A	(c)	(c)
Total GAAP Investment Portfolio	\$3,246,800,814	\$3,523,805,836	\$3,280,454,947	\$3,594,036,604	4.87%	4.45%	2.30%	2.26%	2.57%	2.19%	4.0x	4.2x

- (a) Funding cost and NIM shown in each investment category line exclude the costs of our interest rate hedges, however these costs are included in the total funding cost and NIM lines. The total funding cost and NIM lines excluding the cost of our interest rate hedges would be 2.6% and 2.5%, respectively.
- (b) The leverage ratio on Agency RMBS includes any net receivables on TBA. The leverage ratio by type of investment is calculated based on allocated equity.
- (c) Refer to the “Financing activities” section below for an aggregate breakout of leverage.
- (d) Net of any non-recourse securitized debt as applicable.

In managing our portfolio, we allocate our equity by investment using the fair market value of our investment portfolio, less any associated leverage, inclusive of any long TBA position (at cost). We allocate all non-investment portfolio related items based on their respective characteristics in order to sum to stockholders’ equity per the consolidated balance sheets. Our equity allocation method is a non-GAAP methodology and may not be comparable to the similarly titled measure or concepts of other companies, who may use different calculations.

The following table presents a summary of the allocated equity of our investment portfolio as of June 30, 2018 and December 31, 2017:

	Allocated Equity		Percent of Equity	
	June 30, 2018	December 31, 2017	June 30, 2018	December 31, 2017
Agency RMBS	\$285,498,392	\$280,335,793	41.0%	39.2%
Residential Investments	254,879,425	245,934,076	36.6%	34.5%
Commercial Investments	137,189,658	169,953,231	19.7%	23.8%
ABS	18,990,631	18,036,107	2.7%	2.5%
Total	\$696,558,106	\$714,259,207	100.0%	100.0%

The following table presents a reconciliation of our investment portfolio to our GAAP investment portfolio as of June 30, 2018:

Instrument	Current Face	Amortized Cost	Unrealized Mark-to-Market	Fair Value (1)	Weighted Average Coupon (2)	Weighted Average Yield	Weighted Average Life (Years) (3) (8)
Agency RMBS:							
30 Year Fixed Rate	\$ 1,744,052,949	\$ 1,796,187,552	\$ (24,073,189)	\$ 1,772,114,363	3.87%	3.45%	9.44
Fixed Rate CMO	48,555,453	48,928,896	(763,693)	48,165,203	3.00%	2.80%	4.17
ARM	112,452,842	112,702,783	(1,922,206)	110,780,577	2.42%	2.85%	4.61
Inverse Interest Only	258,277,594	46,609,347	(1,335,942)	45,273,405	4.07%	8.39%	7.24
Interest Only	398,967,037	67,288,021	1,168,233	68,456,254	3.54%	7.33%	5.31
Excess MSR (4)	3,954,350,148	29,475,174	490,297	29,965,471	N/A	10.98%	6.98
Fixed Rate 30 Year TBA (5)	160,000,000	166,202,734	397,266	166,600,000	4.50%	N/A	N/A
Credit Investments:							
Residential Investments							
Prime (6)	491,387,843	384,811,130	32,380,280	417,191,410	4.55%	6.56%	10.09
Alt-A/Subprime (6)	243,989,458	157,401,607	13,595,572	170,997,179	4.65%	6.44%	6.93
Credit Risk Transfer	114,355,256	114,446,111	8,190,252	122,636,363	5.74%	5.95%	5.34
RPL/NPL	87,451,552	87,441,313	(621,950)	86,819,363	3.46%	3.51%	1.21
Interest Only and Excess MSR (7)	380,607,381	3,494,125	(366,822)	3,127,303	0.53%	16.51%	6.44
Residential Whole Loans	310,257,577	241,700,472	4,263,755	245,964,227	4.81%	8.42%	6.57
Commercial Investments							
CMBS	206,387,701	161,415,630	(889,812)	160,525,818	5.84%	6.42%	3.62
Freddie Mac K-Series	189,943,058	64,374,460	(1,388,156)	62,986,304	5.98%	12.21%	9.69
Interest Only (9)	3,411,550,766	50,129,926	2,808,561	52,938,487	0.25%	6.81%	3.50
Commercial Whole Loans	43,216,666	43,199,312	17,354	43,216,666	8.28%	9.04%	0.83
ABS	39,817,063	37,328,842	426,510	37,755,352	8.84%	9.00%	4.52
Total: Investment Portfolio	\$ 12,195,620,344	\$ 3,613,137,435	\$ 32,376,310	\$ 3,645,513,745	2.37%	5.08%	6.26
Investments in Debt and Equity of Affiliates	\$ 1,998,042,425	\$ 200,133,887	\$ (1,675,089)	\$ 198,458,798	0.45%	8.46%	5.71
TBAs	\$ 160,000,000	\$ 166,202,734	\$ 397,266	\$ 166,600,000	4.50%	N/A	N/A
Total: GAAP Investment Portfolio	\$ 10,037,577,919	\$ 3,246,800,814	\$ 33,654,133	\$ 3,280,454,947	2.82%	4.87%	6.35

(1) Included in Agency RMBS, Residential Investments and Commercial Investments are \$0.9 million fair market value, \$131.5 million fair market value and \$66.1 million fair market value, respectively, net of any non-recourse securitized debt, that are included in the "Investments in debt and equity of affiliates" line item on our consolidated balance sheet. These items, inclusive of our investment in AG Arc and other items, net to \$129.4 million which is included in the "Investments in debt and equity of affiliates" line item on our consolidated balance sheet.

(2) Equity residuals, principal only securities and Excess MSRs with a zero coupon rate are excluded from this calculation.

(3) Fixed Rate 30 Year TBA are excluded from this calculation.

(4) Excess MSRs whose underlying collateral is securitized in a trust held by a U.S. government agency or GSE.

(5) Represents long positions in Fixed Rate 30 Year TBA.

(6) Non-Agency RMBS with credit scores above 700, between 700 and 620 and below 620 at origination are classified as Prime, Alt-A, and Subprime, respectively. The weighted average credit scores of our Prime, and Alt-A/Subprime Non-Agency RMBS were 725, and 654, respectively.

(7) Excess MSRs whose underlying collateral is securitized in a trust not held by a U.S. government agency or GSE.

(8) Actual maturities of investments and loans are generally shorter than stated contractual maturities. Maturities are affected by the contractual lives of the underlying mortgages, periodic payments of principal and prepayments of principal.

(9) Includes Freddie Mac K-Series interest-only bonds.

The following table presents a reconciliation of our investment portfolio to our GAAP investment portfolio as of December 31, 2017:

Instrument	Current Face	Amortized Cost	Unrealized Mark-to-Market	Fair Value (1)	Weighted Average Coupon (2)	Weighted Average Yield (3)	Weighted Average Life (Years) (3) (8)
Agency RMBS:							
30 Year Fixed Rate	\$ 1,848,172,215	\$ 1,929,305,571	\$ (272,575)	\$ 1,929,032,996	3.79%	3.13%	8.64
Fixed Rate CMO	52,263,914	52,670,416	280,340	52,950,756	3.00%	2.79%	4.13
ARM	176,560,807	175,726,062	661,334	176,387,396	2.35%	2.83%	4.79
Inverse Interest Only	256,982,587	44,704,018	(775,533)	43,928,485	4.20%	7.37%	5.86
Interest Only	387,256,408	45,181,615	(320,213)	44,861,402	2.66%	6.32%	4.38
Excess MSR (4)	822,599,828	4,716,949	326,095	5,043,044	N/A	12.12%	6.27
Fixed Rate 30 Year TBA (5)	100,000,000	102,484,375	226,565	102,710,940	3.50%	N/A	N/A
Credit Investments:							
Residential Investments							
Prime (6)	550,558,745	437,068,256	35,802,265	472,870,521	4.43%	6.34%	9.72
Alt-A/Subprime (6)	311,153,450	216,421,718	16,195,889	232,617,607	4.10%	5.91%	6.46
Credit Risk Transfer	149,710,279	149,785,740	10,712,460	160,498,200	5.11%	5.28%	5.87
RPL/NPL	67,998,537	67,968,193	(91,996)	67,876,197	3.50%	3.57%	1.40
Interest Only and Excess MSR (7)	421,605,000	3,578,800	(634,428)	2,944,372	0.30%	11.58%	3.13
Residential Whole Loans	126,300,516	94,920,547	3,088,611	98,009,158	5.17%	9.81%	6.46
Commercial Investments							
CMBS	214,051,549	162,225,908	(270,676)	161,955,232	5.48%	6.16%	3.58
Freddie Mac K-Series	210,838,445	68,969,822	2,109,711	71,079,533	5.84%	13.54%	9.68
Interest Only (9)	3,493,578,686	57,383,812	3,654,436	61,038,248	0.27%	6.64%	3.70
Commercial Whole Loans	57,738,472	56,634,450	886,196	57,520,646	8.20%	9.41%	1.76
ABS	40,655,000	40,216,509	741,044	40,957,553	7.61%	8.27%	5.43
Total: Investment Portfolio	\$ 9,288,024,438	\$ 3,709,962,761	\$ 72,319,525	\$ 3,782,282,286	2.20%	4.64%	5.65
Investments in Debt and Equity of Affiliates							
	\$ 1,690,415,462	\$ 83,434,417	\$ 1,857,989	\$ 85,292,406	0.19%	12.32%	5.77
Other Assets	\$ 54,214,609	\$ 238,133	\$ 4,203	\$ 242,336	N/A	10.03%	5.89
TBAs	\$ 100,000,000	\$ 102,484,375	\$ 226,565	\$ 102,710,940	3.50%	N/A	N/A
Total: GAAP Investment Portfolio	\$ 7,443,394,367	\$ 3,523,805,836	\$ 70,230,768	\$ 3,594,036,604	2.65%	4.45%	5.62

(1) Included in Residential Investments and Commercial Investments are \$11.4 million fair market value and \$73.9 million fair market value, respectively, that are included in the "Investments in debt and equity of affiliates" line item on our consolidated balance sheet. These items, inclusive of our investment in AG Arc and other items, net to \$99.7 million which is included in the "Investments in debt and equity of affiliates" line item on our consolidated balance sheet.

(2) Equity residuals, principal only securities and Excess MSRs with a zero coupon rate are excluded from this calculation.

(3) Fixed Rate 30 Year TBA are excluded from this calculation.

(4) Excess MSRs whose underlying collateral is securitized in a trust held by a U.S. government agency or GSE.

(5) Represents long positions in Fixed Rate 30 Year TBA.

(6) Non-Agency RMBS with credit scores above 700, between 700 and 620 and below 620 at origination are classified as Prime, Alt-A, and Subprime, respectively. The weighted average credit scores of our Prime, and Alt-A/Subprime Non-Agency RMBS were 726, and 656, respectively.

(7) Excess MSRs whose underlying collateral is securitized in a trust not held by a U.S. government agency or GSE.

(8) Actual maturities of investments and loans are generally shorter than stated contractual maturities. Maturities are affected by the contractual lives of the underlying mortgages, periodic payments of principal and prepayments of principal.

(9) Includes Freddie Mac K-Series interest-only bonds.

The following table presents certain information grouped by vintage as it relates to our credit securities portfolio as of June 30, 2018. We have also presented a reconciliation to GAAP.

Credit Securities:	Current Face	Amortized Cost	Unrealized Mark-to-Market	Fair Value (1)	Weighted Average Coupon (2)	Weighted Average Yield	Weighted Average Life (Years) (3)
Pre 2005	\$ 29,768,395	\$ 28,894,613	\$ 829,784	\$ 29,724,397	4.89%	7.21%	3.83
2005	153,891,951	120,505,751	15,280,945	135,786,696	4.56%	7.09%	9.51
2006	159,900,933	91,280,119	8,788,551	100,068,670	5.11%	6.55%	9.32
2007	138,066,854	103,144,737	9,218,384	112,363,121	4.73%	6.49%	13.45
2008	6,070,883	3,795,386	150,688	3,946,074	7.07%	6.21%	12.26
2010	1,656,898	1,462,270	8,725	1,470,995	2.27%	5.55%	3.06
2011	7,044,844	6,232,319	(49,845)	6,182,474	3.65%	5.62%	5.13
2012	5,766,229	4,827,943	736,980	5,564,923	3.65%	6.79%	3.77
2013	100,136,109	32,310,976	1,146,378	33,457,354	2.31%	5.43%	3.57
2014	1,027,417,391	46,323,021	3,678,813	50,001,834	0.33%	12.71%	1.25
2015	1,230,299,855	163,247,204	5,803,831	169,051,035	0.87%	7.29%	4.88
2016	1,336,116,608	146,200,956	6,437,541	152,638,497	0.93%	7.43%	5.10
2017	905,360,973	277,285,538	4,702,236	281,987,774	1.79%	6.59%	5.99
2018	183,114,233	148,953,166	(602,959)	148,350,207	4.89%	6.37%	2.68
Total: Credit Securities	\$ 5,284,612,156	\$ 1,174,463,999	\$ 56,130,052	\$ 1,230,594,051	1.43%	7.03%	4.81
Investments in Debt and Equity of Affiliates							
	\$ 1,791,317,616	\$ 162,902,262	\$ (2,345,656)	\$ 160,556,606	0.32%	9.12%	5.69
Total: GAAP Basis	\$ 3,493,294,540	\$ 1,011,561,737	\$ 58,475,708	\$ 1,070,037,445	1.96%	6.72%	4.36

(1) Net of any non-recourse securitized debt.

(2) Equity residual investments and principal only securities are excluded from this calculation.

(3) Actual maturities of mortgage-backed securities are generally shorter than stated contractual maturities. Actual maturities are affected by the contractual lives of the underlying mortgages, periodic payments of principal and prepayments of principal.

The following table presents certain information grouped by vintage as it relates to our credit securities portfolio as of December 31, 2017. We have also presented a reconciliation to GAAP.

Credit Securities:	Current Face	Amortized Cost	Unrealized Mark-to-Market	Fair Value	Weighted Average Coupon (1)	Weighted Average Yield	Weighted Average Life (Years) (2)
Pre 2005	\$ 32,797,908	\$ 31,529,534	\$ 847,061	\$ 32,376,595	4.34%	7.16%	3.95
2005	165,631,051	130,170,185	15,491,076	145,661,261	4.48%	7.00%	9.46
2006	201,096,851	122,980,229	9,863,102	132,843,331	4.58%	6.08%	8.46
2007	163,434,910	124,440,692	11,980,302	136,420,994	4.76%	6.40%	12.54
2008	7,166,000	6,030,872	37,403	6,068,275	6.83%	6.27%	10.85
2010	1,855,207	1,647,798	(761)	1,647,037	1.69%	5.70%	3.35
2011	6,952,515	6,059,141	(111,818)	5,947,323	3.50%	4.48%	5.72
2012	72,880,868	10,354,811	768,174	11,122,985	1.97%	6.31%	2.45
2013	109,465,144	41,716,085	1,873,154	43,589,239	2.48%	5.56%	3.80
2014	1,065,778,577	61,072,987	6,949,247	68,022,234	0.34%	11.08%	1.55
2015	1,341,476,635	234,962,994	8,265,440	243,228,434	1.01%	6.57%	3.85
2016	1,359,008,863	160,539,309	8,006,065	168,545,374	0.81%	6.95%	5.33
2017	970,500,182	339,344,935	6,283,874	345,628,809	1.84%	5.84%	5.92
Total: Credit Portfolio	\$ 5,498,044,711	\$ 1,270,849,572	\$ 70,252,319	\$ 1,341,101,891	1.38%	6.61%	4.72
Investments in Debt and Equity of Affiliates	\$ 1,677,993,432	\$ 73,886,654	\$ 1,833,521	\$ 75,720,175	0.13%	13.05%	5.77
Total: GAAP Basis	\$ 3,820,051,279	\$ 1,196,962,918	\$ 68,418,798	\$ 1,265,381,716	1.89%	6.22%	4.26

(1) Equity residual investments and principal only securities are excluded from this calculation.

(2) Actual maturities of mortgage-backed securities are generally shorter than stated contractual maturities. Actual maturities are affected by the contractual lives of the underlying mortgages, periodic payments of principal and prepayments of principal.

The following table presents the fair value of our credit securities portfolio by credit rating as of June 30, 2018 and December 31, 2017:

Credit Rating - Credit Securities (1)	June 30, 2018 (2)	December 31, 2017
AAA	\$ 63,209,300	\$ 69,582,019
A	47,989,227	49,000,012
BBB	17,645,647	10,762,666
BB	58,172,310	65,783,281
B	181,264,888	183,943,696
Below B	287,824,385	370,698,941
Not Rated	574,488,294	591,331,276
Total: Credit Securities	\$ 1,230,594,051	\$ 1,341,101,891
Investments in Debt and Equity of Affiliates	\$ 160,556,606	\$ 75,720,175
Total: GAAP Basis	\$ 1,070,037,445	\$ 1,265,381,716

(1) Represents the minimum rating for rated assets of S&P, Moody and Fitch credit ratings, stated in terms of the S&P equivalent.

(2) Net of any non-recourse securitized debt.

The following table presents the CPR experienced on our GAAP Agency RMBS portfolio, on an annualized basis, for the quarterly periods presented:

Agency RMBS	Three Months Ended (1) (2)	
	June 30, 2018	June 30, 2017
30 Year Fixed Rate	6%	7%
Fixed Rate CMO	8%	10%
ARM	11%	14%
Interest Only	9%	13%
Weighted Average	6%	9%

(1) Represents the weighted average monthly CPRs published during the quarter for our in-place portfolio during the same period.

(2) Source: Bloomberg

The following tables present the geographic concentration of the underlying collateral for our Non-Agency RMBS and CMBS portfolios:

June 30, 2018

Non-Agency RMBS		CMBS	
State	Percentage	State	Percentage
California	22.6%	California	17.5%
New York	7.5%	New Jersey	9.0%
Florida	7.5%	Texas	8.6%
Colorado	4.2%	Florida	8.4%
Georgia	4.0%	New York	7.6%
Other	54.2%	Other	48.9%
Total	100.0%	Total	100.0%

December 31, 2017

Non-Agency RMBS		CMBS	
State	Percentage	State	Percentage
California	22.6%	California	12.5%
Florida	7.8%	Texas	9.4%
New York	7.2%	New York	7.7%
Colorado	4.0%	Arizona	7.5%
Texas	3.9%	New Jersey	6.8%
Other	54.5%	Other	56.1%
Total	100.0%	Total	100.0%

The following tables present certain information regarding credit quality for certain categories within our Non-Agency RMBS and CMBS portfolios:

June 30, 2018

Non-Agency RMBS*			
Category	Weighted Average 60+ Days Delinquent	Weighted Average Loan Age (Months)	Weighted Average Credit Enhancement
Prime	8.9%	125.85	14.6%
Alt-A/Subprime	12.7%	152.91	24.7%
Credit Risk Transfer	0.5%	26.22	1.3%
RPL/NPL	69.3%	140.26	39.9%

CMBS*

Category	Weighted Average 60+ Days Delinquent	Weighted Average Loan Age (Months)	Weighted Average Credit Enhancement
CMBS	2.7%	24.06	15.6%
Freddie Mac K Series	0.5%	34.57	0.8%

December 31, 2017

Non-Agency RMBS*			
Category	Weighted Average 60+ Days Delinquent	Weighted Average Loan Age (Months)	Weighted Average Credit Enhancement
Prime	9.5%	114.48	14.5%
Alt-A/Subprime	16.0%	143.62	28.4%
Credit Risk Transfer	0.3%	19.67	1.1%
RPL/NPL	73.3%	108.91	40.7%

CMBS*

Category	Weighted Average 60+ Days Delinquent	Weighted Average Loan Age (Months)	Weighted Average Credit Enhancement
CMBS	4.2%	37.14	18.5%
Freddie Mac K Series	0.0%	31.22	0.8%

*Sources: Intex, Trepp

Financing activities

We use leverage to complete the purchase of real estate securities and loans in our investment portfolio. In 2018 and 2017, our leverage has been in the form of repurchase agreements, and securitized debt. Repurchase agreements involve the sale and a simultaneous agreement to repurchase the transferred assets or similar assets at a future date. The amount borrowed generally is equal to the fair value of the assets pledged less an agreed-upon discount, referred to as a “haircut.” The size of the haircut reflects the perceived risk associated with the pledged asset. Haircuts may change as our repurchase agreements mature or roll and are sensitive to governmental regulations. We did not experience fluctuations in our haircuts that caused us to alter our business and financing strategies for the three and six months ended June 30, 2018, but we continue to monitor the regulatory environment, which may influence the timing and amount of our repurchase agreement activity. We seek to obtain financing from multiple different counterparties in order to reduce our financing risk related to any single counterparty. We had outstanding debt with 29 and 27 counterparties at June 30, 2018 and December 31, 2017, respectively.

Our repurchase agreements are accounted for as financings and require the repurchase of the transferred securities or loans or repayment of the advance at the end of each agreement's term, typically 30 to 90 days. If we maintain the beneficial interest in the specific assets pledged during the term of the borrowing, we receive the related principal and interest payments. If we do not maintain the beneficial interest in the specific assets pledged during the term of the borrowing, we will have the related principal and interest payments remitted to us by the lender. Interest rates on borrowings are fixed based on prevailing rates corresponding to the terms of the borrowings, and interest is paid at the termination of the borrowing at which time we may enter into a new borrowing arrangement at prevailing market rates with the same counterparty or repay that counterparty and negotiate financing with a different counterparty. In response to declines in fair value of pledged assets due to changes in market conditions or the publishing of monthly security paydown factors, lenders typically require us to post additional assets as collateral, pay down borrowings or establish cash margin accounts with the counterparties in order to re-establish the agreed-upon collateral requirements, referred to as margin calls. As of June 30, 2018 and December 31, 2017, we have met all margin call requirements.

For the six months ended June 30, 2018, we noted changes in the spread of our financing arrangements. The Fed raised the federal funds interest rate by 25 bps in each of March and June of 2018. In addition, various supply-demand technicals within the short-term interest rate markets resulted in an increase in 3-month LIBOR by about 64bps for the six months ended June 30, 2018. Our cost of financing increased by 61bps from 1.98% at December 31, 2017 to 2.59% at June 30, 2018, as bank funding costs are more closely tied to federal funds than LIBOR. This resulted in a net financial benefit on the portion of our outstanding financing hedged with swaps, where our weighted average receive-floating rate increased 84bps from 1.50% to 2.34%.

The following table presents the quarter-end balance, average quarterly balance and maximum balance at any month-end for the Company's (i) repurchase agreements on its investment portfolio, U.S Treasury securities, and FHLBC Advances, and (ii) repurchase agreements through affiliated entities, excluding any financing utilized in our investment in AG Arc, with a reconciliation of all quarterly figures to GAAP. Refer to the "Hedging Activities" section below for more information on repurchase agreements secured by U.S. Treasury securities.

Quarter Ended		Quarter-End Balance	Average Quarterly Balance	Maximum Balance at Any Month-End
June 30, 2018				
	Non-GAAP Basis	\$2,719,375,900	\$ 2,792,123,422	\$ 2,932,185,582
	Less: Investments in Debt and Equity of Affiliates	85,194,019	170,006,176	213,488,976
	GAAP Basis	\$2,634,181,881	\$ 2,622,117,246	\$ 2,718,696,606
March 31, 2018				
	Non-GAAP Basis	\$3,035,398,509	\$ 2,954,404,069	\$ 3,043,392,274
	Less: Investments in Debt and Equity of Affiliates	208,819,187	77,309,368	208,819,187
	GAAP Basis	\$2,826,579,322	\$ 2,877,094,701	\$ 2,834,573,087
December 31, 2017				
	Non-GAAP Basis	\$3,011,590,715	\$ 2,882,547,257	\$ 3,011,590,715
	Less: Investments in Debt and Equity of Affiliates	7,183,697	8,848,702	9,806,942
	GAAP Basis	\$3,004,407,018	\$ 2,873,698,555	\$ 3,001,783,773
September 30, 2017				
	Non-GAAP Basis	\$2,703,068,550	\$ 2,596,533,544	\$ 2,746,150,804
	Less: Investments in Debt and Equity of Affiliates	8,516,726	8,697,487	8,868,455
	GAAP Basis	\$2,694,551,824	\$ 2,587,836,057	\$ 2,737,282,349
June 30, 2017				
	Non-GAAP Basis	\$2,265,226,741	\$ 2,209,990,873	\$ 2,339,132,696
	Less: Investments in Debt and Equity of Affiliates	8,484,353	8,805,678	9,115,429
	GAAP Basis	\$2,256,742,388	\$ 2,201,185,195	\$ 2,330,017,267
March 31, 2017				
	Non-GAAP Basis	\$1,887,766,585	\$ 1,813,668,360	\$ 1,887,766,585
	Less: Investments in Debt and Equity of Affiliates	8,424,063	8,787,942	9,172,241
	GAAP Basis	\$1,879,342,522	\$ 1,804,880,418	\$ 1,878,594,344
December 31, 2016				
	Non-GAAP Basis	\$1,910,508,715	\$ 1,972,784,763	\$ 2,009,130,688
	Less: Investments in Debt and Equity of Affiliates	9,998,909	10,525,232	11,019,272
	GAAP Basis	\$1,900,509,806	\$ 1,962,259,531	\$ 1,998,111,416
September 30, 2016				
	Non-GAAP Basis	\$2,237,848,414	\$ 2,242,396,467	\$ 2,275,367,639
	Less: Investments in Debt and Equity of Affiliates	11,484,705	12,147,413	12,842,577
	GAAP Basis	\$2,226,363,709	\$ 2,230,249,054	\$ 2,262,525,062
June 30, 2016				
	Non-GAAP Basis	\$2,263,590,848	\$ 2,305,132,749	\$ 2,368,334,965
	Less: Investments in Debt and Equity of Affiliates	13,594,846	14,627,811	15,534,683
	GAAP Basis	\$2,249,996,002	\$ 2,290,504,938	\$ 2,352,800,282
March 31, 2016				
	Non-GAAP Basis	\$2,573,321,330	\$ 2,559,321,654	\$ 2,582,943,709
	Less: Investments in Debt and Equity of Affiliates	16,405,130	17,168,967	17,982,309
	GAAP Basis	\$2,556,916,200	\$ 2,542,152,687	\$ 2,564,961,400
December 31, 2015				
	Non-GAAP Basis	\$2,450,495,579	\$ 2,611,418,224	\$ 2,737,440,514
	Less: Investments in Debt and Equity of Affiliates	18,638,119	19,119,157	19,643,832
	GAAP Basis	\$2,431,857,460	\$ 2,592,299,067	\$ 2,717,796,682
September 30, 2015				
	Non-GAAP Basis	\$2,585,828,163	\$ 2,509,992,155	\$ 2,585,828,163
	Less: Investments in Debt and Equity of Affiliates	20,212,522	20,566,999	20,876,667
	GAAP Basis	\$2,565,615,641	\$ 2,489,425,156	\$ 2,564,951,496
June 30, 2015				
	Non-GAAP Basis	\$2,534,309,367	\$ 2,618,201,220	\$ 2,689,179,519
	Less: Investments in Debt and Equity of Affiliates	21,091,153	21,209,044	21,267,990
	GAAP Basis	\$2,513,218,214	\$ 2,596,992,176	\$ 2,667,911,529

As noted, we finance the purchase of our investments primarily with repurchase agreements. Our repurchase agreement balance can reasonably be expected to (i) increase as the size of our investment portfolio increases primarily through equity capital raises and as we increase our investment allocation to Agency RMBS and (ii) decrease as the size of our portfolio decreases through asset sales, principal paydowns, and as we increase our investment allocation to credit investments. Credit investments, due to their elevated risk profile, have lower allowable leverage ratios than Agency RMBS, which restricts our financing counterparties from providing as much repurchase agreement financing to us and lowers our total repurchase agreement balance.

Master repurchase agreements on our investment portfolio

As of June 30, 2018 and December 31, 2017, we have entered into master repurchase agreements on our investment portfolio with 40 and 39 counterparties, respectively, under which we had outstanding debt with 29 and 27 counterparties, respectively, inclusive of repurchase agreements in affiliated entities. See Note 7 to the “Notes to Consolidated Financial Statements (unaudited)” for a description of our material master repurchase agreements.

Our MRAs generally include customary representations, warranties, and covenants, but may also contain more restrictive supplemental terms and conditions. Although specific to each MRA, typical supplemental terms include requirements of minimum equity, leverage ratios, performance triggers or other financial ratios.

The following table presents, as of June 30, 2018, certain financial information related to our repurchase agreements secured by our real estate securities. It also reconciles these items to GAAP:

Repurchase Agreements Maturing Within:	Balance	Weighted Average Rate	Weighted Average Funding Cost	Weighted Average Days to Maturity	Weighted Average Haircut
Overnight	\$ 110,636,000	2.31%	2.31%	2	3.0%
30 days or less	1,791,115,000	2.46%	2.46%	13	9.2%
31-60 days	420,130,000	2.50%	2.50%	39	8.7%
61-90 days	195,099,000	2.70%	2.70%	74	10.9%
Greater than 180 days	88,572,000	3.61%	3.65%	445	18.7%
Total: Non-GAAP Basis	\$ 2,605,552,000	2.52%	2.52%	36	9.3%
Investments in Debt and Equity of Affiliates	\$ 59,780,000	4.49%	4.56%	323	25.0%
Total: GAAP Basis	\$ 2,545,772,000	2.47%	2.47%	30	9.0%

The following table presents, as of December 31, 2017, certain financial information related to our repurchase agreements secured by our real estate securities. It also reconciles these items to GAAP:

Repurchase Agreements Maturing Within:	Balance	Weighted Average Rate (1)	Weighted Average Days to Maturity	Weighted Average Haircut
Overnight	\$ 128,779,000	1.80%	2	3.2%
30 days or less	2,106,404,000	1.94%	10	9.6%
31-60 days	611,763,000	1.76%	43	7.6%
61-90 days	32,445,000	3.04%	76	25.9%
91-180 days	1,189,000	3.22%	151	22.8%
Greater than 180 days	93,059,628	3.00%	644	20.4%
Total: Non-GAAP Basis	\$ 2,973,639,628	1.94%	37	9.4%
Investments in Debt and Equity of Affiliates	\$ 1,359,000	3.31%	24	6.0%
Total: GAAP Basis	\$ 2,972,280,628	1.94%	37	9.4%

(1) As of December 31, 2017 the weighted average rate equaled the weighted average funding cost on our repurchase agreements secured by residential mortgage loans as a result of the full recognition of deferred fee amounts.

The increase in the balance of our repurchase agreements held in our investments in affiliates from December 31, 2017 to June 30, 2018 is due to financing added on newly purchased residential whole loans we have structured as securities.

The following table presents certain financial information related to our repurchase agreements secured by residential mortgage loans and real estate owned as of June 30, 2018 with a reconciliation of such information back to GAAP:

Repurchase Agreements Maturing Within:	Balance	Weighted Average Rate	Weighted Average Funding Cost	Weighted Average Days to Maturity	Weighted Average Haircut
Greater than 180 days: Non-GAAP Basis	\$ 92,027,900	4.13%	4.35%	592	24.4%
Investments in Debt and Equity of Affiliates	\$ 25,414,019	4.57%	4.87%	267	19.9%
Total: GAAP Basis	\$ 66,613,881	4.11%	4.15%	716	26.1%

The following table presents certain financial information related to our repurchase agreements secured by residential mortgage loans and real estate owned as of December 31, 2017 with a reconciliation of such information back to GAAP:

Repurchase Agreements Maturing Within:	Balance	Weighted Average Rate and Funding Cost (1)	Weighted Average Days to Maturity	Weighted Average Haircut
Greater than 180 days: Non-GAAP Basis	\$ 16,155,087	4.01%	484	33.7%
Investments in Debt and Equity of Affiliates	\$ 5,824,697	3.91%	602	31.7%
Total: GAAP Basis	\$ 10,330,390	4.07%	418	34.8%

(1) As of December 31, 2017, the weighted average rate equaled the weighted average funding cost on our repurchase agreements secured by residential mortgage loans as a result of the full recognition of deferred fee amounts.

The primary difference between the balance of our repurchase agreements at December 31, 2017 and June 30, 2018 is due to financing added in MATT and newly purchased residential whole loans.

The following table presents certain financial information related to repurchase agreements secured by commercial loans as of June 30, 2018:

Repurchase Agreements Maturing Within:	Balance	Weighted Average Rate and Funding Cost (1)	Weighted Average Days to Maturity	Weighted Average Haircut
Greater than 180 days	\$ 21,796,000	4.24%	366	33.5%

(1) As of June 30, 2018 the weighted average rate equaled the weighted average funding cost on our repurchase agreements secured by residential mortgage loans as a result of the full recognition of deferred fee amounts.

The following table presents certain financial information related to repurchase agreements secured by commercial loans as of December 31, 2017:

Repurchase Agreements Maturing Within:	Balance	Weighted Average Rate and Funding Cost (1)	Weighted Average Days to Maturity	Weighted Average Haircut
Greater than 180 days	\$ 21,796,000	3.70%	547	33.5%

(1) As of December 31, 2017, the weighted average rate equaled the weighted average funding cost on our repurchase agreements secured by commercial loans as a result of the full recognition of deferred fee amounts.

The following table presents a summary of certain financial information related to repurchase agreements secured by our Investment Portfolio as of June 30, 2018:

Repurchase Agreements Maturing Within: (1)	Agency		Credit	
	Balance	Weighted Average Rate	Balance	Weighted Average Rate
Overnight	\$ 110,636,000	2.31%	\$ -	-
30 days or less	1,155,126,000	2.07%	635,989,000	3.17%
31-60 days	314,101,000	2.15%	106,029,000	3.53%
61-90 days	132,637,000	2.05%	62,462,000	4.06%
Greater than 180 days	-	-	202,395,900	4.03%
Total: Non-GAAP Basis	\$1,712,500,000	2.10%	\$1,006,875,900	3.43%
Investments in Debt and Equity of Affiliates	\$ -	-	\$ 85,194,019	4.65%
Total: GAAP Basis	\$1,712,500,000	2.10%	\$ 921,681,881	3.32%

(1) As of June 30, 2018, our weighted average days to maturity is 58 days and our weighted average original days to maturity is 116 days on a Non-GAAP Basis. As of June 30, 2018, our weighted average days to maturity is 50 days and our weighted average original days to maturity is 107 days on a GAAP Basis.

The following table presents a summary of certain financial information related to repurchase agreements secured by our Investment Portfolio as of December 31, 2017:

Repurchase Agreements Maturing Within: (1)	Agency		Credit	
	Balance	Weighted Average Rate	Balance	Weighted Average Rate
Overnight	\$ 128,779,000	1.80%	\$ -	-
30 days or less	1,398,411,000	1.57%	707,993,000	2.68%
31-60 days	477,943,000	1.49%	133,820,000	2.75%
61-90 days	-	-	32,445,000	3.04%
91-180 days	-	-	1,189,000	3.22%
Greater than 180 days	-	-	131,010,715	3.24%
Total: Non-GAAP Basis	\$2,005,133,000	1.56%	\$1,006,457,715	2.77%
Investments in Debt and Equity of Affiliates	\$ -	-	\$ 7,183,697	3.80%
Total: GAAP Basis	\$2,005,133,000	1.56%	\$ 999,274,018	2.77%

(1) As of December 31, 2017, our weighted average days to maturity is 43 days and our weighted average original days to maturity is 118 days on a Non-GAAP Basis. As of December 31, 2017, our weighted average days to maturity is 42 days and our weighted average original days to maturity is 117 days on a GAAP Basis.

Other financing transactions

In 2014, we entered into a securitization transaction, pursuant to which we created a special purpose entity (“SPE”) to facilitate the transaction (the “Resecuritization”). We determined that the SPE was a variable interest entity (“VIE”) and that the VIE should be consolidated by us under ASC 810-10 and treated as a secured borrowing (the “Consolidated VIE”). See Note 2 to the Notes to Consolidated Financial Statements (unaudited) for more detail on the Consolidated VIE.

The following table details certain information on the Consolidated VIE as of June 30, 2018:

	Current Face	Fair Value	Weighted Average		Life (Years) (1)
			Coupon	Yield	
Consolidated tranche (2)	\$ 13,872,792	\$ 13,984,245	3.73%	4.37%	2.70
Retained tranche	8,519,101	6,345,307	3.52%	17.46%	8.87
Total resecutitized asset	\$ 22,391,893	\$ 20,329,552	3.65%	8.46%	5.05

(1) Actual maturities of investments and loans are generally shorter than stated contractual maturities. Maturities are affected by the contractual lives of the underlying mortgages, periodic payments of principal and prepayments of principal.

(2) As of June 30, 2018, the fair market value of the consolidated tranche is included in our consolidated balance sheets as “Non-Agency RMBS”. As of June 30, 2018, we have recorded secured financing of \$14.0 million on our consolidated balance sheets in the “Securitized debt, at fair value” line item.

The following table details certain information on the Consolidated VIE as of December 31, 2017:

	Current Face	Fair Value	Weighted Average		Life (Years) (1)
			Coupon	Yield	
Consolidated tranche (2)	\$ 16,354,718	\$ 16,477,801	3.11%	3.92%	2.95
Retained tranche	8,617,903	6,100,571	4.28%	15.48%	9.04
Total resecutitized asset	\$ 24,972,621	\$ 22,578,372	3.51%	7.04%	5.05

(1) Actual maturities of investments and loans are generally shorter than stated contractual maturities. Maturities are affected by the contractual lives of the underlying mortgages, periodic payments of principal and prepayments of principal.

(2) As of December 31, 2017, the fair market value of the consolidated tranche is included in our consolidated balance sheets as “Non-Agency RMBS”. As of December 31, 2017, we have recorded secured financing of \$16.5 million on our consolidated balance sheets in the “Securitized debt, at fair value” line item.

In February 2016, we originated a \$12.0 million commercial loan and, at closing, transferred a 15.0% or \$1.8 million participation interest in the loan (the “Participation Interest”) to an unaffiliated third party. The Participation Interest bore interest at a rate of LIBOR+ 10.00% with a LIBOR floor of 0.25%. We determined that the Participation Interest should be consolidated under ASC 860 due to the fact that the sale of the Participation Interest did not meet the sales criteria established under ASC 860. The commercial loan was paid off in full in February 2017. The principal and interest due on the Participation Interest was paid from these proceeds.

Leverage

We define non-GAAP “at-risk” leverage as the sum of: (i) our GAAP repurchase agreements, (ii) repurchase agreements held through affiliated entities but exclusive of any financing utilized through AG Arc (iii) the amount payable on purchases that have not yet settled less the financing remaining on sales that have not yet settled, (iv) the consolidated tranche issued by the Consolidated VIE, (v) the Participation Interest and (vi) our net TBA position (at cost). Our calculations of each type of leverage exclude repurchase agreements and net receivables/payables on unsettled trades pertaining to U.S. Treasury securities due to the highly liquid and temporary nature of these investments. The calculations in the tables below divide our leverage calculations by our GAAP stockholders’ equity to derive our leverage ratios. The following tables present a reconciliation of our non-GAAP “at-risk” leverage ratio back to GAAP.

June 30, 2018	Leverage	Stockholders’	
		Equity	Leverage Ratio
GAAP Leverage	\$2,782,605,836	\$ 696,558,106	4.0x
Repurchase agreements through affiliated entities	91,658,983		
Net TBA receivable/(payable) adjustment	166,202,734		
Non-GAAP “At Risk” Leverage	\$3,040,467,553	\$ 696,558,106	4.4x

December 31, 2017	Leverage	Stockholders’	
		Equity	Leverage Ratio
GAAP Leverage	\$3,023,293,361	\$ 714,259,207	4.2x
Repurchase agreements through affiliated entities	7,183,697		
Net TBA receivable/(payable) adjustment	102,484,375		
Non-GAAP “At Risk” Leverage	\$3,132,961,433	\$ 714,259,207	4.4x

Hedging activities

Subject to maintaining our qualification as a REIT and our Investment Company Act exemption, to the extent leverage is deployed, we utilize hedging instruments, including interest rate swaps, swaption agreements, Futures, and other financial instruments such as short positions in U.S. Treasury securities, in an effort to hedge the interest rate risk associated with the financing of our portfolio. Specifically, we may seek to hedge our exposure to potential interest rate mismatches between the interest we earn on our investments and our borrowing costs caused by fluctuations in short-term interest rates. In utilizing leverage and interest rate hedges, our objectives are to improve risk-adjusted returns and, where possible, to lock in, on a long-term basis, a spread between the yield on our assets and the costs of our financing and hedging. Refer to the tables below for a summary of our hedging instruments.

Our centrally cleared trades require that we post an “initial margin” to our counterparties of an amount determined by the Chicago Mercantile Exchange (“CME”), the central clearinghouse through which those trades are cleared, which is generally intended to be set at a level sufficient to protect the CME from the maximum estimated single-day price movement in that market participant’s contracts. We also exchange cash “variation margin” with our counterparties on our centrally cleared trades based upon daily changes in the fair value as measured by the CME. Beginning in the first quarter of 2017, as a result of a CME amendment to its rule book governing central clearing activities, the daily exchange of variation margin associated with a CME instrument is legally characterized as the daily settlement of the derivative instrument itself, as opposed to a pledge of collateral. Accordingly, beginning in 2017, we account for the daily receipt or payment of variation margin associated with our centrally cleared interest rate swaps and futures as a direct reduction to the carrying value of the interest rate swap and future derivative asset or liability, respectively. Beginning in 2017, the carrying amount of centrally cleared interest rate swaps and futures reflected in our consolidated balance sheets is equal to the unsettled fair value of such instruments. See Note 8 in the Notes to Consolidated Financial Statements for more information.

The following table presents the fair value of our derivative and other instruments and their balance sheet location at June 30, 2018 and December 31, 2017.

Derivatives and Other Instruments	GAAP Designation	Balance Sheet Location	June 30, 2018		December 31, 2017	
Interest rate swaps (1)	Non-Hedge	Derivative assets, at fair value	\$	2,853,609	\$	1,428,240
Interest rate swaps (1)	Non-Hedge	Derivative liabilities, at fair value		(473,647)		(450,208)
Swaptions	Non-Hedge	Derivative assets, at fair value		971,831		362,202
Short positions on U.S. Treasury Futures	Non-Hedge	Derivative assets, at fair value		-		110,063
Short positions on U.S. Treasuries	Non-Hedge	Obligation to return securities borrowed under reverse repurchase agreements, at fair value (2)		-		(24,379,356)

(1) As of June 30, 2018, the Company applied a reduction in fair value of \$62.2 million and \$1.9 million to its interest rate swap assets and liabilities, respectively, related to variation margin. As of December 31, 2017, the Company applied a reduction in fair value of \$19.5 million and \$0.6 million to its interest rate swap assets and liabilities, respectively, related to variation margin.

(2) The Company’s obligation to return securities borrowed under reverse repurchase agreements relates to securities borrowed to cover short sales of U.S. Treasury securities. The change in fair value of the borrowed securities is recorded in the “Unrealized gain/(loss) on derivatives and other instruments, net” line item in the Company’s consolidated statement of operations.

The following table summarizes the notional amount of certain of our non-hedge derivatives and other instruments:

Non-hedge derivatives and other instruments held long/(short):	June 30, 2018	December 31, 2017
Notional amount of Pay Fix/Receive Float Interest Rate Swap Agreements	\$2,396,000,000	\$ 2,227,000,000
Net notional amount of Swaptions	250,000,000	270,000,000
Notional amount of short positions on U.S. Treasury Futures (1)	(20,000,000)	(52,500,000)
Notional amount of short positions on U.S. Treasuries	-	(24,668,000)

(1) Each U.S. Treasury Future contract embodies \$100,000 of notional value.

The following table summarizes gains/(losses) related to derivatives and other instruments:

Non-hedge derivatives and other instruments gain/(loss):	Statement of Operations Location	Three Months Ended June 30, 2018	Three Months Ended June 30, 2017	Six Months Ended June 30, 2018	Six Months Ended June 30, 2017
Interest rate swaps, at fair value	Unrealized gain/(loss) on derivative and other instruments, net	\$ 5,610,322	\$ 2,027,635	\$ 41,862,031	\$ 3,258,849
Interest rate swaps, at fair value	Net realized gain/(loss)	5,861,656	(8,082,738)	5,861,656	(8,082,738)
Swaptions, at fair value	Unrealized gain/(loss) on derivative and other instruments, net	(383,517)	-	(31,746)	-
Swaptions, at fair value	Net realized gain/(loss)	-	-	50,625	-
U.S. Treasury Futures	Unrealized gain/(loss) on derivative and other instruments, net	384,938	1,273,312	(109,419)	1,379,811
U.S. Treasury Futures	Net realized gain/(loss)	66,820	(2,882,643)	739,600	(3,830,579)
U.S. Treasuries	Unrealized gain/(loss) on derivative and other instruments, net	-	-	(94,004)	(1,724,922)
U.S. Treasuries	Net realized gain	-	-	131,375	1,730,547

The following table summarizes the weighted average life of our non-hedge derivatives and other instruments:

Weighted Average Life (Years) on non-hedge derivatives and other instruments	June 30, 2018	December 31, 2017
Interest rate swaps	4.93	4.56
Swaptions	0.54	0.59
Short positions on U.S. Treasury Futures	0.22	0.22
Short positions on U.S. Treasuries	-	6.86

Interest rate swaps

To help mitigate exposure to increases in short-term interest rates, we use currently-paying and may use forward-starting, one- or three-month LIBOR-indexed, pay-fixed, receive-variable, interest rate swap agreements. This arrangement helps hedge our exposure to higher short-term interest rates because the variable-rate payments received on the swap agreements help to offset additional interest accruing on the related borrowings due to the higher interest rate, leaving the fixed-rate payments to be paid on the swap agreements as our effective borrowing rate, subject to certain adjustments including changes in spreads between variable rates on the swap agreements and actual borrowing rates.

As of June 30, 2018, our interest rate swap positions consisted of pay-fixed interest rate swaps. The following table presents information about our interest rate swaps as of June 30, 2018:

Maturity	Notional Amount	Weighted Average Pay-Fixed Rate	Weighted Average Receive-Variable Rate	Weighted Average Years to Maturity
2019	\$ 170,000,000	1.36%	2.34%	1.38
2020	540,000,000	1.64%	2.34%	1.88
2022	653,000,000	1.90%	2.34%	4.10
2023	149,000,000	2.94%	2.35%	4.90
2024	230,000,000	2.06%	2.33%	6.00
2025	125,000,000	2.87%	2.34%	6.88
2026	75,000,000	2.12%	2.33%	8.39
2027	264,000,000	2.35%	2.34%	9.19
2028	190,000,000	2.94%	2.34%	9.79
Total/Wtd Avg	\$ 2,396,000,000	2.07%	2.34%	4.93

As of December 31, 2017, our interest rate swap positions consisted of pay-fixed interest rate swaps. The following table presents information about our interest rate swaps as of December 31, 2017:

Maturity	Notional Amount	Weighted Average Pay-Fixed Rate	Weighted Average Receive-Variable Rate	Weighted Average Years to Maturity
2019	\$ 170,000,000	1.36%	1.43%	1.88
2020	835,000,000	1.77%	1.52%	2.54
2022	653,000,000	1.90%	1.51%	4.59
2024	230,000,000	2.06%	1.47%	6.50
2026	75,000,000	2.12%	1.44%	8.89
2027	264,000,000	2.35%	1.50%	9.69
Total/Wtd Avg	\$ 2,227,000,000	1.89%	1.50%	4.56

Dividends

We intend to continue to make regular quarterly distributions to holders of our common stock if and to the extent authorized by our board of directors. Federal income tax law generally requires that a REIT distribute annually at least 90% of its REIT ordinary taxable income, without regard to the deduction for dividends paid and excluding net capital gains and that it pay tax at regular corporate rates to the extent that it annually distributes less than 100% of its net taxable income. Before we pay any dividend, whether for U.S. federal income tax purposes or otherwise, we must first meet both our operating requirements and debt service on our repurchase agreements and other debt payable. If our cash available for distribution is less than our net taxable income, we could be required to sell assets or borrow funds to make cash distributions or we may make a portion of the required distribution in the form of a taxable stock distribution or distribution of debt securities. In addition, prior to the time we have fully deployed the net proceeds of our follow-on offerings to acquire assets in our target asset classes we may fund our quarterly distributions out of such net proceeds.

As mentioned above, our distribution requirements are based on taxable income rather than GAAP net income. The primary differences between taxable income and GAAP net income include (i) unrealized gains and losses associated with investment and derivative portfolios which are marked-to-market in current income for GAAP purposes, but excluded from taxable income until realized or settled, (ii) temporary differences related to amortization of premiums and discounts paid on investments, (iii) the timing and amount of deductions related to stock-based compensation, (iv) temporary differences related to the recognition of realized gains and losses on sold investments and certain terminated derivatives and (v) taxes. Undistributed taxable income is based on current estimates and is not finalized until we file our annual tax return, typically in September of the following year. As of June 30, 2018 the Company had estimated undistributed taxable income of approximately \$1.57 per share.

The following table details our common stock dividends during the six months ended June 30, 2018 and June 30, 2017:

2018

Declaration Date	Record Date	Payment Date	Dividend Per Share
3/15/2018	3/29/2018	4/30/2018	\$ 0.475
6/18/2018	6/29/2018	7/31/2018	0.500

2017

Declaration Date	Record Date	Payment Date	Dividend Per Share
3/10/2017	3/21/2017	4/28/2017	\$ 0.475
6/8/2017	6/19/2017	7/31/2017	0.475

The following tables detail our preferred stock dividends during the six months ended June 30, 2018 and June 30, 2017:

2018

Dividend	Declaration Date	Record Date	Payment Date	Dividend Per Share
8.25% Series A	2/16/2018	2/28/2018	3/19/2018	\$ 0.51563
8.25% Series A	5/15/2018	5/31/2018	6/18/2018	0.51563

Dividend	Declaration Date	Record Date	Payment Date	Dividend Per Share
8.00% Series B	2/16/2018	2/28/2018	3/19/2018	\$ 0.50
8.00% Series B	5/15/2018	5/31/2018	6/18/2018	0.50

2017

Dividend	Declaration Date	Record Date	Payment Date	Dividend Per Share
8.25% Series A	2/16/2017	2/28/2017	3/17/2017	\$ 0.51563
8.25% Series A	5/15/2017	5/31/2017	6/19/2017	0.51563

Dividend	Declaration Date	Record Date	Payment Date	Dividend Per Share
8.00% Series B	2/16/2017	2/28/2017	3/17/2017	\$ 0.50
8.00% Series B	5/15/2017	5/31/2017	6/19/2017	0.50

Liquidity and capital resources

Our liquidity determines our ability to meet our cash obligations, including commitments to make distributions to our stockholders, pay our expenses, finance our investments and satisfy other general business needs. Our principal sources of cash as of June 30, 2018 consisted of borrowings under repurchase agreements, payments of principal and interest we receive on our Agency RMBS and credit portfolio, cash generated from our operating results, and proceeds from capital market transactions. We typically use cash to repay principal and interest on our repurchase agreements, to purchase real estate securities, loans and other real estate related assets, to make dividend payments on our capital stock, and to fund our operations. At June 30, 2018, we had \$123.3 million available to support our liquidity needs, comprised of \$31.1 million of cash and \$92.2 million of Agency fixed rate securities and CMOs that have not been pledged as collateral under any of our financing agreements. Refer to the “Contractual obligations” section of this Item 2 for additional obligations that could impact our liquidity.

Leverage

The amount of leverage we may deploy for particular assets depends upon our Manager’s assessment of the credit and other risks of those assets, and also depends on any limitations placed upon us through covenants contained in our master repurchase agreements. We generate income principally from the yields earned on our investments and, to the extent that leverage is deployed, on the difference between the yields earned on our investments and our cost of borrowing and the cost of any hedging activities. Subject to maintaining both our qualification as a REIT for U.S. federal income tax purposes and our Investment Company Act exemption, to the extent leverage is deployed, we may use a number of sources to finance our investments.

As of June 30, 2018, we had MRAs with 40 counterparties, allowing us to utilize leverage in our operations. As of June 30, 2018, we had debt outstanding of \$2.7 billion from 29 counterparties, inclusive of repurchase agreements through affiliated entities. The borrowings under repurchase agreements have maturities between July 2, 2018 and June 15, 2020. These agreements generally include customary representations, warranties, and covenants, but may also contain more restrictive supplemental terms and conditions. Although specific to each lending agreement, typical supplemental terms include requirements of minimum equity, leverage ratios, performance triggers or other financial ratios. If we fail to meet or satisfy any covenants, supplemental terms or representations and warranties, we would be in default under these agreements and our lenders could elect to declare all amounts outstanding under the agreements to be immediately due and payable, enforce their respective interests against collateral pledged under such agreements and restrict our ability to make additional borrowings. Certain financing agreements may contain cross-default provisions, so that if a default occurs under any one agreement, the lenders under our other agreements could also declare a default.

Under our repurchase agreements, we may be required to pledge additional assets to our lenders in the event the estimated fair value of the existing pledged collateral under such agreements declines and such lenders demand additional collateral, which may take the form of additional securities or cash. Certain securities that are pledged as collateral under our repurchase agreements are in unrealized loss positions.

The following table presents contractual maturity information for our repurchase agreements at June 30, 2018 and December 31, 2017:

	June 30, 2018	December 31, 2017
Overnight	\$ 110,636,000	\$ 128,779,000
30 days or less	1,791,115,000	2,106,404,000
31-60 days	420,130,000	611,763,000
61-90 days	195,099,000	32,445,000
91-180 days	-	1,189,000
Greater than 180 days	202,395,900	131,010,715
Total: Non-GAAP Basis	\$2,719,375,900	\$ 3,011,590,715
Less: Investments in Debt and Equity of Affiliates	\$ 85,194,019	\$ 7,183,697
Total: GAAP Basis	\$2,634,181,881	\$ 3,004,407,018

As described above in the “Financing activities” section of this Item 2, we entered into the Resecuritization in 2014 that resulted in the consolidation of the VIE created with the SPE. We recorded the proceeds from the issuance of the secured financing in the “Cash Flows from Financing Activities” section of the consolidated statement of cash flows. See Note 3 to the Notes to Consolidated Financial Statements (unaudited) for more detail.

As described above in the “Financing activities” section of this Item 2, we originated a \$12.0 million commercial loan and transferred the Participation Interest to an unaffiliated third party. We recorded proceeds from the transfer in the “Cash Flows from Financing Activities” section of the consolidated statement of cash flows. The commercial loan was paid off in full in February 2017. The principal and interest due on the loan participation was paid from these proceeds.

The following table presents information at June 30, 2018 with respect to each counterparty that provides us with financing for which we had greater than 5% of our stockholders’ equity at risk with a reconciliation back to GAAP.

Counterparty	Amount at Risk	Weighted Average Maturity (days)	Percentage of Stockholders’ Equity
Credit Suisse Securities, LLC - Non-GAAP	\$ 49,819,584	237	7%
Non-GAAP Adjustments	(36,875,621)	(151)	-5%
Credit Suisse Securities, LLC - GAAP	\$ 12,943,963	86	2%
RBC (Barbados) Trading Bank Corporation - Non-GAAP	\$ 37,141,335	24	5%
Non-GAAP Adjustments	-	-	-
RBC (Barbados) Trading Bank Corporation - GAAP	\$ 37,141,335	24	5%

The following table presents information at December 31, 2017 with respect to each counterparty that provides us with financing for which we had greater than 5% of our stockholders’ equity at risk.

Counterparty	Stockholders’ Equity at Risk	Weighted Average Maturity (days)	Percentage of Stockholders’ Equity
RBC (Barbados) Trading Bank Corporation	\$ 45,239,399	26	6%
Barclays Capital Inc	39,358,150	13	6%

Margin requirements

The fair value of our real estate securities and loans fluctuate according to market conditions. When the fair value of the assets pledged as collateral to secure a repurchase agreement decreases to the point where the difference between the collateral fair value and the repurchase agreement amount is less than the haircut, our lenders may issue a “margin call,” which requires us to post additional collateral to the lender in the form of additional assets or cash. Under our repurchase facilities, our lenders have full discretion to determine the fair value of the securities we pledge to them. Our lenders typically value assets based on recent trades in the market. Lenders also issue margin calls as the published current principal balance factors change on the pool of mortgages underlying the securities pledged as collateral when scheduled and unscheduled paydowns are announced monthly. We experience margin calls in the ordinary course of our business. In seeking to manage effectively the margin requirements established by our lenders, we maintain a position of cash and unpledged Agency RMBS. We refer to this position as our “liquidity.” The level of liquidity we have available to meet margin calls is directly affected by our leverage levels, our haircuts and the price changes on our securities. If interest rates increase or if credit spreads widen, then the prices of our collateral (and our unpledged assets that constitute our liquidity) will decline, we will experience margin calls, and we will need to use our liquidity to meet the margin calls. There can be no assurance that we will maintain sufficient levels of liquidity to meet any margin calls. If our haircuts increase, our liquidity will proportionately decrease. In addition, if we increase our borrowings, our liquidity will decrease by the amount of additional haircut on the increased level of indebtedness. We intend to maintain a level of liquidity in relation to our assets that enables us to meet reasonably anticipated margin calls but that also allows us to be substantially invested in securities. We may misjudge the appropriate amount of our liquidity by maintaining excessive liquidity, which would lower our investment returns, or by maintaining insufficient liquidity, which would force us to liquidate assets into potentially unfavorable market conditions and harm our results of operations and financial condition. Further, an unexpected rise in interest rates and a corresponding fall in the fair value of our securities may also force us to liquidate assets under difficult market conditions, thereby harming our results of operations and financial condition, in an effort to maintain sufficient liquidity to meet increased margin calls. Refer to the “Liquidity risk – derivatives” section of Item 3 below for a further discussion on margin.

Similar to the margin calls that we receive on our borrowing agreements, we may also receive margin calls on our derivative instruments when their fair values decline. This typically occurs when prevailing market rates change adversely, with the severity of the change also dependent on the terms of the derivatives involved. Our posting of collateral with our counterparties can be done in cash or securities, and is generally bilateral, which means that if the fair value of our interest rate hedges increases, our counterparty will be required to post collateral with us.

Equity distribution agreement

On May 5, 2017, we entered into an equity distribution agreement with each of Credit Suisse Securities (USA) LLC and JMP Securities LLC (collectively, the “Sales Agents”), which we refer to as the “Equity Distribution Agreements,” pursuant to which we may sell up to \$100.0 million aggregate offering price of shares of our common stock from time to time through the Sales Agents, as defined in Rule 415 under the Securities Act of 1933. The Equity Distribution Agreements were amended on May 2, 2018 in conjunction with the filing of our shelf registration statement registering up to \$750.0 million of its securities, including capital stock (the “2018 Registration Statement”). As of June 30, 2018, we have sold 460,932 shares of common stock under the Equity Distribution Agreements for net proceeds of approximately \$8.6 million.

Real estate securities

Real estate securities in any remaining unrealized loss position as of the balance sheet date are not considered other than temporarily impaired as we have the ability and intent to hold the securities to maturity or for a period of time sufficient for a forecasted market price recovery up to or above the cost of the investment and we are not required to sell the security for regulatory or other reasons.

Forward-looking statements regarding liquidity

Based upon our current portfolio, leverage and available borrowing arrangements, we believe that the net proceeds of our common equity offerings, preferred equity offerings, and private placements, combined with cash flow from operations and our available borrowing capacity will be sufficient to enable us to meet our anticipated liquidity requirements, including funding our investment activities, paying fees under our management agreement, funding our distributions to stockholders and paying general corporate expenses.

Contractual obligations

Management agreement

On June 29, 2011, we entered into an agreement with our Manager pursuant to which our Manager is entitled to receive a management fee and the reimbursement of certain expenses. The management fee is calculated and payable quarterly in arrears in an amount equal to 1.50% of our Stockholders’ Equity, per annum.

For purposes of calculating the management fee, “Stockholders’ Equity” means the sum of the net proceeds from any issuances of equity securities (including preferred securities) since inception (allocated on a pro rata daily basis for such issuances during the fiscal quarter of any such issuance, and excluding any future equity issuance to the Manager), plus our retained earnings at the end of such quarter (without taking into account any non-cash equity compensation expense or other non-cash items described below incurred in current or prior periods), less any amount that we pay for repurchases of our common stock, excluding any unrealized gains, losses or other non-cash items that have impacted stockholders’ equity as reported in our financial statements prepared in accordance with GAAP, regardless of whether such items are included in other comprehensive income or loss, or in net income, and excluding one-time events pursuant to changes in GAAP, and certain other non-cash charges after discussions between the Manager and our independent directors and after approval by a majority of our independent directors. Stockholders’ Equity, for purposes of calculating the management fee, could be greater or less than the amount of stockholders’ equity shown on our financial statements. For the three and six months ended June 30, 2018, we incurred management fees of approximately \$2.4 million and \$4.8 million, respectively. For the three and six months ended June 30, 2017, we incurred management fees of approximately \$2.4 million and \$4.9 million, respectively.

Our Manager uses the proceeds from its management fee in part to pay compensation to its officers and personnel, who, notwithstanding that certain of them also are our officers, receive no compensation directly from us. We are required to reimburse our Manager or its affiliates for operating expenses which are incurred by our Manager or its affiliates on our behalf, including certain salary expenses and other expenses relating to legal, accounting, due diligence and other services. Our reimbursement obligation is not subject to any contractual dollar limitation; however, the reimbursement is subject to an annual budget process which combines guidelines from the Management Agreement with oversight by our board of directors and discussions with our Manager. Of the \$3.5 million and \$6.7 million of Other operating expenses for the three and six months ended June 30, 2018, respectively, we have accrued \$1.7 million and \$3.5 million, respectively, representing a reimbursement of expenses. Of the \$2.8 million and \$5.6 million of Other operating expenses for the three and six months ended June 30, 2017, respectively, we have accrued \$1.7 million and \$3.4 million, respectively, representing a reimbursement of expenses.

Share-based compensation

Pursuant to the Manager Equity Incentive Plan and the Equity Incentive Plan, we can award up to 277,500 shares of common stock in the form of restricted stock, stock options, restricted stock units or other types of awards to our directors, officers, advisors, consultants and other personnel and to our Manager. As of June 30, 2018, 53,751 shares of common stock were available to be awarded under the equity incentive plans. Awards under the equity incentive plans are forfeitable until they become vested. An award will become vested only if the vesting conditions set forth in the applicable award agreement (as determined by the compensation committee) are satisfied. The vesting conditions may include performance of services for a specified period, achievement of performance goals, or a combination of both. The compensation committee also has the authority to provide for accelerated vesting of an award upon the occurrence of certain events in its discretion.

As of June 30, 2018, we have granted an aggregate of 63,499 and 40,250 shares of restricted common stock to our independent directors and Manager, respectively, and 120,000 restricted stock units to our Manager under our equity incentive plans. As of June 30, 2018, all the shares of restricted common stock granted to our Manager and independent directors have vested and 60,000 restricted stock units granted to our Manager have vested. The 60,000 restricted stock units that have not vested as of June 30, 2018 were granted to the Manager on July 1, 2017, and represent the right to receive an equivalent number of shares of our common stock if and when the units vest. Annual vesting of approximately 20,000 units will occur on each of July 1, 2018, July 1, 2019, and July 1, 2020. The units do not entitle the participant the rights of a holder of our common stock, such as dividend and voting rights, until shares are issued in settlement of the vested units. The vesting of such units is subject to the continuation of the management agreement. If the management agreement terminates, all unvested units then held by the Manager or the Manager's transferee shall be immediately cancelled and forfeited without consideration.

Commercial mortgage loans

On February 28, 2017, we, alongside a private fund under the management of Angelo, Gordon, purchased a mezzanine loan and agreed to fund a commitment of \$21.9 million. Our share of the commitment is \$14.6 million of which we had funded \$10.4 million as of June 30, 2018. As of June 30, 2018, our remaining commitment was \$4.2 million.

On June 8, 2018, we, alongside private funds under the management of Angelo, Gordon and other third parties, entered into a commitment to close on a commercial loan, subject to the satisfaction of certain conditions. Our share of the commitment is \$20.0 million. As of June 30, 2018, the conditions had not been met, the loan had not closed and we had not funded any of this commitment.

Mortgage Acquisition Trust I LLC

On August 29, 2017, we, alongside private funds under the management of Angelo, Gordon, formed MATH to conduct a residential mortgage investment strategy. MATH in turn sponsored the formation of MATT to purchase predominantly Non-QMs, which are residential mortgage loans that are not deemed "qualified mortgage," or "QM," loans under the rules of the CFPB. Non-QMs are not eligible for delivery to Fannie Mae, Freddie Mac, or Ginnie Mae. MATT is expected to make an election to be treated as a real estate investment trust beginning with the 2018 tax year. In furtherance of this business, MATH's sponsoring funds have agreed to provide up to \$75.0 million of capital to MATH, of which we agreed to provide \$33.4 million for use in this mortgage investment business. As of June 30, 2018, we had funded \$5.1 million of our total capital commitment and our outstanding commitment was \$28.3 million (net of any return of capital to us).

Variable funding note

On March 29, 2018, the Company alongside private funds under the management of Angelo, Gordon, purchased a variable funding note issued pursuant to an indenture. Our share of the total commitment to the variable funding note is \$7.1 million, of which we have funded \$4.8 million as of June 30, 2018. As of June 30, 2018, our remaining commitment was \$2.3 million.

Other

We have presented a table that details the contractual maturity of our financing arrangements at June 30, 2018 in the "Liquidity and capital resources" section for this Item 2. As of June 30, 2018 and December 31, 2017, we are obligated to pay accrued interest on our repurchase agreements in the amount of \$7.2 million and \$5.1 million, respectively, inclusive of accrued interest accounted for through investments in debt and equity of affiliates, and exclusive of accrued interest on any financing utilized through AG Arc. The change in accrued interest on our repurchase agreements resulted primarily from the increase in one month LIBOR from 1.564 at December 31, 2017 to 2.090 at June 30, 2018. As most of our financing arrangements have maturities of one month or less, the change in one-month LIBOR contributed to the increase in our accrued interest.

Off-balance sheet arrangements

We have entered into TBA positions to facilitate the future purchase or sale of Agency RMBS. We record TBA purchases and sales on the trade date and present the purchase or receipt net of the corresponding payable or receivable until the settlement date of the transaction. As of June 30, 2018, we had a net long TBA position with a net payable amount of \$166.4 million and fair market value of \$166.6 million. We recorded \$0.4 million and \$0.2 million, in the "Derivative assets, at fair value" and "Derivative liabilities, at fair value" line items, respectively, on our consolidated balance sheets.

Our investments in debt and equity of affiliates are primarily comprised of real estate securities, excess MSRs, loans, and our interest in AG Arc. Investments in debt and equity of affiliates are accounted for using the equity method of accounting. As of June 30, 2018, our real estate securities and loans, excess MSRs and interest in AG Arc had a fair market value of \$218.1 million, net of any non-recourse securitized debt. As of June 30, 2018, these investments, inclusive of associated repurchase agreements and interest receivable/payable had a fair market value of \$129.4 million which is included in the “Investments in debt and equity of affiliates” line item on our consolidated balance sheets.

We have committed to fund a \$14.6 million mezzanine loan. As of June 30, 2018 we have funded \$10.4 million, and our remaining commitment was \$4.2 million.

We have committed to invest up to \$33.4 million in MATT through our ownership of MATH. As of June 30, 2018, we had funded \$5.1 million of our total capital commitment and our outstanding commitment was \$28.3 million (net of any return of capital to us).

We have committed to invest up to \$7.1 million in the variable funding note. As of June 30, 2018, we had funded \$4.8 million of our total commitment and our outstanding commitment was \$2.3 million.

We have entered into a commitment to close on a \$20.0 million commercial loan, subject to the satisfaction of certain conditions. As of June 30, 2018, the conditions had not been met, the loan had not closed and we had not funded any of this commitment.

Management views our TBA position and our investments in debt and equity of affiliates as part of our investment portfolio. We do not expect these off-balance sheet arrangements, taken as a whole, to be significant to, or have a material impact on, our overall liquidity or capital resources or our operations.

Certain related person transactions

Our board of directors has adopted a policy regarding the approval of any “related person transaction,” which is any transaction or series of transactions in which (i) we or any of our subsidiaries is or are to be a participant, (ii) the amount involved exceeds \$120,000, and (iii) a “related person” (as defined under SEC rules) has a direct or indirect material interest. Under the policy, a related person would need to promptly disclose to our Secretary or Assistant Secretary any related person transaction and all material facts about the transaction. Our Secretary or Assistant Secretary, in consultation with outside counsel, to the extent appropriate, would then assess and promptly communicate that information to the audit committee of our board of directors. Based on its consideration of all of the relevant facts and circumstances, the audit committee will review, approve or ratify such transactions as appropriate. The audit committee will not approve or ratify a related person transaction unless it shall have determined that such transaction is in, or is not inconsistent with, our best interests and does not create a conflict of interest. If we become aware of an existing related person transaction that has not been approved under this policy, the transaction will be referred to the audit committee which will evaluate all options available, including ratification, revision or termination of such transaction. Our policy requires any director who may be interested in a related person transaction to recuse himself or herself from any consideration of such related person transaction.

Grants of restricted common stock

As of June 30, 2018, we have granted an aggregate of 63,499 and 40,250 shares of restricted common stock to our independent directors and Manager, respectively, and 120,000 shares of restricted stock units to our Manager under our equity incentive plans. As of June 30, 2018, all the shares of restricted common stock granted to our Manager and independent directors have vested and 60,000 restricted stock units granted to our Manager have vested.

Red Creek

In connection with our investments in residential loans and Securitized Whole Loans, we may engage asset managers to provide advisory, consultation, asset management and other services to help our third-party servicers formulate and implement strategic plans to manage, collect and dispose of loans in a manner that is reasonably expected to maximize the amount of proceeds from each loan. Beginning in November 2015, we engaged Red Creek Asset Management LLC (“Asset Manager”), an affiliate of the Manager and a direct subsidiary of Angelo, Gordon, as the asset manager for certain of our residential loans and Securitized Whole Loans. The Asset Manager acknowledges that we will at all times have and retain ownership of all loans and that the Asset Manager will not acquire (i) title to any loan, (ii) any security interest in any loan, or (iii) any other rights or interests of any kind or any nature whatsoever in or to any loan. We pay separate arm’s-length asset management fees, as assessed and confirmed periodically by a third-party valuation firm, for (i) non-performing loans and (ii) re-performing loans. For the three and six months ended June 30, 2018, the fees paid by us to the Asset Manager totaled \$73,790 and \$121,431, respectively. For the three and six months ended June 30, 2017, the fees paid by us to the Asset Manager totaled \$44,824 and \$95,290, respectively.

Arc Home

On December 9, 2015, we, alongside private funds under the management of Angelo, Gordon, through AG Arc, formed Arc Home, a Delaware limited liability company. Arc Home, through its subsidiary, originates conforming, Government, Jumbo and other non-conforming residential mortgage loans, retains the mortgage servicing rights associated with the loans it originates, and purchases additional mortgage servicing rights from third-party sellers. Our investment in Arc Home, which is conducted through AG Arc, one of our indirect subsidiaries, is reflected on the “Investments in debt and equity of affiliates” line item on our consolidated balance sheets and had a fair value of \$18.4 million and \$17.9 million on June 30, 2018 and December 31, 2017, respectively

Arc Home may sell loans to us or to affiliates of our Manager. Arc Home may also enter into agreements with us, third parties, or affiliates of our Manager to sell Excess MSR on the mortgage loans that it either purchases from third parties or originates. We have entered into agreements with Arc Home to purchase rights to receive the excess servicing spread related to certain of its MSRs and as of June 30, 2018, these Excess MSRs had fair value of approximately \$30.0 million.

In connection with our investments in Excess MSRs purchased through Arc Home, we pay a sourcing fee to Arc Home. For the three and six months ended June 30, 2018 the sourcing fees paid by us to Arc Home totaled \$57,747 and \$77,682, respectively. For the three and six months ended June 30, 2017 the sourcing fees paid by us to Arc Home totaled \$3,443.

Mortgage Acquisition Trust I LLC

On August 29, 2017, we, alongside private funds under the management of Angelo, Gordon entered into the MATH LLC Agreement, which requires that MATH fund a capital commitment of \$75.0 million to MATT. Our share of MATH’s total capital commitment to MATT is \$33.4 million, of which we had funded \$5.1 million as of June 30, 2018. As of June 30, 2018, our remaining commitment was \$28.3 million (net of any return of capital to us).

Management agreement

On June 29, 2011 we entered into a management agreement with our Manager, which governs the relationship between us and our Manager and describes the services to be provided by our Manager and its compensation for those services. The terms of our management agreement, including the fees payable by us to Angelo, Gordon, were not negotiated at arm’s length, and its terms may not be as favorable to us as if they had been negotiated with an unaffiliated party. Our Manager, pursuant to the delegation agreement dated as of June 29, 2011, has delegated to Angelo, Gordon the overall responsibility of its day-to-day duties and obligations arising under our management agreement. For further detail on the Management Agreement, see the “Contractual obligations–Management agreement” section of this Item 2.

Other transactions with affiliates

Our board of directors has adopted a policy regarding the approval of any “affiliated transaction,” which is any transaction or series of transactions in which Angelo, Gordon arranges for the purchase and sale of a security or other investment between or among us, on the one hand, and an entity or entities under Angelo, Gordon’s management, on the other hand (an “Affiliated Transaction”). In order for the Company to enter into an Affiliated Transaction, the Affiliated Transaction must be approved by the Chief Risk Officer of the Company and the Chief Compliance Officer of Angelo, Gordon. The price at which the security or investment is traded is the market price or market bid for such security or investment. Independent third-party valuations are used when market prices or bids are not available or prove to be impracticable to acquire. Our Affiliated Transactions are reviewed by our Audit Committee on a quarterly basis to confirm compliance with the policy.

In June 2016, in accordance with our Affiliated Transactions Policy, we executed two trades whereby we acquired real estate securities from two separate affiliates of the Manager (the “June Selling Affiliates”). As of the date of the trades, the securities acquired from the June Selling Affiliates had a total fair value of \$6.9 million. In each case, the June Selling Affiliates sold the real estate securities through a BWIC (Bids Wanted in Competition). Prior to the submission of the BWIC by the June Selling Affiliates, we submitted our bid for the real estate securities to the June Selling Affiliates. The pre-submission of our bid allowed us to confirm third-party market pricing and best execution.

In February 2017, in accordance with our Affiliated Transactions Policy, we executed one trade whereby we acquired a real estate security from an affiliate of the Manager (the “February Selling Affiliate”). As of the date of the trade, the security acquired from the February Selling Affiliate had a total fair value of \$2.0 million. The February Selling Affiliate sold the real estate security through a BWIC. Prior to the submission of the BWIC by the February Selling Affiliate, we submitted our bid for the real estate security to the February Selling Affiliate. the pre-submission of our bid allowed us to confirm third-party market pricing and best execution.

In July 2017, in accordance with our Affiliated Transactions Policy, we acquired certain real estate securities from an affiliate of the Manager (the “July Selling Affiliate”). As of the date of the trade, the securities acquired from the July Selling Affiliate had a total fair value of \$0.2 million. As procuring market bids for the real estate securities was determined to be impracticable in the Manager’s reasonable judgment, appropriate pricing was based on a valuation prepared by an independent third-party pricing vendor. The third-party pricing vendor allowed us to confirm third-party market pricing and best execution.

In October 2017, in accordance with our Affiliated Transactions Policy, we acquired certain real estate securities and loans from two separate affiliates of the Manager (the “October Selling Affiliates”). As of the date of the trade, the securities and loans acquired from the October Selling Affiliates had a total fair value of \$8.4 million. As procuring market bids for the real estate securities and loans was determined to be impracticable in the Manager’s reasonable judgment, appropriate pricing was based on a valuation prepared by independent third-party pricing vendors. The third-party pricing vendors allowed us to confirm third-party market pricing and best execution.

Critical accounting policies

Our consolidated financial statements are prepared in accordance with GAAP, which requires the use of estimates that involve the exercise of judgment and the use of assumptions as to future uncertainties. Our most critical accounting policies involve decisions and assessments that could affect our reported assets and liabilities, as well as our reported revenues and expenses. We believe that all of the decisions and assessments upon which our consolidated financial statements are based are reasonable at the time made and based upon information available to us at that time. We rely upon independent pricing of our assets at each quarter end to arrive at what we believe to be reasonable estimates of fair market value, whenever available. For more information on our fair value measurements, see Note 6 to the “Notes to Consolidated Financial Statements (unaudited).” For a review of our significant accounting policies and the recent accounting pronouncements that may impact our results of operations, see Note 2 to the “Notes to Consolidated Financial Statements (unaudited).”

Inflation

Virtually all of our assets and liabilities are interest rate sensitive in nature. As a result, interest rates and other factors influence our performance far more than inflation. Changes in interest rates do not necessarily correlate with inflation rates or changes in inflation rates.

Other matters

We intend to conduct our business so as to maintain our exempt status under, and not to become regulated as an investment company for purposes of the Investment Company Act. If we failed to maintain our exempt status under the Investment Company Act and became regulated as an investment company, our ability to, among other things, use leverage would be substantially reduced and, as a result, we would be unable to conduct our business as described in this report. Accordingly, we monitor our compliance with both the 55% Test and the 80% Test of the Investment Company Act in order to maintain our exempt status. As of December 31, 2017, we determined that we maintained compliance with both the 55% Test and the 80% Test requirements.

We calculate that at least 75% of our assets were real estate assets, cash and cash items and government securities for the year ended December 31, 2017. We also calculate that our revenue qualifies for the 75% gross income test and for the 95% gross income test rules for the year ended December 31, 2017. Overall, we believe that we met the REIT income and asset tests. We also believe that we met all other REIT requirements, including the ownership of our common stock and the distribution of our net income. Therefore, for the year ended December 31, 2017, we believe that we qualified as a REIT under the Code.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK.

The primary components of our market risk relate to interest rates, liquidity, prepayment rates and credit risk. While we do not seek to avoid risk completely, we seek to assume risk that can be quantified from historical experience and to actively manage that risk, to earn sufficient returns to justify taking those risks and to maintain capital levels consistent with the risks we undertake.

Interest rate risk

Interest rate risk is highly sensitive to many factors, including governmental monetary, fiscal and tax policies, domestic and international economic and political considerations and other factors beyond our control. We are subject to interest rate risk in connection with both our investments and the financing under our repurchase agreements. We generally seek to manage this risk by monitoring the reset index and the interest rate related to our target assets and our financings; by structuring our financing agreements to have a range of maturity terms, amortizations and interest rate adjustment periods; and by using hedging instruments to adjust interest rate sensitivity of our target assets and borrowings.

Interest rate effects on net interest income

Our operating results depend in large part upon differences between the yields earned on our investments and our cost of borrowing and upon the effectiveness of our interest rate hedging activities. The majority of our repurchase agreements are short term in nature with an initial term of between 30 and 90 days. The financing rate on these agreements will generally be determined at the outset of each transaction by reference to prevailing short-term rates plus a spread. As a result, our borrowing costs will tend to increase during periods of rising short-term interest rates as we renew, or “roll”, maturing transactions at the higher prevailing rates. When combined with the fact that the income we earn on our fixed interest rate investments will remain substantially unchanged, this will result in a narrowing of the net interest spread between the related assets and borrowings and may even result in losses. We have obtained term financing on certain borrowing arrangements. The financing on term facilities generally are fixed at the outset of each transaction by reference to a pre-determined interest rate plus a spread.

In an attempt to offset the increase in funding costs related to rising short term interest rates, our Manager enters into hedging transactions structured to provide us with positive cash flow in the event short term interest rates rise. Our Manager accomplishes this through the use of interest rate derivatives. Some hedging strategies involving the use of derivatives are highly complex, may produce volatile returns and may expose us to increased risks relating to counterparty defaults.

Interest rate effects on fair value

Another component of interest rate risk is the effect that changes in interest rates will have on the market value of the assets that we acquire.

Generally, in a rising interest rate environment, the fair value of our real estate securities and loan portfolios would be expected to decrease, all other factors being held constant. In particular, the portion of our real estate securities and loan portfolios with fixed-rate coupons would be expected to decrease in value more severely than that portion with a floating-rate coupon. This is because fixed-rate coupon assets tend to have significantly more duration or price sensitivity to changes in interest rates, than floating-rate coupon assets. Fixed-rate assets currently comprise a majority of our portfolio.

The fair value of our investment portfolio could change at a different rate than the fair value of our liabilities when interest rates change. We measure the sensitivity of our portfolio to changes in interest rates by estimating the duration of our assets and liabilities. Duration is the approximate percentage change in fair value for a 100 basis point parallel shift in the yield curve. In general, our assets have higher duration than our liabilities. In order to reduce this exposure we use hedging instruments to reduce the gap in duration between our assets and liabilities.

We calculate estimated effective duration (i.e., the price sensitivity to changes in risk-free interest rates) to measure the impact of changes in interest rates on portfolio value. We estimate duration based on third-party models. Different models and methodologies can produce different effective duration estimates for the same securities. We allocate the net duration by asset type based on the interest rate sensitivity.

The following chart details information about our duration gap as of June 30, 2018:

Duration*	Years
Agency RMBS	2.93
Hedges	(2.95)
Agency RMBS Gap Subtotal	(0.02)
Credit Investments	1.10
Duration Gap	1.08

*Duration related to repurchase agreements is netted within its respective Agency RMBS and Credit Investments line items

The following table quantifies the estimated changes in net interest income, GAAP equity, and the market value of our assets should interest rates go up or down by 25, 50 and 75 basis points, assuming (i) the yield curves of the rate shocks will be parallel to each other and the current yield curve and (ii) all other market risk factors remain constant. These estimates were compiled using a combination of third-party services and models, market data and internal models. All changes in income and equity are measured as percentage changes from the projected net interest income and GAAP equity from our base interest rate scenario. The base interest rate scenario assumes spot and forward interest rates, which existed as of June 30, 2018. Actual results could differ materially from these estimates.

Agency RMBS assumptions attempt to predict default and prepayment activity at projected interest rate levels. To the extent that these estimates or other assumptions do not hold true, actual results will likely differ materially from projections and could be larger or smaller than the estimates in the table below. Moreover, if different models were employed in the analysis, materially different projections could result. In addition, while the table below reflects the estimated impact of interest rate increases and decreases on a static portfolio as of June 30, 2018, our Manager may from time to time sell any of our investments as a part of the overall management of our investment portfolio.

Change in Interest Rates (basis points) (1)(2)	Change in Market Value as a Percentage of GAAP Equity	Change in Market Value as a Percentage of Assets	Percentage Change in Projected Net Interest Income (3)
+75	-5.3%	-1.0%	-1.6%
+50	-3.4%	-0.7%	-1.0%
+25	-1.6%	-0.3%	-0.5%
-25	1.3%	0.3%	0.5%
-50	2.1%	0.4%	0.8%
-75	2.3%	0.5%	1.0%

(1) Includes investments held through affiliated entities that are reported as “Investments in debt and equity of affiliates” on our consolidated balance sheet, but excludes AG Arc.

(2) Does not include cash investments, which typically have overnight maturities and are not expected to change in value as interest rates change.

(3) Interest income includes trades settled as of June 30, 2018.

The information set forth in the interest rate sensitivity table above and all related disclosures constitute forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act. Actual results could differ significantly from those estimated in the foregoing interest rate sensitivity table.

Liquidity risk

Our primary liquidity risk arises from financing long-maturity assets with shorter-term borrowing primarily in the form of repurchase agreements.

Liquidity risk – repurchase agreements

We pledge real estate securities or mortgage loans and cash as collateral to secure our repurchase transactions. Should the fair value of our real estate securities or mortgage loans pledged as collateral decrease (as a result of rising interest rates, changes in prepayment speeds, widening of credit spreads or otherwise), we will likely be subject to margin calls for additional collateral from our financing counterparties. Should the fair value of our real estate securities or mortgage loans decrease materially and suddenly, margin calls will likely increase causing an adverse change to our liquidity position which could result in substantial losses. In addition, we cannot be assured that we will always be able to roll our repurchase transactions at their scheduled maturities which could cause material additional harm to our liquidity position and result in substantial losses. Further, should funding conditions tighten as they did in 2007 - 2009, our repurchase agreement counterparties may increase our margin requirements on new financings, including repurchase transactions that we roll at maturity with the same counterparty, which would require us to post additional collateral and would reduce our ability to use leverage and could potentially cause us to incur substantial losses.

Liquidity risk - derivatives

The terms of our interest rate swaps and futures require us to post collateral in the form of cash or Agency RMBS to our counterparties to satisfy two types of margin requirements: variation margin and initial margin.

We and our swap and futures counterparties are both required to post variation margin to each other depending upon the daily moves in prevailing benchmark interest rates. The amount of this variation margin is derived from the mark to market valuation of our swaps or futures. Hence, as our swaps or futures lose value in a falling interest rate environment, we are required to post additional variation margin to our counterparties on a daily basis; conversely, as our swaps or futures gain value in a rising interest rate environment, we are able to recall variation margin from our counterparties. By recalling variation margin from our swap or futures counterparties, we are able to partially mitigate the liquidity risk created by margin calls on our repurchase transactions during periods of rising interest rates.

Initial margin works differently. Collateral posted to meet initial margin requirements is intended to create a safety buffer to benefit our counterparties if we were to default on our payment obligations under the terms of the swap or futures and our counterparties were forced to unwind the swap or futures. For trades executed on a bilateral basis, the initial margin is set at the outset of each trade as a fixed percentage of the notional amount of the trade. This means that once we post initial margin at the outset of a bilateral trade, we will have no further posting obligations as it pertains to initial margin. However, the initial margin on our centrally cleared trades varies from day to day depending upon various factors, including the absolute level of interest rates and the implied volatility of interest rates. There is a distinctly positive correlation between initial margin, on the one hand, and the absolute level of interest rates and implied volatility of interest rates, on the other hand. As a result, in times of rising interest rates or increasing rate volatility, we anticipate that the initial margin required on our centrally-cleared trades will likewise increase, potentially by a substantial amount. These margin increases will have a negative impact on our liquidity position and will likely impair the intended liquidity risk mitigation effect of our swaps and futures discussed above.

Our TBA dollar roll contracts are also subject to margin requirements governed by the Mortgage-Backed Securities Division (“MBSD”) of the Fixed Income Clearing Corporation and by our prime brokerage agreements, which may establish margin levels in excess of the MBSD. Such provisions require that we establish an initial margin based on the notional value of the TBA contract, which is subject to increase if the estimated fair value of our TBA contract or the estimated fair value of our pledged collateral declines. The MBSD has the sole discretion to determine the value of our TBA contracts and of the pledged collateral securing such contracts. In the event of a margin call, we must generally provide additional collateral, either securities or cash, on the same business day.

Our Manager seeks to mitigate our liquidity risks by maintaining a prudent level of leverage, monitoring our liquidity position on a daily basis and maintaining a substantial cushion of cash and unpledged real estate securities and loans in our portfolio in order to meet future margin calls. In addition, our Manager seeks to further mitigate our liquidity risk by (i) diversifying our exposure across a broad number of financing counterparties, (ii) limiting our exposure to any single financing counterparty and (iii) monitoring the ongoing financial stability of our financing counterparties.

Prepayment risk

Premiums arise when we acquire real estate assets at a price in excess of the principal balance of the mortgages securing such assets (i.e., par value). Conversely, discounts arise when we acquire assets at a price below the principal balance of the mortgages securing such assets. Premiums paid on our assets are amortized against interest income and accretable purchase discounts on our assets are accreted to interest income. Purchase premiums on our assets, which are primarily carried on our Agency RMBS, are amortized against interest income over the life of each respective asset using the effective yield method, adjusted for actual prepayment activity. An increase in the prepayment rate, as measured by the CPR, will typically accelerate the amortization of purchase premiums, thereby reducing the yield or interest income earned on such assets. Generally, if prepayments on our Non-Agency RMBS or mortgage loans are less than anticipated, we expect that the income recognized on such assets would be reduced due to the slower accretion of purchase discounts, and impairments could result.

As further discussed in Note 2 of the “Notes to Consolidated Financial Statements (unaudited),” differences between previously estimated cash flows and current actual and anticipated cash flows caused by changes to prepayment or other assumptions are adjusted retrospectively through a “catch up” adjustment for the impact of the cumulative change in the effective yield through the reporting date for securities accounted for under ASC 320-10 (generally, Agency RMBS) or adjusted prospectively through an adjustment of the yield over the remaining life of the investment for investments accounted for under ASC 325-40 (generally, Non-Agency RMBS, ABS, CMBS and interest-only securities) and mortgage loans accounted for under ASC 310-30.

In addition, our interest rate hedges are structured in part based upon assumed levels of future prepayments within our real estate securities or mortgage loan portfolio. If prepayments are slower or faster than assumed, the life of the real estate securities or mortgage loans will be longer or shorter than assumed, respectively, which could reduce the effectiveness of our Manager’s hedging strategies and may cause losses on such transactions.

Our Manager seeks to mitigate our prepayment risk by investing in real estate assets with a variety of prepayment characteristics as well as by attempting to maintain in our portfolio a mix of assets purchased at a premium with assets purchased at a discount.

Real estate value risk

Residential and commercial property values are subject to volatility and may be affected adversely by a number of factors outside of our control, including, but not limited to, national, regional and local economic conditions (which may be adversely affected by industry slowdowns and other factors); local real estate conditions (such as an oversupply of housing or commercial real estate); construction quality, age and design; demographic factors; and retroactive changes to building or similar codes. Decreases in property values reduce the value of the collateral underlying our RMBS and CMBS portfolios as well as the potential sale proceeds available to repay our loans in the event of a default. In addition, substantial decreases in property values can increase the rate of strategic defaults by residential mortgage borrowers which can impact and create significant uncertainty in the recovery of principal and interest on our investments.

Credit risk

Although we expect to encounter only de minimis credit risk in our Agency RMBS portfolio, we are exposed to the risk of potential credit losses from an unanticipated increase in borrower defaults as well as general credit spread widening on any Non-Agency assets in our portfolio, including residential and commercial mortgage loans as well as Non-Agency RMBS, ABS and CMBS. We seek to manage this risk through our Manager’s pre-acquisition due diligence process and, if available, through the use of non-recourse financing, which limits our exposure to credit losses to the specific pool of collateral which is the subject of the non-recourse financing. Our Manager’s pre-acquisition due diligence process includes the evaluation of, among other things, relative valuation, supply and demand trends, the shape of various yield curves, prepayment rates, delinquency and default rates, recovery of various sectors and vintage of collateral.

Basis risk

Basis risk refers to the possible decline in our book value triggered by the risk of incurring losses on the fair value of our Agency RMBS as a result of widening market spreads between the yields on our Agency RMBS and the yields on comparable duration Treasury securities. The basis risk associated with fluctuations in fair value of our Agency RMBS may relate to factors impacting the mortgage and fixed income markets other than changes in benchmark interest rates, such as actual or anticipated monetary policy actions by the Federal Reserve, market liquidity, or changes in required rates of return on different assets. Consequently, while we use interest rate swaps and other hedges to protect against moves in interest rates, such instruments will generally not protect our net book value against basis risk.

ITEM 4. CONTROLS AND PROCEDURES.

Our management is responsible for establishing and maintaining disclosure controls and procedures that are designed to ensure that information the Company is required to disclose in the reports that it files or submits under the Securities Exchange Act of 1934, as amended (the “Exchange Act”) is recorded, processed, summarized and reported, within the time periods specified in the SEC’s rules and forms. Disclosure controls and procedures include controls and procedures designed to ensure that the Company’s management, including its principal executive officer and principal financial officer, as appropriate, allow for timely decisions regarding required disclosure.

We have evaluated, with the participation of our principal executive officer and principal financial officer, the effectiveness of our disclosure controls and procedures as of June 30, 2018. There are inherent limitations to the effectiveness of any system of disclosure controls and procedures, including the possibility of human error and the circumvention or overriding of the controls and procedures. Accordingly, even effective disclosure controls and procedures can only provide reasonable assurance of achieving their control objectives. Based upon our evaluation, our principal executive officer and principal financial officer concluded that our disclosure controls and procedures were effective to provide reasonable assurance that information required to be disclosed by us in the reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the applicable rules and forms, and that it is accumulated and communicated to our management, including our principal executive officer and principal financial officer, as appropriate to allow for timely decisions regarding required disclosure.

No change occurred in our internal control over financial reporting (as defined in Rule 13a-15(f) and 15d-15(f) of the Exchange Act) during the period covered by this quarterly report that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II — OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS.

We are at times subject to various legal proceedings arising in the ordinary course of business. In addition, in the ordinary course of business, we can be and are involved in governmental and regulatory examinations, information gathering requests, investigations and proceedings. As of the date of this report, we are not party to any litigation or legal proceedings, or to our knowledge, any threatened litigation or legal proceedings, which we believe, individually or in the aggregate, would have a material adverse effect on our results of operations or financial condition.

ITEM 1A. RISK FACTORS.

Refer to the risks identified under the caption “Risk Factors”, in our Annual Report on Form 10-K for the year ended December 31, 2017 and our subsequent filings, which are available on the Securities and Exchange Commission’s website at www.sec.gov, and in the “Forward-Looking Statements” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations” sections herein.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS.

None.

ITEM 3. DEFAULTS UPON SENIOR SECURITIES.

None.

ITEM 4. MINE SAFETY DISCLOSURES

None.

ITEM 5. OTHER INFORMATION.

None.

ITEM 6. EXHIBITS.

Exhibit No.	Description
<u>*3.1</u>	<u>Articles of Amendment and Restatement of AG Mortgage Investment Trust, Inc., incorporated by reference to Exhibit 3.1 of Amendment No. 2 to our Registration Statement on Form S-11, filed with the Securities and Exchange Commission on April 18, 2011 (“Pre-Effective Amendment No. 2”).</u>
<u>*3.2</u>	<u>Articles of Amendment to Articles of Amendment and Restatement of AG Mortgage Investment Trust, Inc., incorporated by reference to Exhibit 3.1 of Form 8-K, filed with the Securities and Exchange Commission on May 5, 2017.</u>
<u>*3.3</u>	<u>Amended and Restated Bylaws of AG Mortgage Investment Trust, Inc., incorporated by reference to Exhibit 3.1 of Pre-Effective Amendment No. 2.</u>
<u>*3.4</u>	<u>Articles Supplementary of 8.25% Series A Cumulative Redeemable Preferred Stock, incorporated by reference to Exhibit 3.1 of Form 8-K, filed with the Securities and Exchange Commission on August 2, 2012.</u>
<u>*3.5</u>	<u>Articles Supplementary of 8.00% Series B Cumulative Redeemable Preferred Stock, incorporated by reference to Exhibit 3.1 of Form 8-K, filed with the Securities and Exchange Commission on September 24, 2012.</u>
<u>*4.1</u>	<u>Specimen Stock Certificate of AG Mortgage Investment Trust, Inc., incorporated by reference to Exhibit 4.1 of Pre-Effective Amendment No. 2.</u>
<u>*4.2</u>	<u>Specimen 8.25% Series A Cumulative Redeemable Preferred Stock Certificate, incorporated by reference to Exhibit 4.1 of Form 8-K, filed with the Securities and Exchange Commission on August 2, 2012.</u>
<u>*4.3</u>	<u>Specimen 8.00% Series B Cumulative Redeemable Preferred Stock Certificate, incorporated by reference to Exhibit 4.1 of Form 8-K, filed with the Securities and Exchange Commission on September 24, 2012.</u>
<u>*10.1</u>	<u>Form of Registration Rights Agreement by and between the Company and the purchasers of units and shares in the private placement, dated June 29, 2011, incorporated by reference to Exhibit 10.1 of Amendment No. 7 to our Registration Statement on Form S-11, filed with the Securities and Exchange Commission on June 29, 2011 (“Pre-Effective Amendment No. 7”).</u>
<u>*10.2</u>	<u>Form of Management Agreement, dated June 29, 2011 by and between the Company and AG REIT Management, LLC, incorporated by reference to Exhibit 10.3 of Amendment No. 3 to our Registration Statement on Form S-11, filed with the Securities and Exchange Commission on April 25, 2011.**</u>
<u>*10.3</u>	<u>Equity Incentive Plan, dated July 6, 2011, incorporated by reference to Exhibit 10.4 of Pre-Effective Amendment No. 2.**</u>
<u>*10.4</u>	<u>Manager Equity Incentive Plan, dated July 6, 2011, incorporated by reference to Exhibit 10.5 of Pre-Effective Amendment No. 2.**</u>
<u>*10.5</u>	<u>Form of Equity Incentive Plan Restricted Stock Award Agreement, dated July 6, 2011, incorporated by reference to Exhibit 10.6 of Pre-Effective Amendment No. 2.**</u>
<u>*10.6</u>	<u>Form of Manager Equity Incentive Plan Restricted Stock Award Agreement, dated July 6, 2011, incorporated by reference to Exhibit 10.7 of Pre-Effective Amendment No. 2.**</u>
<u>*10.7</u>	<u>Form of Indemnification Agreement, dated July 6, 2011, by and between the Company and the Company’s directors and officers, incorporated by reference to Exhibit 10.10 of Pre-Effective Amendment No. 7.</u>
<u>*10.8</u>	<u>Amended and Restated Master Repurchase and Securities Contract dated as of April 12, 2013 between AG MIT, LLC, AG Mortgage Investment Trust, Inc. and Wells Fargo Bank, National Association, incorporated by reference to Exhibit 99.1 of Form 8-K, filed with the Securities and Exchange Commission on April 15, 2013.</u>
<u>*10.9</u>	<u>Guarantee Agreement dated as of April 9, 2012 by AG Mortgage Invest Trust, Inc. in favor of Wells Fargo Bank, National Association, incorporated by reference to Exhibit 99.2 of Form 8-K, filed with the Securities and Exchange Commission on April 10, 2012.</u>
<u>*10.10</u>	<u>Amended and Restated Master Repurchase and Securities Contract dated as of February 11, 2014 between AG MIT WFB1 2014 LLC and Wells Fargo Bank, National Association, incorporated by reference to Exhibit 99.1 of Form 8-K, filed with the Securities and Exchange Commission on February 21, 2014.</u>

<u>*10.11</u>	<u>Guarantee Agreement dated as of February 11, 2014 by AG MIT, LLC and AG Mortgage Invest Trust, Inc. in favor of Wells Fargo Bank, National Association, incorporated by reference to Exhibit 99.2 of Form 8-K, filed with the Securities and Exchange Commission on February 21, 2014.</u>
<u>*10.12</u>	<u>Master Repurchase and Securities Contract dated as of September 17, 2014, as amended by Omnibus Amendment No.1, dated as of August 4, 2015, between AG MIT CREL LLC and Wells Fargo Bank, National Association, incorporated by reference to Exhibit 99.1 of Form 8-K, filed with the Securities and Exchange Commission on September 18, 2014.</u>
<u>*10.13</u>	<u>Guarantee Agreement dated as of September 17, 2014 as amended by Omnibus Amendment No.1, dated as of August 4, 2015, by AG MIT, LLC and AG Mortgage Investment Trust, Inc. in favor of Wells Fargo Bank, National Association, incorporated by reference to Exhibit 99.2 of Form 8-K, filed with the Securities and Exchange Commission on September 18, 2014.</u>
<u>*10.14</u>	<u>Form of Restricted Stock Unit Award Agreement, dated July 1, 2014, incorporated by reference to Exhibit 10.14 on Form 10-Q, filed with the Securities and Exchange Commission on November 6, 2014.**</u>
<u>*10.15</u>	<u>Omnibus Amendment No.1 to Master Repurchase and Securities Contract, Guarantee Agreement and Fee and Pricing Letter dated as of August 4, 2015 between AG MIT CREL, LLC and Wells Fargo Bank, National Association, incorporated by reference to Exhibit 10.15 of Form 10-Q, filed with the Securities and Exchange Commission on August 6, 2015.</u>
<u>*10.16</u>	<u>Form of Restricted Stock Unit Award Agreement, dated July 1, 2017, incorporated by reference to Exhibit 10.14 on Form 10-Q, filed with the Securities and Exchange Commission on August 9, 2017.**</u>
<u>*10.17</u>	<u>Amendment No. 1 to the Equity Distribution Agreement, dated May 22, 2018, by and among the Company and JPM Securities LLC, incorporated by reference to Exhibit 1.1 of Form 8-K, filed with the Securities and Exchange Commission on May 22, 2018.</u>
<u>*10.18</u>	<u>Amendment No. 1 to the Equity Distribution Agreement, dated May 22, 2018, by and among the Company and Credit Suisse Securities (USA) LLC, incorporated by reference to Exhibit 1.2 of Form 8-K, filed with the Securities and Exchange Commission on May 22, 2018.</u>
<u>*10.19</u>	<u>Amendment Number 7 to the Master Repurchase and Securities Contract dated as of and effective as of February 18, 2014 between AG MIT WFB1 2014 LLC and Wells Fargo Bank, National Association, incorporated by reference to Exhibit 10.1 of Form 8-K, filed with the Securities and Exchange Commission on June 25, 2018.</u>
<u>31.1</u>	<u>Certification of David N. Roberts pursuant to Rule 13a-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.</u>
<u>31.2</u>	<u>Certification of Brian C. Sigman pursuant to Rule 13a-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.</u>
<u>32.1</u>	<u>Certification of David N. Roberts pursuant to Rule 13a-14(b) and 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.</u>
<u>32.2</u>	<u>Certification of Brian C. Sigman pursuant to Rule 13a-14(b) and 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.</u>
101.INS	XBRL Instance Document
101.SCH	XBRL Taxonomy Extension Schema Document
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document
101.LAB	XBRL Taxonomy Extension Label Linkbase Document
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document
*	Fully or partly previously filed.
**	Management contract or compensatory plan or arrangement.

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 thereunto duly authorized.

AG MORTGAGE INVESTMENT TRUST, INC.

August 7, 2018

By: /s/ David N. Roberts
David N. Roberts
Chief Executive Officer (principal executive officer)

August 7, 2018

By: /s/ Brian C. Sigman
Brian C. Sigman
Chief Financial Officer and Treasurer (principal financial officer and principal accounting officer)

EXHIBIT 31.1

I, David N. Roberts, certify that:

1. I have reviewed this quarterly report on Form 10-Q of AG Mortgage Investment Trust, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 7, 2018

/s/ David N. Roberts

David N. Roberts
Chief Executive Officer

EXHIBIT 31.2

I, Brian C. Sigman, certify that:

1. I have reviewed this quarterly report on Form 10-Q of AG Mortgage Investment Trust, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 7, 2018

/s/ Brian C. Sigman

Brian C. Sigman
Chief Financial Officer and
Treasurer

EXHIBIT 32.1

**CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350 AS ADOPTED
PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report on Form 10-Q of AG Mortgage Investment Trust, Inc. (the "Company") for the quarterly period ended June 30, 2018 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, David N. Roberts, Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, 18 U.S.C. Section 1350, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company at the dates of, and for the periods covered by, the Report.

It is not intended that this statement be deemed to be filed for purposes of the Securities Exchange Act of 1934.

/s/ David N. Roberts

David N. Roberts
Chief Executive Officer
August 7, 2018

EXHIBIT 32.2

**CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350 AS ADOPTED
PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report on Form 10-Q of AG Mortgage Investment Trust, Inc. (the "Company") for the quarterly period ended June 30, 2018 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Brian C. Sigman, Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, 18 U.S.C. Section 1350, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company at the dates of, and for the periods covered by, the Report.

It is not intended that this statement be deemed to be filed for purposes of the Securities Exchange Act of 1934.

/s/ Brian C. Sigman

Brian C. Sigman

Chief Financial Officer and

Treasurer

August 7, 2018
