

PennyMac Mortgage Investment Trust
Form 10-Q
May 06, 2016
[Table of Contents](#)

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 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 March 31, 2016

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: 001-34416

PennyMac Mortgage Investment Trust
(Exact name of registrant as specified in its charter)

<p>Maryland (State or other jurisdiction of incorporation or organization)</p> <p>6101 Condor Drive, Moorpark, California (Address of principal executive offices) (818) 224-7442 (Registrant's telephone number, including area code)</p>	<p>27-0186273 (IRS Employer Identification No.)</p> <p>93021 (Zip Code)</p>
--	---

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 Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) 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, or a smaller reporting company. See the definitions of "large accelerated filer", "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act (Check one):

Large accelerated filer ☒ Accelerated filer ☐

Non-accelerated filer ☐ (Do not check if a smaller reporting company) Smaller reporting company ☐

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

Indicate the number of shares outstanding of each of the registrant's classes of common stock, as of the latest practicable date.

<p>Class Common Shares of Beneficial Interest, \$0.01 par value</p>	<p>Outstanding at May 4, 2016 68,587,094</p>
--	---

Table of Contents

PENNYMAC MORTGAGE INVESTMENT TRUST

FORM 10-Q

March 31, 2016

TABLE OF CONTENTS

	Page
<u>Special Note Regarding Forward-Looking Statements</u>	1
<u>PART I. FINANCIAL INFORMATION</u>	4
Item 1. <u>Financial Statements (Unaudited):</u>	4
<u>Consolidated Balance Sheets</u>	4
<u>Consolidated Statements of Income</u>	6
<u>Consolidated Statements of Changes in Shareholders' Equity</u>	7
<u>Consolidated Statements of Cash Flows</u>	8
<u>Notes to Consolidated Financial Statements</u>	10
Item 2. <u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u>	53
<u>Observations on Current Market Conditions</u>	54
<u>Results of Operations</u>	56
<u>Net Investment Income</u>	57
<u>Expenses</u>	71
<u>Balance Sheet Analysis</u>	74
<u>Asset Acquisitions</u>	75
<u>Investment Portfolio Composition</u>	76
<u>Cash Flows</u>	82
<u>Liquidity and Capital Resources</u>	83
<u>Off-Balance Sheet Arrangements and Aggregate Contractual Obligations</u>	85
<u>Quantitative and Qualitative Disclosures About Market Risk</u>	92
Item 3. <u>Quantitative and Qualitative Disclosures About Market Risk</u>	94
Item 4. <u>Controls and Procedures</u>	94
<u>PART II. OTHER INFORMATION</u>	95
Item 1. <u>Legal Proceedings</u>	95
Item 1A. <u>Risk Factors</u>	95
Item 2. <u>Unregistered Sales of Equity Securities and Use of Proceeds</u>	95
Item 3. <u>Defaults Upon Senior Securities</u>	95
Item 4. <u>Mine Safety Disclosures</u>	95
Item 5. <u>Other Information</u>	95
Item 6. <u>Exhibits</u>	96

Table of Contents

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This Quarterly Report on Form 10-Q (Report) contains certain forward-looking statements that are subject to various risks and uncertainties. Forward-looking statements are generally identifiable by use of forward-looking terminology such as may, will, should, potential, intend, expect, seek, anticipate, estimate, approximately, be predict, continue, plan or other similar words or expressions.

Forward-looking statements are based on certain assumptions, discuss future expectations, describe future plans and strategies, contain financial and operating projections or state other forward-looking information. Examples of forward-looking statements include the following:

projections of our revenues, income, earnings per share, capital structure or other financial items;

descriptions of our plans or objectives for future operations, products or services;

forecasts of our future economic performance, interest rates, profit margins and our share of future markets; and

descriptions of assumptions underlying or relating to any of the foregoing expectations regarding the timing of generating any revenues.

Our ability to predict results or the actual effect of future events, actions, plans or strategies is inherently uncertain. Although we believe that the expectations reflected in such forward-looking statements are based on reasonable assumptions, our actual results and performance could differ materially from those set forth in the forward-looking statements. There are a number of factors, many of which are beyond our control that could cause actual results to differ significantly from management's expectations. Some of these factors are discussed below.

You should not place undue reliance on any forward-looking statement and should consider the following uncertainties and risks, as well as the risks and uncertainties discussed elsewhere in this Report and the section entitled Risk Factors in our Annual Report on Form 10-K for the year ended December 31, 2015, filed with the SEC on February 29, 2016.

Factors that could cause actual results to differ materially from historical results or those anticipated include, but are not limited to:

changes in our investment objectives or investment or operational strategies, including any new lines of business or new products and services that may subject us to additional risks;

volatility in our industry, the debt or equity markets, the general economy or the real estate finance and real estate markets specifically, whether the result of market events or otherwise;

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

events or circumstances which undermine confidence in the financial markets or otherwise have a broad impact on financial markets, such as the sudden instability or collapse of large depository institutions or other significant corporations, terrorist attacks, natural or man-made disasters, or threatened or actual armed conflicts;

changes in general business, economic, market, employment and political conditions, or in consumer confidence and spending habits from those expected;

declines in real estate or significant changes in U.S. housing prices or activity in the U.S. housing market;

the availability of, and level of competition for, attractive risk-adjusted investment opportunities in mortgage loans and mortgage-related assets that satisfy our investment objectives;

the inherent difficulty in winning bids to acquire mortgage loans, and our success in doing so;

the concentration of credit risks to which we are exposed;

the degree and nature of our competition;

our dependence on our manager and servicer, potential conflicts of interest with such entities and their affiliates, and the performance of such entities;

changes in personnel and lack of availability of qualified personnel at our manager, servicer or their affiliates;

the availability, terms and deployment of short-term and long-term capital;

the adequacy of our cash reserves and working capital;

our ability to maintain the desired relationship between our financing and the interest rates and maturities of our assets;

Table of Contents

the timing and amount of cash flows, if any, from our investments;

unanticipated increases or volatility in financing and other costs, including a rise in interest rates;

the performance, financial condition and liquidity of borrowers;

the ability of our servicer, which also provides us with fulfillment services, to approve and monitor correspondent sellers and underwrite loans to investor standards;

incomplete or inaccurate information or documentation provided by customers or counterparties, or adverse changes in the financial condition of our customers and counterparties;

our indemnification and repurchase obligations in connection with mortgage loans we purchase and later sell or securitize;

the quality and enforceability of the collateral documentation evidencing our ownership and rights in the assets in which we invest;

increased rates of delinquency, default and/or decreased recovery rates on our investments;

our ability to foreclose on our investments in a timely manner or at all;

increased prepayments of the mortgages and other loans underlying our mortgage-backed securities (MBS) or relating to our mortgage servicing rights (MSR), excess servicing spread (ESS) and other investments;

the degree to which our hedging strategies may or may not protect us from interest rate volatility;

the effect of the accuracy of or changes in the estimates we make about uncertainties, contingencies and asset and liability valuations when measuring and reporting upon our financial condition and results of operations;

our failure to maintain appropriate internal controls over financial reporting;

technologies for loans and our ability to mitigate security risks and cyber intrusions;

our ability to obtain and/or maintain licenses and other approvals in those jurisdictions where required to conduct our business;

our ability to detect misconduct and fraud;

our ability to comply with various federal, state and local laws and regulations that govern our business;

developments in the secondary markets for our mortgage loan products;

legislative and regulatory changes that impact the mortgage loan industry or housing market;

changes in regulations or the occurrence of other events that impact the business, operations or prospects of government agencies such as the Government National Mortgage Association (Ginnie Mae), the Federal Housing Administration (the FHA) or the Veterans Administration (the VA), the U.S. Department of Agriculture (USDA), or government-sponsored entities such as the Federal National Mortgage Association (Fannie Mae) or the Federal Home Loan Mortgage Corporation (Freddie Mac) (Fannie Mae, Freddie Mac and Ginnie Mae are each referred to as an Agency and, collectively, as the Agencies), or such changes that increase the cost of doing business with such entities;

the Dodd-Frank Wall Street Reform and Consumer Protection Act (the Dodd-Frank Act) and its implementing regulations and regulatory agencies, and any other legislative and regulatory changes that impact the business, operations or governance of mortgage lenders and/or publicly-traded companies;

the Consumer Financial Protection Bureau (CFPB) and its issued and future rules and the enforcement thereof;

changes in government support of homeownership;

changes in government or government-sponsored home affordability programs;

limitations imposed on our business and our ability to satisfy complex rules for us to qualify as a real estate investment trust (REIT) for U.S. federal income tax purposes and qualify for an exclusion from the Investment Company Act of 1940 (the Investment Company Act) and the ability of certain of our subsidiaries to qualify as REITs or as taxable REIT subsidiaries (TRSs) for U.S. federal income tax purposes, as applicable, and our ability and the ability of our subsidiaries to operate effectively within the limitations imposed by these rules;

changes in governmental regulations, accounting treatment, tax rates and similar matters (including changes to laws governing the taxation of REITs, or the exclusions from registration as an investment company);

Table of Contents

our ability to make distributions to our shareholders in the future;

the effect of public opinion on our reputation;

the occurrence of natural disasters or other events or circumstances that could impact our operations;
and

our organizational structure and certain requirements in our charter documents.

Other factors that could also cause results to differ from our expectations may not be described in this Report or any other document. Each of these factors could by itself, or together with one or more other factors, adversely affect our business, results of operations and/or financial condition.

Forward-looking statements speak only as of the date they are made, and we undertake no obligation to update any forward-looking statement to reflect the impact of circumstances or events that arise after the date the forward-looking statement was made.

Table of Contents**PART I. FINANCIAL INFORMATION****Item 1. Financial Statements****PENNYMAC MORTGAGE INVESTMENT TRUST AND SUBSIDIARIES****CONSOLIDATED BALANCE SHEETS (UNAUDITED)**

	March 31, 2016	December 31, 2015
	(in thousands, except share amounts)	
ASSETS		
Cash	\$ 66,972	\$ 58,108
Short-term investments	47,500	41,865
Mortgage-backed securities at fair value pledged to creditors	364,439	322,473
Mortgage loans acquired for sale at fair value (includes \$1,310,418 and \$1,268,455 pledged to creditors, respectively)	1,339,633	1,283,795
Mortgage loans at fair value (includes \$2,014,446 and \$2,201,513 pledged to creditors, respectively)	2,496,778	2,555,788
Excess servicing spread purchased from PennyMac Financial Services, Inc. at fair value pledged to secure note payable to PennyMac Financial Services, Inc.	321,976	412,425
Derivative assets	18,462	10,085
Real estate acquired in settlement of loans (includes \$257,294 and \$283,343 pledged to creditors, respectively)	327,212	341,846
Real estate held for investment	12,758	8,796
Mortgage servicing rights pledged to creditors (includes \$61,071 and \$66,584 carried at fair value, respectively)	455,097	459,741
Servicing advances	76,881	88,010
Due from PennyMac Financial Services, Inc.	6,531	8,806
Other (includes restricted cash of \$180,992 pledged to creditors at March 31, 2016)	286,201	235,186
Total assets	\$ 5,820,440	\$ 5,826,924
LIABILITIES		
Assets sold under agreements to repurchase	\$ 3,245,014	\$ 3,128,780
Mortgage loan participation and sale agreements	62,400	
Federal Home Loan Bank advances		183,000
Notes payable	206,191	236,015
Asset-backed financing of a variable interest entity at fair value	344,693	247,690
Exchangeable senior notes	245,307	245,054
Interest-only security payable at fair value	675	
Note payable to PennyMac Financial Services, Inc.	150,000	150,000
Derivative liabilities	13,488	3,157
Accounts payable and accrued liabilities	71,932	64,474

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Due to PennyMac Financial Services, Inc.	17,647	18,965
Income taxes payable	29,878	33,505
Liability for losses under representations and warranties	18,712	20,171

Total liabilities	4,405,937	4,330,811
-------------------	-----------	-----------

SHAREHOLDERS EQUITY

Common shares of beneficial interest authorized, 500,000,000 common shares of \$0.01 par value; issued and outstanding, 68,687,094 and 73,767,435 common shares

	687	738
Additional paid-in capital	1,406,350	1,469,722
Retained earnings	7,466	25,653

Total shareholders equity	1,414,503	1,496,113
---------------------------	-----------	-----------

Total liabilities and shareholders equity	\$ 5,820,440	\$ 5,826,924
---	--------------	--------------

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

Table of Contents**PENNYMAC MORTGAGE INVESTMENT TRUST AND SUBSIDIARIES****CONSOLIDATED BALANCE SHEETS (UNAUDITED)**

Assets and liabilities of consolidated variable interest entities (VIEs) included in total assets and liabilities (the assets of each VIE can only be used to settle liabilities of that VIE):

	March 31, 2016	December 31, 2015
	(in thousands)	
ASSETS		
Mortgage loans at fair value	\$ 449,215	\$ 455,394
Derivative assets		593
Other assets		
Interest receivable	1,407	1,447
Restricted cash	213,536	147,000
	\$ 664,158	\$ 604,434
LIABILITIES		
Asset-backed financing at fair value	\$ 344,693	\$ 247,690
Interest-only security payable at fair value	675	
Derivative liabilities	4,218	
Accounts payable and accrued liabilities interest payable	990	724
	\$ 350,576	\$ 248,414

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

Table of Contents**PENNYMAC MORTGAGE INVESTMENT TRUST AND SUBSIDIARIES****CONSOLIDATED STATEMENTS OF INCOME (UNAUDITED)**

	Quarter ended March 31,	
	2016	2015
	(in thousands, except per share amounts)	
Net investment income		
Interest income		
From nonaffiliates	\$ 47,351	\$ 36,933
From PennyMac Financial Services, Inc.	7,015	3,752
	54,366	40,685
Interest expense		
To nonaffiliates	30,402	25,746
To PennyMac Financial Services, Inc.	1,602	
	32,004	25,746
Net interest income	22,362	14,939
Net gain on mortgage loans acquired for sale	15,049	10,160
Mortgage loan origination fees	6,901	5,287
Net (loss) gain on investments:		
From nonaffiliates	13,729	9,694
From PennyMac Financial Services, Inc.	(17,627)	(6,247)
	(3,898)	3,447
Net mortgage loan servicing fees	15,554	8,001
Results of real estate acquired in settlement of loans	(6,036)	(5,832)
Other	2,284	1,655
Net investment income	52,216	37,657
Expenses		
Earned by PennyMac Financial Services, Inc.:		
Mortgage loan fulfillment fees	12,935	12,866
Mortgage loan servicing fees	11,453	10,670
Management fees	5,352	7,003
Professional services	2,293	1,828
Mortgage loan collection and liquidation	2,214	1,445
Compensation	1,289	2,808
Other	5,636	4,857
Total expenses	41,172	41,477

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Income (loss) before benefit from income taxes	11,044	(3,820)
Benefit from income taxes	(3,452)	(11,328)
Net income	\$ 14,496	\$ 7,508

Earnings per share

Basic	\$ 0.20	\$ 0.09
Diluted	\$ 0.20	\$ 0.09

Weighted-average shares outstanding

Basic	71,884	74,528
Diluted	71,884	74,956

Dividends declared per share	\$ 0.47	\$ 0.61
-------------------------------------	---------	---------

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

Table of Contents**PENNYMAC MORTGAGE INVESTMENT TRUST AND SUBSIDIARIES****CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY (UNAUDITED)**

	Common shares				
	Number of shares	Par value	Additional paid-in capital	Retained earnings	Total
	(in thousands, except per share amounts)				
Balance at December 31, 2014	74,510	\$ 745	\$ 1,479,699	\$ 97,728	\$ 1,578,172
Net income				7,508	7,508
Share-based compensation	75	1	2,543		2,544
Common share dividends, \$0.61 per share				(46,073)	(46,073)
Issuance of common shares			8		8
Balance at March 31, 2015	74,585	\$ 746	\$ 1,482,250	\$ 59,163	\$ 1,542,159
Balance at December 31, 2015	73,767	\$ 738	\$ 1,469,722	\$ 25,653	\$ 1,496,113
Net income				14,496	14,496
Share-based compensation	76	1	1,047		1,048
Common share dividends, \$0.47 per share				(32,683)	(32,683)
Repurchase of common shares	(5,156)	(52)	(64,419)		(64,471)
Balance at March 31, 2016	68,687	\$ 687	\$ 1,406,350	\$ 7,466	\$ 1,414,503

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

Table of Contents**PENNYMAC MORTGAGE INVESTMENT TRUST AND SUBSIDIARIES****CONSOLIDATED STATEMENTS OF CASH FLOWS (UNAUDITED)**

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Cash flows from operating activities		
Net income	\$ 14,496	\$ 7,508
Adjustments to reconcile net income to net cash used by operating activities:		
Accrual of unearned discounts and amortization of premiums on mortgage-backed securities, mortgage loans at fair value, and asset-backed financing of a variable interest entity	(6,060)	(402)
Capitalization of interest on mortgage loans at fair value	(23,294)	(10,209)
Capitalization of interest on excess servicing spread	(7,015)	(3,752)
Amortization of debt issuance costs	3,201	2,581
Net gain on mortgage loans acquired for sale	(15,049)	(10,160)
Net loss (gain) on investments	3,898	(3,447)
Change in fair value, amortization and impairment of mortgage servicing rights	13,448	14,628
Results of real estate acquired in settlement of loans	6,036	5,832
Share-based compensation expense	1,048	2,544
Purchase of mortgage loans acquired for sale at fair value from nonaffiliates	(10,149,221)	(8,366,569)
Purchase of mortgage loans acquired for sale at fair value from PennyMac Financial Services, Inc.	(4,715)	(8,405)
Repurchase of mortgage loans subject to representation and warranties	(3,844)	(7,708)
Sale and repayment of mortgage loans acquired for sale at fair value to nonaffiliates	3,233,779	2,644,244
Sale of mortgage loans acquired for sale to PennyMac Financial Services, Inc.	6,853,542	4,990,358
Decrease (increase) in servicing advances	9,080	(5,804)
Decrease in due from PennyMac Financial Services, Inc.	2,186	886
Decrease in other assets	24,088	7,164
Increase in accounts payable and accrued liabilities	9,771	4,163
Decrease in payable to PennyMac Financial Services, Inc.	(1,318)	(5,067)
Decrease in income taxes payable	(3,627)	(11,514)
Net cash used in operating activities	(39,570)	(753,129)
Cash flows from investing activities		
Net (increase) decrease in short-term investments	(5,635)	94,951
Purchase of mortgage-backed securities at fair value	(50,702)	(25,129)
Sale and repayment of mortgage-backed securities at fair value	13,848	17,802
Purchase of mortgage loans at fair value		(241,981)
Sale and repayment of mortgage loans at fair value	47,865	59,596
Purchase of excess servicing spread from PennyMac Financial Services, Inc.		(46,412)

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Repayment of excess servicing spread by PennyMac Financial Services, Inc.	20,881	12,731
Sale of excess servicing spread to PennyMac Financial Services, Inc.	59,045	
Net settlement of derivative financial instruments	(2)	(13,466)
Sale of real estate acquired in settlement of loans	64,908	65,976
Purchase of mortgage servicing rights	(2,602)	
Sale of mortgage servicing rights		376
Deposit of cash collateral securing credit risk transfer agreements	(66,706)	
Distribution from credit risk transfer agreements	2,706	
Decrease (increase) in margin deposits and restricted cash	2,368	(15,792)
Purchase of Federal Home Loan Bank capital stock	(225)	
Redemption of Federal Home Loan Bank capital stock	7,320	
Net cash provided by (used in) investing activities	93,069	(91,348)

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

Table of Contents**PENNYMAC MORTGAGE INVESTMENT TRUST AND SUBSIDIARIES****CONSOLIDATED STATEMENTS OF CASH FLOWS (UNAUDITED)**

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Cash flows from financing activities		
Sale of assets under agreements to repurchase	11,058,933	9,744,632
Repurchase of assets sold under agreements to repurchase	(10,943,166)	(8,911,469)
Sale of mortgage loan participation certificates	1,567,101	1,014,727
Repayment of mortgage loan participation certificates	(1,504,700)	(963,134)
Federal Home Loan Bank advances	28,000	
Repayment of Federal Home Loan Bank advances	(211,000)	
Advance under notes payable	17,057	
Repayment under notes payable	(46,936)	
Issuance of asset-backed financing of a variable interest entity at fair value	100,301	
Repayment of asset-backed financing of a variable interest entity at fair value	(8,334)	(4,641)
Payment of debt issuance costs	(2,427)	
Issuance of common shares		8
Repurchase of common shares	(64,471)	
Payment of contingent underwriting fees payable		(470)
Payment of dividends	(34,993)	(45,894)
Net cash (used in) provided by financing activities	(44,635)	833,759
Net increase (decrease) in cash	8,864	(10,718)
Cash at beginning of period	58,108	76,386
Cash at end of period	\$ 66,972	\$ 65,668

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

Table of Contents

PENNYMAC MORTGAGE INVESTMENT TRUST AND SUBSIDIARIES

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

Note 1 Organization and Basis of Presentation

PennyMac Mortgage Investment Trust (*PMT* or the *Company*) was organized in Maryland on May 18, 2009, and commenced operations on August 4, 2009, when it completed its initial offerings of common shares of beneficial interest (*common shares*). The Company is a specialty finance company, which, through its subsidiaries (all of which are wholly-owned), invests primarily in residential mortgage-related assets.

The Company operates in two segments, correspondent production and investment activities:

The correspondent production segment represents the Company's operations aimed at serving as an intermediary between mortgage lenders and the capital markets by purchasing, pooling and reselling newly originated prime credit quality mortgage loans either directly or in the form of mortgage-backed securities (*MBS*), using the services of PNMAC Capital Management, LLC (*PCM* or the *Manager*) and PennyMac Loan Services, LLC (*PLS*), both indirect controlled subsidiaries of PennyMac Financial Services, Inc. (*PFSI*).

Most of the mortgage loans the Company has acquired in its correspondent production activities have been eligible for sale to government-sponsored entities such as the Federal National Mortgage Association (*Fannie Mae*) and the Federal Home Loan Mortgage Corporation (*Freddie Mac*) or through government agencies such as the Government National Mortgage Association (*Ginnie Mae*). Fannie Mae, Freddie Mac and Ginnie Mae are each referred to as an *Agency* and, collectively, as the *Agencies*.

The investment activities segment represents the Company's investments in mortgage-related assets, which include mortgage-backed securities (*MBS*), distressed mortgage loans, excess servicing spread (*ESS*), credit risk transfer agreements (*CRT Agreements*), real estate acquired in settlement of loans (*REO*), real estate held for investment, mortgage servicing rights (*MSRs*), and small balance commercial real estate loans.

The Company believes that it qualifies, and has elected to be taxed, as a real estate investment trust (*REIT*) under the Internal Revenue Code of 1986, as amended, beginning with its taxable period ended on December 31, 2009. To maintain its tax status as a REIT, the Company has to distribute at least 90% of its taxable income in the form of qualifying distributions to shareholders.

The Company conducts substantially all of its operations and makes substantially all of its investments through its subsidiary, PennyMac Operating Partnership, L.P. (the *Operating Partnership*), and the Operating Partnership's subsidiaries. A wholly-owned subsidiary of the Company is the sole general partner, and the Company is the sole limited partner, of the Operating Partnership.

The accompanying consolidated financial statements have been prepared in compliance with accounting principles generally accepted in the United States (*GAAP*) as codified in the Financial Accounting Standards Board's (*FASB*) *Accounting Standards Codification* (*ASC*) for interim financial information and with the Securities and Exchange Commission's instructions to Form 10-Q and Rule 10-01 of Regulation S-X. Accordingly, these financial statements and notes do not include all of the information required by GAAP for complete financial statements. The interim

consolidated information should be read together with the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2015.

The accompanying unaudited consolidated financial statements reflect all normal recurring adjustments necessary to present fairly the financial position, income, and cash flows for the interim periods, but are not necessarily indicative of the results of operations that may be anticipated for the full year. Intercompany accounts and transactions have been eliminated.

Preparation of financial statements in compliance with GAAP requires the Manager to make estimates and judgments that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements, and revenues and expenses during the reporting period. Actual results will likely differ from those estimates.

Note 2 Concentration of Risks

As discussed in Note 1 *Organization and Basis of Presentation* above, PMT's operations and investing activities are centered in mortgage-related assets, a substantial portion of which are distressed at acquisition. The mortgage loans at fair value not acquired for sale or held in a Variable Interest Entity (VIE) are generally purchased at discounts reflecting their distressed state or perceived higher risk of default, as well as a greater likelihood of collateral documentation deficiencies.

Table of Contents

Due to the nature of the Company's investments, PMT is exposed, to a greater extent than traditional mortgage investors, to the risks that borrowers may be in economic distress and/or may have become unemployed, bankrupt or otherwise unable or unwilling to make payments when due, and to the effects of fluctuations in the residential real estate market on the performance of its investments. Factors influencing these risks include, but are not limited to:

changes in the overall economy, unemployment rates and residential real estate values in the markets where the properties securing the Company's mortgage loans are located;

PCM's ability to identify and PLS's ability to execute optimal resolutions of certain mortgage loans;

the accuracy of valuation information obtained during the Company's due diligence activities;

PCM's ability to effectively model, and to develop appropriate model inputs that properly anticipate, future outcomes;

the level of government support for resolution of certain mortgage loans and the effect of current and future proposed and enacted legislative and regulatory changes on the Company's ability to effect cures or resolutions to distressed mortgage loans; and

regulatory, judicial and legislative support of the foreclosure process, and the resulting effect on the Company's ability to acquire and liquidate the real estate securing its portfolio of distressed mortgage loans in a timely manner or at all.

Due to these uncertainties, there can be no assurance that risk management activities identified and executed on PMT's behalf will prevent significant losses arising from the Company's investments in real estate-related assets.

A substantial portion of the distressed mortgage loans and REO purchased by the Company in prior years has been acquired from or through one or more subsidiaries of Citigroup Inc., as presented in the following summary:

	March 31, 2016	December 31, 2015
	(in thousands)	
Mortgage loans at fair value	\$ 845,154	\$ 855,691
REO	76,316	88,088
	\$ 921,470	\$ 943,779
Total carrying value of mortgage loans at fair value and REO	\$ 2,823,990	\$ 2,897,634

Note 3 Transactions with Related Parties

Operating Activities

Correspondent Production Activities

Following is a summary of correspondent production activity between the Company and PLS:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Fulfillment fees earned by PLS	\$ 12,935	\$ 12,866
UPB of mortgage loans fulfilled by PLS	\$ 3,259,363	\$ 2,890,132
Sourcing fees received from PLS included in <i>Net gain on mortgage loans acquired for sale</i>	\$ 1,950	\$ 1,421
Unpaid principal balance (UPB) of mortgage loans sold to PLS	\$ 6,495,722	\$ 4,735,374
Purchases of mortgage loans acquired for sale at fair value from PLS	\$ 4,715	\$ 8,405
Tax service fee paid to PLS included in <i>Other</i> expense	\$ 1,007	\$ 889
Mortgage banking and warehouse services fees paid to PLS	\$ 1	\$
	March 31,	December 31,
	2016	2015
	(in thousands)	
Mortgage loans included in <i>Mortgage loans acquired for sale at fair value</i> pending sale to PLS	\$ 596,166	\$ 669,288

Table of Contents

Mortgage Loan Servicing Activities

Following is a summary of mortgage loan servicing fees earned by PLS and MSR recapture income earned from PLS:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Mortgage loan servicing fees		
Mortgage loans acquired for sale at fair value:		
Base	\$ 56	\$ 26
Activity-based	115	31
	171	57
Mortgage loans at fair value:		
Distressed mortgage loans		
Base	3,359	4,032
Activity-based	3,449	2,894
	6,808	6,926
Mortgage loans held in VIE:		
Base	41	30
Activity-based		
	41	30
MSRs:		
Base	4,344	3,626
Activity-based	89	31
	4,433	3,657
	\$ 11,453	\$ 10,670
MSR recapture income recognized included in <i>Net mortgage loan servicing fees</i>	\$ 130	\$
Average investment in:		
Mortgage loans acquired for sale at fair value	\$ 918,741	\$ 756,646
Mortgage loans at fair value:		
Distressed mortgage loans	\$ 2,064,101	\$ 2,309,282
Mortgage loans held in a VIE	\$ 454,538	\$ 526,220
Average mortgage loan servicing portfolio	\$ 43,253,977	\$ 34,599,043

Management Fees

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Following is a summary of the base management and performance incentive fees payable to PCM recorded by the Company:

	Quarter ended March 31, 2016 2015 (in thousands)	
Base	\$ 5,352	\$ 5,730
Performance incentive		1,273
	\$ 5,352	\$ 7,003

Table of Contents**Expense Reimbursement and Amounts Payable to and Receivable from PFSI**

The Company reimburses PCM and its affiliates for other expenses, including common overhead expenses incurred on its behalf by PCM and its affiliates, in accordance with the terms of its management agreement as summarized below:

	Quarter ended March 31, 20162015 (in thousands)	
Reimbursement of:		
Common overhead incurred by PCM and its affiliates (1)	\$ 2,561	\$ 2,729
Expenses incurred on the Company's behalf	55	379
	\$ 2,616	\$ 3,108
Payments and settlements during the year (2)	\$ 27,661	\$ 22,752

- (1) On December 15, 2015, the Operating Partnership amended its management agreement to provide that the total costs and expenses incurred by PFSI in any quarter and reimbursable by the Operating Partnership is capped at an amount equal to the product of (A) 70 basis points (0.0070), multiplied by (B) PMT's shareholders' equity (as defined in the management agreement) as of the last day of the month preceding quarter end, divided by four.
- (2) Payments and settlements include payments and netting settlements made pursuant to master netting agreements between the Company and PFSI for operating, investment and financing activities itemized in this Note.
- Amounts receivable and payable to PFSI are summarized below:

	March 31, 2016	December 31, 2015
	(in thousands)	
Receivable from PFSI		
MSR recapture receivable	\$ 691	\$ 781
Other	5,840	8,025
	\$ 6,531	\$ 8,806
Payable to PFSI		
Management fees	\$ 5,352	\$ 5,670
Servicing fees	4,601	3,682
Correspondent production fees	2,898	2,729
Fulfillment fees	1,631	1,082
Allocated expenses	1,254	390

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Conditional Reimbursement	900	900
Expenses paid by PFSI on PMT s behalf	576	4,100
Interest on Note payable to PFSI	435	412
	\$ 17,647	\$ 18,965

Investing Activities

On February 29, 2016, the Company and PLS terminated that certain master spread acquisition and MSR servicing agreement that the parties entered into effective February 1, 2013 (the 2/1/13 Spread Acquisition Agreement) and all amendments thereto. In connection with the termination of the 2/1/13 Spread Acquisition Agreement, PLS reacquired from the Company all of its right, title and interest in and to all of the Fannie Mae ESS previously sold by PLS to the Company under the 2/1/13 Spread Acquisition Agreement and then subject to such 2/1/13 Spread Acquisition Agreement. On February 29, 2016, PLS also reacquired from the Company all of its right, title and interest in and to all of the Freddie Mac ESS previously sold to the Company by PLS. During the quarter ended March 31, 2016, the amount of ESS sold by the Company to PLS under these reacquisitions was \$59.0 million.

Table of Contents

Following is a summary of investing activities between the Company and PFSI:

	Quarter ended March 31, 2016 2015 (in thousands)	
ESS:		
Purchases	\$	\$ 46,412
Received pursuant to a recapture agreement	\$ 1,911	\$ 1,246
Repayments and sales	\$ 79,926	\$ 12,731
Interest income	\$ 7,015	\$ 3,752
Net loss included in <i>Net (loss) gain on investments</i> :		
Valuation changes	\$ (19,449)	\$ (7,536)
Recapture income	1,822	1,289
	\$ (17,627)	\$ (6,247)

Financing Activities

PFSI held 75,000 of the Company's common shares at both March 31, 2016 and December 31, 2015.

Note Payable to PLS

PLS is a party to a repurchase agreement between it and Credit Suisse First Boston Mortgage Capital LLC (CSFB) (the MSR Repo), pursuant to which PLS finances Ginnie Mae MSRs and servicing advance receivables and pledges to CSFB all of its rights and interests in any Ginnie Mae MSRs it owns or acquires, and a separate acknowledgement agreement with respect thereto, by and among Ginnie Mae, CSFB and PLS.

In connection with the MSR Repo described above, the Company, through a wholly-owned subsidiary, entered into an underlying loan and security agreement with PLS, dated as of April 30, 2015, pursuant to which the Company may borrow up to \$150 million from PLS for the purpose of financing its investment in ESS (the Underlying LSA). The principal amount of the borrowings under the Underlying LSA is based upon a percentage of the market value of the ESS pledged to PLS, subject to the \$150 million sublimit described above. Pursuant to the Underlying LSA, the Company granted to PLS a security interest in all of its right, title and interest in, to and under the ESS pledged to secure the borrowings, and PLS, in turn, re-pledged such ESS to CSFB under the MSR Repo.

The Company agreed with PLS in connection with the Underlying LSA that the Company is required to repay PLS the principal amount of borrowings plus accrued interest to the date of such repayment, and PLS, in turn, is required to repay CSFB the corresponding amount under the MSR Repo. Interest accrues on the Company's note relating to the Underlying LSA at a rate based on CSFB's cost of funds under the MSR Repo. The Company was also required to pay PLS a fee for the structuring of the Underlying LSA in an amount equal to the portion of the corresponding fee paid by PLS to CSFB allocable to \$150 million relating to the ESS financing.

Conditional Reimbursement and Contingent Underwriting Fees

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

In connection with its initial public offering of common shares on August 4, 2009 (IPO), the Company conditionally agreed to reimburse PCM up to \$2.9 million for underwriting fees paid to the IPO underwriters by PCM on the Company's behalf (the Conditional Reimbursement). Also in connection with its IPO, the Company agreed to pay the IPO underwriters up to \$5.9 million in contingent underwriting fees.

Following is a summary of financing activities between the Company and PFSI:

		Quarter ended March 31, 2016 2015 (in thousands)	
Note payable	Interest expense	\$ 1,602	\$
Conditional Reimbursements paid to PCM		\$	\$ 157

Note 4 Earnings Per Share

The Company grants restricted share units which entitle the recipients to receive dividend equivalents during the vesting period on a basis equivalent to the dividends paid to holders of common shares. Unvested share-based compensation awards containing non-forfeitable rights to receive dividends or dividend equivalents (collectively, dividends) are classified as participating securities and are included in the basic earnings per share calculation using the two-class method.

Under the two-class method, all earnings (distributed and undistributed) are allocated to common shares and participating securities, based on their respective rights to receive dividends. Basic earnings per share is determined by dividing net income, reduced by income attributable to the participating securities, by the weighted-average common shares outstanding during the period.

Diluted earnings per share is determined by dividing net income attributable to diluted shareholders, which adds back to net income the interest expense, net of applicable income taxes, on the Company's exchangeable senior notes (the Exchangeable Notes), by the weighted-average common shares outstanding, assuming all potentially dilutive securities were issued. 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.

Table of Contents

The following table summarizes the basic and diluted earnings per share calculations:

	Quarter ended March 31, 2016 2015 (in thousands except per share amounts)	
Basic earnings per share:		
Net income	\$ 14,496	\$ 7,508
Effect of participating securities share-based compensation awards	(412)	(576)
Net income attributable to common shareholders	\$ 14,084	\$ 6,932
Diluted earnings per share:		
Net income attributable to common shareholders	\$ 14,084	\$ 7,508
Effect of participating securities share-based compensation awards		(576)
Interest on Exchangeable Notes, net of income taxes		
Net income attributable to diluted shareholders	\$ 14,084	\$ 6,932
Weighted-average basic shares outstanding	71,884	74,528
Potentially dilutive securities:		
Shares issuable under share-based compensation plan		428
Shares issuable pursuant to exchange of the Exchangeable Notes		
Diluted weighted-average number of shares outstanding	71,884	74,956
Basic earnings per share	\$ 0.20	\$ 0.09
Diluted earnings per share	\$ 0.20	\$ 0.09

Dividends and undistributed earnings allocated to participating securities under the basic and diluted earnings per share calculations require specific shares to be included or excluded that may differ in certain circumstances.

The following table summarizes the common shares excluded from the diluted earnings per share calculation for the periods as inclusion of such shares would have been antidilutive:

**Quarter ended
March 31,
2016 2015
(in thousands)**

Shares issuable under share-based compensation awards	1,171	
Shares issuable pursuant to exchange of the Exchangeable Notes	8,467	8,433

Note 5 Loan Sales and Variable Interest Entities

The Company is a variable interest holder in various special purpose entities that relate to its mortgage loan transfer and financing activities. These entities are classified as VIEs for accounting purposes. The Company has segregated its involvement with VIEs between those VIEs which the Company does not consolidate and those VIEs which the Company consolidates.

Table of Contents*Unconsolidated VIEs with Continuing Involvement*

The following table summarizes cash flows between the Company and transferees in transfers of mortgage loans that are accounted for as sales where the Company maintains continuing involvement with the mortgage loans, as well as UPB information at period end:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Cash flows:		
Proceeds from sales	\$ 3,233,779	\$ 2,644,244
Mortgage loan servicing fees received (1)	\$ 27,559	\$ 15,732
	March 31,	December 31,
	2016	2015
	(in thousands)	
UPB of mortgage loans outstanding	\$ 44,207,616	\$ 42,300,338
Delinquent mortgage loans:		
30-89 days delinquent	\$ 162,415	\$ 175,599
90 or more days delinquent		
Not in foreclosure or bankruptcy	40,304	38,669
In foreclosure or bankruptcy	38,934	31,386
	79,238	70,055
	\$ 241,653	\$ 245,654

(1) Net of guarantee fees.

*Consolidated VIEs***Credit Risk Transfer Agreements**

The Company, through its wholly-owned subsidiary, PennyMac Corp. (*PMC*), entered into CRT Agreements with Fannie Mae, pursuant to which PMC, through subsidiary trust entities, sells pools of mortgage loans into Fannie Mae-guaranteed securitizations while retaining a portion of the credit risk underlying such mortgage loans in exchange for a portion of the contractual guarantee fee normally charged by Fannie Mae. The mortgage loans subject to the CRT Agreements are transferred by PMC to subsidiary trust entities which sell the mortgage loans into Fannie Mae mortgage loan securitizations and issue the credit guarantees to Fannie Mae. Transfers of mortgage loans subject to CRT Agreements receive sale accounting treatment upon fulfillment of the criteria for sale recognition contained in the *Transfers and Servicing* topic of the FASB's ASC.

The Manager has concluded that the Company's subsidiary trust entities are VIEs and the Company is the primary beneficiary of the VIEs as it is the holder of the primary beneficial interests which absorb the variability of the trusts

results of operations. Consolidation of the VIEs results in the inclusion on the Company's consolidated balance sheet of the cash pledged to fulfill the guarantee obligation and a credit derivative comprised of the fair values of the credit guarantees and the Company's right to the related guarantee fees. The pledged cash represents the Company's maximum contractual exposure to claims under its credit guarantee; is the sole source of settlement of losses under the CRT Agreements and is included in *Other* assets on the consolidated balance sheet. Gains and losses on net derivatives related to CRT Agreements, including realized gains received, are included in *Net gain on investments* in the consolidated statements of income.

Table of Contents

Following is a summary of the CRT Agreements:

	Quarter ended March 31, 2016 (in thousands)
During the period:	
UPB of mortgage loans transferred and sold under CRT Agreements	\$ 1,923,113
Deposits of restricted cash	\$ 66,706
Gains (losses) recognized on CRT agreements included in <i>Net gain on investments</i>	
Realized	\$ 2,536
Resulting from valuation changes	(6,679)
	\$ (4,143)
Payments made to settle losses	\$

	March 31, 2016	December 31, 2015
	(in thousands)	
UPB of mortgage loans subject to credit guarantee obligation	\$ 5,931,409	\$ 4,546,265
Delinquency (in UPB)		
Current 89 days delinquent	\$ 5,930,936	\$ 4,546,265
90 or more days delinquent	\$ 473	\$
Carrying value of CRT Agreements:		
Net derivative asset included in <i>Derivative assets</i>	\$	\$ 593
Restricted cash included in <i>Other assets</i>	\$ 213,536	\$ 147,000
Net derivative liability included in <i>Derivative liabilities</i>	\$ 4,218	\$

Jumbo Mortgage Loan Financing

On September 30, 2013, the Company completed a securitization transaction in which PMT Loan Trust 2013-J1, a VIE, issued \$537.0 million in UPB of certificates backed by fixed-rate prime jumbo mortgage loans, at a 3.9% weighted yield. The Company retained \$366.8 million in fair value of such certificates. During the year ended December 31, 2015, the Company sold an additional \$111.0 million in UPB of those certificates and \$100.6 million in UPB of those certificates were sold during the quarter ended March 31, 2016, which reduced the fair value of the certificates retained by the Company to \$104.5 million as of March 31, 2016.

The VIE is consolidated by the Company as PMT determined it is the primary beneficiary of the VIE as it had the power, through PLS, in its role as servicer of the mortgage loans, to direct the activities of the trust that most significantly impact the trust's economic performance. Further, the retained subordinated and residual interest trust certificates expose the Company to losses that could potentially be significant to the Company.

Note 6 Netting of Financial Instruments

The Company uses derivative financial instruments to manage exposure to interest rate risk created by its MBS, interest rate lock commitments (IRLCs), mortgage loans acquired for sale at fair value, mortgage loans at fair value held in VIE, ESS and MSRs. All derivative financial instruments are recorded on the consolidated balance sheets at fair value. The Company has elected to net derivative asset and liability positions, and cash collateral obtained (or posted) from (or to) its counterparties when subject to a legally enforceable master netting arrangement. The derivative financial instruments that are not subject to master netting arrangements are IRLCs and the net derivatives related to CRT Agreements. As of March 31, 2016 and December 31, 2015, the Company did not enter into reverse repurchase agreements or securities lending transactions that are required to be disclosed in the following tables.

Table of Contents*Offsetting of Derivative Assets*

Following is a summary of net derivative assets. As discussed above, all derivatives with the exception of IRLCs and CRT Agreements are subject to master netting arrangements.

	March 31, 2016			December 31, 2015		
	Gross amounts of recognized assets	Gross amounts offset in the consolidated balance sheet	Net amounts of assets presented in the consolidated balance sheet (in thousands)	Gross amounts of recognized assets	Gross amounts offset in the consolidated balance sheet	Net amounts of assets presented in the consolidated balance sheet
Derivative assets						
Not subject to master netting arrangements:						
Interest rate lock commitments	\$ 9,372	\$	\$ 9,372	\$ 4,983	\$	\$ 4,983
CRT Agreements				593		593
	9,372		9,372	5,576		5,576
Subject to master netting arrangements:						
MBS put options	64		64	93		93
Forward purchase contracts	20,795		20,795	2,444		2,444
Forward sale contracts	138		138	2,604		2,604
Put options on interest rate futures	414		414	1,512		1,512
Call options on interest rate futures	3,949		3,949	1,156		1,156
Netting		(16,270)	(16,270)		(3,300)	(3,300)
	25,360	(16,270)	9,090	7,809	(3,300)	4,509
	\$ 34,732	\$ (16,270)	\$ 18,462	\$ 13,385	\$ (3,300)	\$ 10,085

Table of Contents*Derivative Assets and Collateral Held by Counterparty*

The following table summarizes by significant counterparty the amount of derivative asset positions after considering master netting arrangements and financial instruments or cash pledged that do not meet the accounting guidance qualifying for netting.

	March 31, 2016			December 31, 2015		
	Gross amounts not offset in the consolidated balance sheet			Gross amounts not offset in the consolidated balance sheet		
	Net amount of assets presented in the consolidated balance sheet	Cash Financial collateral received	Net amount	Net amount of assets presented in the consolidated balance sheet	Cash Financial collateral received	Net amount
	(in thousands)					
Interest rate lock commitments	\$ 9,372	\$	\$ 9,372	\$ 4,983	\$	\$ 4,983
RJ O'Brien & Associates, LLC	2,805		2,805	1,672		1,672
Fannie Mae Capital Markets	2,466		2,466			
Bank of America, N.A.	1,220		1,220			
Jefferies Group, LLC	726		726	541		541
BNP Paribas	682		682	59		59
Wells Fargo	468		468	99		99
Nomura Securities International, Inc	395		395	119		119
Barclays Capital				796		796
Morgan Stanley Bank, N.A.				464		464
Royal Bank of Canada				400		400
Ally Financial				209		209
Other	328		328	743		743
	\$ 18,462	\$	\$ 18,462	\$ 10,085	\$	\$ 10,085

Table of Contents*Offsetting of Derivative Liabilities and Financial Liabilities*

Following is a summary of net derivative liabilities and assets sold under agreements to repurchase. As discussed above, all derivative liabilities with the exception of IRLCs and CRT Agreements are subject to master netting arrangements. Assets sold under agreements to repurchase do not qualify for setoff accounting.

	March 31, 2016			December 31, 2015		
	Gross amounts of recognized liabilities	Gross amounts offset in the consolidated balance sheet	Net amounts of liabilities presented in the consolidated balance sheet (in thousands)	Gross amounts of recognized liabilities	Gross amounts offset in the consolidated balance sheet	Net amounts of liabilities presented in the consolidated balance sheet
Derivative liabilities						
Not subject to master netting arrangements:						
Interest rate lock commitments	\$ 37	\$	\$ 37	\$ 337	\$	\$ 337
CRT Agreements	4,218		4,218			
	4,255		4,255	337		337
Subject to master netting arrangements:						
Forward purchase contracts	15		15	3,774		3,774
Forward sales contracts	19,884		19,884	2,680		2,680
Put options on interest rate futures				39		39
Call options on interest rate futures	895		895	305		305
Netting		(11,561)	(11,561)		(3,978)	(3,978)
	20,794	(11,561)	9,233	6,798	(3,978)	2,820
Assets sold under agreements to repurchase:						
UPB	3,246,095		3,246,095	3,130,328		3,130,328
Unamortized debt issuance costs	(1,081)		(1,081)	(1,548)		(1,548)
	3,245,014		3,245,014	3,128,780		3,128,780
	\$ 3,270,063	\$ (11,561)	\$ 3,258,502	\$ 3,135,915	\$ (3,978)	\$ 3,131,937

Table of Contents*Derivative Liabilities, Financial Liabilities and Collateral Pledged by Counterparty*

The following table summarizes by significant counterparty the amount of derivative liabilities and assets sold under agreements to repurchase after considering master netting arrangements and financial instruments or cash pledged that do not meet the accounting guidance qualifying for netting. All assets sold under agreements to repurchase represent sufficient collateral or exceed the liability amount recorded on the consolidated balance sheet.

	March 31, 2016			December 31, 2015		
	Gross amounts not offset in the consolidated balance sheet			Gross amounts not offset in the consolidated balance sheet		
	Net amount of liabilities presented in the consolidated balance sheet	Cash collateral pledged	Net amount	Net amount of liabilities presented in the consolidated balance sheet	Cash collateral pledged	Net amount
	balance sheet	Financial instruments	pledged amount (in thousands)	balance sheet	Financial instruments	pledged amount
Interest rate lock commitments	\$ 37	\$	\$ 37	\$ 337	\$	\$ 337
CRT Agreements	4,218		4,218			
Credit Suisse First Boston Mortgage Capital LLC	858,021	(857,269)	752	893,947	(893,854)	93
Citibank	824,003	(824,003)		817,089	(816,699)	390
Bank of America, N.A.	568,850	(568,850)		538,755	(538,515)	240
JPMorgan Chase & Co.	543,313	(543,177)	136	467,427	(467,145)	282
Morgan Stanley Bank, N.A.	252,082	(251,620)	462	214,086	(214,086)	
Daiwa Capital Markets	178,994	(178,914)	80	165,480	(165,480)	
Barclays Capital	12,379	(12,140)	239	24,346	(24,346)	
BNP Paribas	10,122	(10,122)		10,203	(10,203)	
Fannie Mae Capital Markets	5,863		5,863	924		924
Deutsche Bank	784		784			
Goldman Sachs	262		262	819		819
Other	655		655	72		72
Unamortized debt issuance costs	(1,081)	1,081		(1,548)	1,548	

Total	\$ 3,258,502	\$ (3,245,014)	\$	\$ 13,488	\$ 3,131,937	\$ (3,128,780)	\$	\$ 3,157
-------	--------------	----------------	----	-----------	--------------	----------------	----	----------

Note 7 Fair Value

The Company's consolidated financial statements include assets and liabilities that are measured based on their fair values. Measurement at fair value may be on a recurring or nonrecurring basis depending on the accounting principles applicable to the specific asset or liability and whether the Manager has elected to carry the item at its fair value as discussed in the following paragraphs.

The Company groups its assets and liabilities at fair value in three levels, based on the markets in which the assets and liabilities are traded and the observability of the inputs used to determine fair value. These levels are:

Level 1 Quoted prices in active markets for identical assets or liabilities.

Level 2 Prices determined or determinable using other significant observable inputs. Observable inputs are inputs that other market participants would use in pricing an asset or liability and are developed based on market data obtained from sources independent of the Company. These may include quoted prices for similar assets and liabilities, interest rates, prepayment speeds, credit risk and other inputs.

Level 3 Prices determined using significant unobservable inputs. In situations where significant 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 own judgments about the factors that market participants use in pricing an asset or liability, and are based on the best information available in the circumstances.

Table of Contents

As a result of the difficulty in observing certain significant valuation inputs affecting Level 3 fair value financial statement items, the Manager is required to make judgments regarding these items' fair values. Different persons in possession of the same facts may reasonably arrive at different conclusions as to the inputs to be applied in valuing these financial statement items and their fair values. Likewise, due to the general illiquidity of some of these financial statement items, subsequent transactions may be at values significantly different from those reported.

Fair Value Accounting Elections

The Manager identified all of the Company's non-cash financial assets and MSRs relating to loans with initial interest rates of more than 4.5%, to be accounted for at fair value. The Manager has elected to account for these financial statement items at fair value so such changes in fair value will be reflected in income as they occur and more timely reflect the results of the Company's performance. Originated MSRs backed by mortgage loans with initial interest rates of less than or equal to 4.5% are accounted for using the amortization method.

The Manager has also identified the Company's CRT financing and asset-backed financing of a VIE to be accounted for at fair value to reflect the generally offsetting changes in fair value of these borrowings to changes in fair value of mortgage loans at fair value collateralizing these financings.

For assets sold under agreements to repurchase and the Exchangeable Notes, the Manager has determined that historical cost accounting is more appropriate because under this method debt issuance costs are amortized over the term of the debt, thereby matching the debt issuance cost to the periods benefiting from the availability of the debt.

Table of Contents***Financial Statement Items Measured at Fair Value on a Recurring Basis***

Following is a summary of financial statement items that are measured at fair value on a recurring basis:

	March 31, 2016			
	Level 1	Level 2	Level 3	Total
	(in thousands)			
Assets:				
Short-term investments	\$ 47,500	\$	\$	\$ 47,500
Mortgage-backed securities at fair value		364,439		364,439
Mortgage loans acquired for sale at fair value		1,339,633		1,339,633
Mortgage loans at fair value		449,215	2,047,563	2,496,778
Excess servicing spread purchased from PFSI			321,976	321,976
Derivative assets:				
Interest rate lock commitments			9,372	9,372
MBS put options		64		64
Forward purchase contracts		20,795		20,795
Forward sales contracts		138		138
Put options on interest rate futures	414			414
Call options on interest rate futures	3,949			3,949
Total derivative assets before netting	4,363	20,997	9,372	34,732
Netting				(16,270)
Total derivative assets after netting	4,363	20,997	9,372	18,462
Mortgage servicing rights at fair value			61,071	61,071
	\$ 51,863	\$ 2,174,284	\$ 2,439,982	\$ 4,649,859
Liabilities:				
Asset-backed financing of a VIE at fair value	\$	\$ 344,693	\$	\$ 344,693
Interest-only security payable at fair value			675	675
Derivative liabilities:				
Interest rate lock commitments			37	37
CRT Agreements			4,218	4,218
Call options on interest rate futures	895			895
Forward purchase contracts		15		15
Forward sales contracts		19,884		19,884
Total derivative liabilities before netting	895	19,899	4,255	25,049
Netting				(11,561)
Total derivative liabilities after netting	895	19,899	4,255	13,488
	\$ 895	\$ 364,592	\$ 4,930	\$ 358,856

Table of Contents

	December 31, 2015			
	Level 1	Level 2	Level 3	Total
	(in thousands)			
Assets:				
Short-term investments	\$ 41,865	\$	\$	\$ 41,865
Mortgage-backed securities at fair value		322,473		322,473
Mortgage loans acquired for sale at fair value		1,283,795		1,283,795
Mortgage loans at fair value		455,394	2,100,394	2,555,788
Excess servicing spread purchased from PFSI			412,425	412,425
Derivative assets:				
Interest rate lock commitments			4,983	4,983
CRT Agreements			593	593
MBS put options		93		93
Forward purchase contracts		2,444		2,444
Forward sales contracts		2,604		2,604
Put options on interest rate futures	1,512			1,512
Call options on interest rate futures	1,156			1,156
Total derivative assets	2,668	5,141	5,576	13,385
Netting				(3,300)
Total derivative assets after netting	2,668	5,141	5,576	10,085
Mortgage servicing rights at fair value			66,584	66,584
	\$ 44,533	\$ 2,066,803	\$ 2,584,979	\$ 4,693,015
Liabilities:				
Asset-backed financing of the VIE at fair value	\$	\$ 247,690	\$	\$ 247,690
Derivative liabilities:				
Interest rate lock commitments			337	337
Put options on interest rate futures	39			39
Call options on interest rate futures	305			305
Forward purchase contracts		3,774		3,774
Forward sales contracts		2,680		2,680
Total derivative liabilities	344	6,454	337	7,135
Netting				(3,978)
Total derivative liabilities after netting	344	6,454	337	3,157
	\$ 344	\$ 254,144	\$ 337	\$ 250,847

Table of Contents

The following is a summary of changes in items measured using Level 3 inputs on a recurring basis:

	Quarter ended March 31, 2016						Total
	Mortgage loans at fair value	Excess servicing spread	Interest rate lock commitments	Net derivative related to Agreements (1)	Mortgage servicing rights	Interest- only security payable	
	(in thousands)						
Balance, December 31, 2015	\$ 2,100,394	\$ 412,425	\$ 4,646	\$ 593	\$ 66,584	\$	\$ 2,584,642
Purchases and issuances					2,602	682	3,284
Repayments and sales	(32,065)	(79,926)		(668)			(112,659)
Capitalization of interest	23,294	7,015					30,309
ESS received pursuant to a recapture agreement with PFSI		1,911					1,911
Interest rate lock commitments issued, net			10,698				10,698
Servicing received as proceeds from sales of mortgage loans					3,300		3,300
Proceeds from CRT Agreements				2,536			2,536
Changes in fair value included in income arising from:							
Changes in instrument-specific credit risk	12,466						12,466
Other factors	1,929	(19,449)	20,666	(6,679)	(11,415)	(7)	(14,955)
	14,395	(19,449)	20,666	(6,679)	(11,415)	(7)	(2,489)
Transfers of mortgage loans to REO and real estate held for investment	(58,455)						(58,455)
Transfers of interest rate lock commitments to mortgage loans acquired for sale			(26,675)				(26,675)
Balance, March 31, 2016	\$ 2,047,563	\$ 321,976	\$ 9,335	\$ (4,218)	\$ 61,071	675	\$ 2,436,402
Changes in fair value recognized during the	\$ 17,676	\$ (12,239)	\$ 9,335	\$ (6,679)	\$ (11,415)	(7)	\$ (3,329)

period relating to assets
still held at March 31,
2016

(1) For the purpose of this table, the IRLC and CRT Agreement asset and liability positions are shown net.

	Quarter ended March 31, 2015				
	Mortgage loans at fair value	Excess servicing spread	Interest rate lock commitments (1) (in thousands)	Mortgage servicing rights	Total
Balance, December 31, 2014	\$ 2,199,583	\$ 191,166	\$ 5,661	\$ 57,358	\$ 2,453,768
Purchases	241,981	46,412			288,393
Repayments and sales	(45,882)	(12,731)			(58,613)
Capitalization of interest	10,209				10,209
Accrual of interest		3,752			3,752
ESS received pursuant to a recapture agreement with PFSI		1,246			1,246
Interest rate lock commitments issued, net			19,400		19,400
Servicing received as proceeds from sales of mortgage loans				1,906	1,906
Changes in fair value included in income arising from:					
Changes in instrument-specific credit risk	7,206				7,206
Other factors	9,980	(7,536)	12	(9,816)	(7,360)
	17,186	(7,536)	12	(9,816)	(154)
Transfers of mortgage loans to REO	(79,695)				(79,695)
Transfers of interest rate lock commitments to mortgage loans acquired for sale			(16,859)		(16,859)
Balance, March 31, 2015	\$ 2,343,382	\$ 222,309	\$ 8,214	\$ 49,448	\$ 2,623,353
Changes in fair value recognized during the period relating to assets still held at March 31, 2015	\$ 24,665	\$ (7,536)	\$ 8,214	\$ (9,816)	\$ 15,527

(1) For the purpose of this table, the IRLC asset and liability positions are shown net.

Table of Contents

Following are the fair values and related principal amounts due upon maturity of mortgage loans accounted for under the fair value option (including mortgage loans acquired for sale, mortgage loans at fair value and mortgage loans held in a consolidated VIE):

	March 31, 2016			December 31, 2015		
	Fair value	Principal amount due upon maturity	Difference (in thousands)	Fair value	Principal amount due upon maturity	Difference
Mortgage loans acquired for sale at fair value:						
Current through 89 days delinquent	\$ 1,338,755	\$ 1,277,319	\$ 61,436	\$ 1,283,275	\$ 1,235,433	\$ 47,842
90 or more days delinquent						
Not in foreclosure	878	1,096	(218)	304	333	(29)
In foreclosure				216	253	(37)
	878	1,096	(218)	520	586	(66)
	\$ 1,339,633	\$ 1,278,415	\$ 61,218	\$ 1,283,795	\$ 1,236,019	\$ 47,776
Mortgage loans at fair value:						
Mortgage loans held in a consolidated VIE						
Current through 89 days delinquent	\$ 449,215	\$ 442,637	\$ 6,578	\$ 455,394	\$ 454,935	\$ 459
90 or more days delinquent						
Not in foreclosure						
In foreclosure						
	449,215	442,637	6,578	455,394	454,935	459
Other mortgage loans at fair value:						
Current through 89 days delinquent	960,473	1,228,550	(268,077)	877,438	1,134,560	(257,122)
90 or more days delinquent						
Not in foreclosure	422,152	583,026	(160,874)	459,060	640,343	(181,283)
In foreclosure	664,938	919,221	(254,283)	763,896	1,062,205	(298,309)
	1,087,090	1,502,247	(415,157)	1,222,956	1,702,548	(479,592)
	2,047,563	2,730,797	(683,234)	2,100,394	2,837,108	(736,714)

\$ 2,496,778	\$ 3,173,434	\$ (676,656)	\$ 2,555,788	\$ 3,292,043	\$ (736,255)
--------------	--------------	--------------	--------------	--------------	--------------

Table of Contents

Following are the changes in fair value included in current period income by consolidated statement of income line item for financial statement items accounted for under the fair value option:

	Quarter ended March 31, 2016				
	Net gain on mortgage loans acquired for sale	Net interest income	Net gain on investments (in thousands)	Net mortgage loan servicing fees	Total
Assets:					
Short-term investments	\$	\$	\$	\$	\$
Mortgage-backed securities at fair value		13	5,099		5,112
Mortgage loans acquired for sale at fair value	42,005				42,005
Mortgage loans at fair value		1,229	22,789		24,018
ESS at fair value			(19,449)		(19,449)
MSRs at fair value				(11,415)	(11,415)
	\$ 42,005	\$ 1,242	\$ 8,439	\$ (11,415)	\$ 40,271
Liabilities:					
Asset-backed financing of a VIE at fair value	\$	\$ (1,317)	\$ (9,854)	\$	\$ (11,171)
	\$	\$ (1,317)	\$ (9,854)	\$	\$ (11,171)

	Quarter ended March 31, 2015				
	Net gain on mortgage loans acquired for sale	Net interest income	Net gain on investments (in thousands)	Net mortgage loan servicing fees	Total
Assets:					
Short-term investments	\$	\$	\$	\$	\$
Mortgage-backed securities at fair value		86	1,516		1,602
Mortgage loans acquired for sale at fair value	23,081				23,081
Mortgage loans at fair value		489	18,986		19,475
ESS at fair value			(6,247)		(6,247)
MSRs at fair value				(9,816)	(9,816)
	\$ 23,081	\$ 575	\$ 14,255	\$ (9,816)	\$ 28,095
Liabilities:					
Asset-backed financing of a VIE at fair value	\$	\$ (173)	\$ (770)	\$	\$ (943)

\$ (173) \$ (770) \$ (943)

Financial Statement Items Measured at Fair Value on a Nonrecurring Basis

Following is a summary of financial statement items that were re-measured at fair value on a nonrecurring basis during the periods presented:

	March 31, 2016			
	Level 1	Level 2	Level 3	Total
	(in thousands)			
Real estate acquired in settlement of loans	\$	\$	\$ 142,602	\$ 142,602
MSRs at lower of amortized cost or fair value			144,050	144,050
	\$	\$	\$ 286,652	\$ 286,652

Table of Contents

	December 31, 2015			
	Level 1	Level 2	Level 3	Total
	(in thousands)			
Real estate acquired in settlement of loans	\$	\$	\$ 173,662	\$ 173,662
MSRs at lower of amortized cost or fair value			145,187	145,187
	\$	\$	\$ 318,849	\$ 318,849

The following table summarizes the fair value changes recognized during the period on assets held at period end that were measured at fair value on a nonrecurring basis:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Real estate asset acquired in settlement of loans	\$ (9,116)	\$ (10,615)
MSRs at lower of amortized cost or fair value	(17,706)	(6,379)
	\$ (26,822)	\$ (16,994)

Real Estate Acquired in Settlement of Loans

The Company evaluates its REO for impairment with reference to the respective properties' fair values less cost to sell on a nonrecurring basis. The initial carrying value of the REO is measured at cost as indicated by the purchase price in the case of purchased REO or as measured by the fair value of the mortgage loan immediately before REO acquisition in the case of acquisition in settlement of a loan. REO may be subsequently revalued due to the Company receiving greater access to the property, the property being held for an extended period or receiving indications that the property's value may not be supported by developing market conditions. Any subsequent change in fair value to a level that is less than or equal to the property's cost is recognized in *Results of real estate acquired in settlement of loans* in the Company's consolidated statements of income.

Mortgage Servicing Rights at Lower of Amortized Cost or Fair Value

The Company evaluates its MSR at lower of amortized cost or fair value for impairment with reference to the asset's fair value. For purposes of performing its MSR impairment evaluation, the Company stratifies its MSR at lower of amortized cost or fair value based on the interest rates borne by the mortgage loans underlying the MSR. Mortgage loans are grouped into pools with 50 basis point interest rate ranges for fixed-rate mortgage loans with interest rates between 3.0% and 4.5% and a single pool for mortgage loans with interest rates below 3.0%. MSR relating to adjustable rate mortgage loans with initial interest rates of 4.5% or less are evaluated in a single pool. If the fair value of MSR in any of the interest rate pools is below the amortized cost of the MSR, those MSR are impaired.

When MSR are impaired, the impairment is recognized in current-period income and the carrying value of the MSR is adjusted using a valuation allowance. If the fair value of the MSR subsequently increases, the increase in fair value is recognized in current period income only to the extent of the valuation allowance for the respective impairment stratum.

The Manager periodically reviews the various impairment strata to determine whether the fair value of the impaired MSR in a given stratum is likely to recover. When the Manager deems recovery of fair value to be unlikely in the foreseeable future, a write-down of the cost of the MSR for that stratum to its estimated recoverable value is charged to the valuation allowance.

Fair Value of Financial Instruments Carried at Amortized Cost

The Company's Cash as well as certain of its borrowings are carried at amortized cost. Cash is measured using a Level 1 fair value input. The Company's assets sold under agreements to repurchase and mortgage loan participation and sale agreement are classified as Level 3 fair value financial statement items due to the Company's reliance on unobservable inputs to estimate these instruments' fair values.

The Manager has concluded that the fair values of Cash, Assets sold under agreements to repurchase, Mortgage loan participation and sale agreements, Federal Home Loan Bank advances and Notes payable approximate the carrying values due to the immediate realizability of Cash at its carrying amount and to the borrowing agreements' short terms and variable interest rates.

Table of Contents

The Exchangeable Notes are carried at amortized cost. The fair value of the Exchangeable Notes at March 31, 2016 and December 31, 2015 was \$224.4 million and \$230.0 million, respectively. The fair value of the Exchangeable Notes is estimated using a broker indication of value. The Company has classified the Exchangeable Notes as Level 3 fair value financial statement items as of March 31, 2016 due to the lack of current market activity.

Valuation Techniques and Inputs

Most of the Company's assets, its *Derivative liabilities*, the *Asset-backed financing of a VIE* and the *Interest-only security payable* are carried at fair value with changes in fair value recognized in current period income. A substantial portion of these items are Level 3 fair value financial statement items which require the use of unobservable inputs that are significant to the estimation of the items' fair values. Unobservable inputs reflect the Company's own judgments about the factors that market participants use in pricing an asset or liability, and are based on the best information available under the circumstances.

Due to the difficulty in estimating the fair values of Level 3 fair value financial statement items, the Manager has assigned responsibility for estimating fair value of these items to specialized staff and subjects the valuation process to significant executive management oversight. The Manager's Financial Analysis and Valuation group (the FAV group) is responsible for estimating the fair values of Level 3 fair value financial statement items other than IRLCs and maintaining its valuation policies and procedures.

With respect to its Level 3 valuations, the FAV group reports to PCM's valuation committee, which oversees and approves the valuations. The FAV group monitors the models used for valuation of the Company's non-IRLC Level 3 fair value financial statement items, including the models' performance versus actual results, and reports those results to PCM's valuation committee. PCM's valuation committee includes PFSI's chief executive, financial, operating, risk and asset/liability management officers.

The FAV group is responsible for reporting to PCM's valuation committee on a monthly basis on the changes in the valuation of the financial statement items, including major factors affecting the valuation and any changes in model methods and inputs. To assess the reasonableness of its valuations, the FAV group presents an analysis of the effect on the valuation of changes to the significant inputs to the models.

The fair value of the Company's IRLCs is developed by the Manager's Capital Markets Risk Management staff and is reviewed by the Manager's Capital Markets Operations group.

The following is a description of the techniques and inputs used in estimating the fair values of Level 2 and Level 3 fair value financial statement items:

Mortgage-Backed Securities

The Company's MBS include Agency and senior non-agency MBS. The Company categorizes its current holdings of MBS as Level 2 fair value financial statement items. Fair value of these MBS is established based on quoted market prices for the Company's MBS or similar securities.

Mortgage Loans

Fair value of mortgage loans is estimated based on whether the mortgage loans are saleable into active markets:

Mortgage loans that are saleable into active markets, comprised of the Company's mortgage loans acquired for sale at fair value and mortgage loans at fair value held in a VIE, are categorized as Level 2 fair value financial statement items. The fair values of mortgage loans acquired for sale at fair value are established using their quoted market or contracted price or market price equivalent. For the mortgage loans at fair value held in a VIE, the fair values of all of the individual securities issued by the securitization trust are used to derive a fair value for the mortgage loans. The Company obtains indications of fair value from nonaffiliated brokers based on comparable securities and validates the brokers' indications of fair value using pricing models and inputs the Manager believes are similar to the models and inputs used by other market participants.

Mortgage loans that are not saleable into active markets, comprised of the Company's mortgage loans at fair value held outside the VIE are categorized as Level 3 fair value financial statement items and their fair values are estimated using a discounted cash flow approach. Inputs to the discounted cash flow model include current interest rates, loan amount, payment status, property type, discount rates and forecasts of future interest rates, home prices, prepayment speeds, default speeds, loss severities and contracted selling price where applicable.

Table of Contents

The valuation process includes the computation by stratum of the mortgage loans' fair values and a review for reasonableness of various measures such as weighted average life, projected prepayment and default speeds, and projected default and loss percentages. The FAV group computes the effect on the valuation of changes in inputs such as interest rates, home prices, and delinquency status to assess the reasonableness of changes in the mortgage loan valuation.

Changes in fair value attributable to changes in instrument-specific credit risk are measured by the effect on fair value of the change in the respective mortgage loan's delinquency status and history at period-end from the later of the beginning of the period or acquisition date.

The significant unobservable inputs used in the fair value measurement of the Company's mortgage loans at fair value are discount rate, home price projections, voluntary prepayment speeds and default speeds. Significant changes in any of those inputs in isolation could result in a significant change to the mortgage loans' fair value measurement. Increases in home price projections are generally accompanied by an increase in voluntary prepayment speeds.

Following is a quantitative summary of key inputs used in the valuation of mortgage loans at fair value:

Key inputs	March 31,		December 31, 2015	
	2016			
Discount rate				
Range	2.5%	15.0%	2.5%	15.0%
Weighted average	6.8%		7.1%	
Twelve-month projected housing price index change				
Range	1.7%	5.9%	1.5%	5.1%
Weighted average	3.7%		3.6%	
Prepayment speed (1)				
Range	0.1%	10.6%	0.1%	9.6%
Weighted average	3.8%		3.7%	
Total prepayment speed (2)				
Range	0.6%	25.9%	0.5%	27.2%
Weighted average	20.0%		19.6%	

(1) Prepayment speed is measured using Life Voluntary Conditional Prepayment Rate (CPR).

(2) Total prepayment speed is measured using Life Total CPR.

Excess Servicing Spread Purchased from PFSI

The Company categorizes ESS as a Level 3 fair value financial statement item. The Company uses a discounted cash flow approach to estimate the fair value of ESS. The key inputs used in the estimation of the fair value of ESS include prepayment speed and discount rate. Significant changes to those inputs in isolation may result in a significant change in the ESS fair value measurement. Changes in these key inputs are not necessarily directly related.

ESS is generally subject to loss in fair value when interest rates decrease. Decreasing mortgage rates normally encourage increased mortgage refinancing activity. Increased refinancing activity reduces the life of the mortgage loans underlying the ESS, thereby reducing the fair value of ESS. Reductions in the fair value of ESS affect income primarily through change in fair value.

Table of Contents

Following are the key inputs used in determining the fair value of ESS:

Key inputs	March 31, 2016	December 31, 2015
UPB of underlying mortgage loans (in thousands)	\$38,076,993	\$51,966,405
Average servicing fee rate (in basis points)	34	32
Average ESS rate (in basis points)	19	17
Pricing spread (1)		
Range	4.8% - 6.5%	4.8% - 6.5%
Weighted average	5.8%	5.7%
Life (in years)		
Range	1.8 - 9.3	1.4 - 9.0
Weighted average	6.8	6.9
Annual total prepayment speed (2)		
Range	6.2% - 44.5%	5.2% - 52.4%
Weighted average	11.0%	9.6%

(1) Pricing spread represents a margin that is applied to a reference interest rate's forward rate curve to develop periodic discount rates. The Company applies a pricing spread to the United States Dollar London Interbank Offered Rate (LIBOR) curve for purposes of discounting cash flows relating to ESS.

(2) Prepayment speed is measured using Life Total CPR.

Derivative Financial Instruments

The Company categorizes IRLCs as a Level 3 fair value financial statement item. The Company estimates the fair value of IRLCs based on quoted Agency MBS prices, its estimate of the fair value of the MSRs it expects to receive in the sale of the mortgage loans and the probability that the mortgage loan will be purchased under the commitment as a percentage of the commitments it has made (the pull-through rate).

The significant unobservable inputs used in the fair value measurement of the Company's IRLCs are the pull-through rate and the MSR component of the Company's estimate of the fair value of the mortgage loans it has committed to purchase. Significant changes in the pull-through rate or the MSR component of the IRLCs, in isolation, may result in a significant change in fair value. The financial effects of changes in these inputs are generally inversely correlated as increasing interest rates have a positive effect on the fair value of the MSR component of IRLC value, but increase the pull-through rate for mortgage loan principal and interest payment cash flows that have decreased in fair value.

Following is a quantitative summary of key unobservable inputs used in the valuation of IRLCs:

Key inputs	March 31, 2016	December 31, 2015
Pull-through rate		
Range	52.4% - 100.0%	60.2% - 100.0%
Weighted average	89.9%	92.4%
MSR value expressed as:		

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Servicing fee multiple		
Range	1.9 - 6.1	2.1 - 6.2
Weighted average	4.9	4.9
Percentage of UPB		
Range	0.5% - 1.5%	0.5% - 3.8%
Weighted average	1.2%	1.2%

The Company estimates the fair value of commitments to sell mortgage loans based on quoted MBS prices. The Company estimates the fair value of the interest rate options and futures it uses as hedging derivatives based on observed interest rate volatilities in the MBS market. These derivative financial instruments are categorized by the Company as Level 2 fair value financial statement items.

Table of Contents*Real Estate Acquired in Settlement of Loans*

REO is measured based on its fair value on a nonrecurring basis and is categorized as a Level 3 fair value financial statement item. Fair value of REO is established by using a current estimate of fair value from a broker's price opinion or a full appraisal, or the price given in a current contract of sale.

REO fair values are reviewed by the Manager's staff appraisers when the Company obtains multiple indications of fair value and there is a significant difference between the fair values received. PCM's staff appraisers will attempt to resolve the difference between the indications of fair value. In circumstances where the appraisers are not able to generate adequate data to support a fair value conclusion, the staff appraisers will order an additional appraisal to determine the fair value.

Mortgage Servicing Rights

MSRs are categorized as Level 3 fair value financial statement items. The Company uses a discounted cash flow approach to estimate the fair value of MSRs. The key inputs used in the estimation of the fair value of MSRs include the applicable pricing spread, prepayment and default rates of the underlying mortgage loans, and annual per-loan cost to service mortgage loans, all of which are unobservable. Significant changes to any of those inputs in isolation could result in a significant change in the MSR fair value measurement. Changes in these key inputs are not necessarily directly related.

MSRs are generally subject to loss in fair value when mortgage interest rates decrease. Decreasing mortgage interest rates normally encourage increased mortgage refinancing activity. Increased refinancing activity reduces the life of the underlying mortgage loans, thereby reducing MSR fair value. Reductions in the fair value of MSRs affect income primarily through change in fair value and change in impairment. For MSRs backed by mortgage loans with historically low interest rates, factors other than interest rates (such as housing price changes) take on increasing influence on prepayment behavior of the underlying mortgage loans.

Following are the key inputs used in determining the fair value of MSRs at the time of initial recognition:

	Quarter ended March 31,							
	2016				2015			
	Amortized		Fair		Amortized		Fair	
	cost		value		cost		value	
(MSR recognized and UPB of underlying mortgage loan amounts in thousands)								
MSR recognized	\$32,862		\$3,300		\$25,554		\$1,906	
Key inputs								
UPB of underlying mortgage loans	\$2,759,545		\$327,025		\$2,282,756		\$223,653	
Weighted-average annual servicing fee rate (in basis points)	25		26		26		26	
Pricing spread (1)								
Range	7.2%	10.2%	7.2%	7.2%	6.8%	17.5%	10.3%	14.3%
Weighted average	7.2%		7.2%		8.6%		11.0%	
Life (in years)								
Range	1.4	12.3	2.3	9.4	1.3	7.7	2.6	7.2
Weighted average	7.0		5.6		6.5		5.9	

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Annual total prepayment speed (2)								
Range	3.6%	49.2%	7.2%	34.8%	7.6%	51.0%	8.6%	33.3%
Weighted average	10.4%		15.7%		9.3%		13.8%	
Annual per-loan cost of servicing								
Range	\$68	\$68	\$68	\$68	\$62	\$134	\$62	\$62
Weighted average	\$68		\$68		\$63		\$62	

- (1) The Company applies a pricing spread to the United States Dollar LIBOR curve for purposes of discounting cash flows relating to MSRs acquired as proceeds from the sale of mortgage loans.
- (2) Prepayment speed is measured using Life Total CPR.

Table of Contents

Following is a quantitative summary of key inputs used in the valuation of MSR as of the dates presented, and the effect on the fair value from adverse changes in those inputs:

	March 31, 2016				December 31, 2015			
	Amortized cost		Fair value		Amortized cost		Fair value	
	(Carrying value, UPB of underlying mortgage loan and effect on fair value amounts in thousands)							
Carrying value	\$394,026		\$61,071		\$393,157		\$66,584	
Key inputs:								
UPB of underlying mortgage loans	\$37,479,123		\$6,728,493		\$35,841,654		\$6,458,684	
Weighted-average annual servicing fee rate (in basis points)	26		25		26		25	
Weighted-average note interest rate	3.9%		4.7%		3.9%		4.7%	
Pricing spread (1)								
Range	7.2%	10.7%	7.2%	10.2%	7.2%	10.7%	7.2%	10.2%
Weighted average	7.2%		7.2%		7.3%		7.2%	
Effect on fair value of (2):								
5% adverse change	\$(5,953)		\$(849)		\$(6,411)		\$(944)	
10% adverse change	\$(11,736)		\$(1,675)		\$(12,635)		\$(1,862)	
20% adverse change	\$(22,815)		\$(3,257)		\$(24,553)		\$(3,621)	
Weighted average life (in years)								
Range	1.4 - 6.9		2.0 - 5.4		1.3 - 7.7		2.5 - 6.1	
Weighted average	6.5		5.4		7.2		6.1	
Prepayment speed (3)								
Range	9.8%	50.6%	10.4%	37.6%	8.1%	51.5%	9.2%	32.5%
Weighted average	11.5%		15.7%		9.6%		13.2%	
Effect on fair value of (2):								
5% adverse change	\$(9,184)		\$(1,939)		\$(8,159)		\$(1,793)	
10% adverse change	\$(17,998)		\$(3,779)		\$(16,024)		\$(3,502)	
20% adverse change	\$(34,602)		\$(7,186)		\$(30,938)		\$(6,692)	
Annual per-loan cost of servicing								
Range	\$68	\$68	\$68	\$68	\$68	\$68	\$68	\$68
Weighted average	\$68		\$68		\$68		\$68	
Effect on fair value of (2):								
5% adverse change	\$(2,718)		\$(452)		\$(2,742)		\$(470)	
10% adverse change	\$(5,435)		\$(904)		\$(5,484)		\$(940)	
20% adverse change	\$(10,870)		\$(1,807)		\$(10,968)		\$(1,880)	

- (1) The Company applies a pricing spread to the United States Dollar LIBOR curve for purposes of discounting cash flows relating to MSRs.
- (2) For MSRs carried at fair value, an adverse change in one of the above-mentioned key inputs is expected to result in a reduction in fair value which will be recognized in income. For MSRs carried at lower of amortized cost or fair value, an adverse change in one of the above-mentioned key inputs may result in recognition of MSR

impairment. The extent of the recognized MSR impairment will depend on the relationship of fair value to the carrying value of such MSRs.

(3) Prepayment speed is measured using Life Total CPR.

The preceding sensitivity analyses are limited in that they were performed at a particular point in time; only account for the estimated effect of the movements in the indicated inputs; do not incorporate changes in the inputs in relation to other inputs; are subject to the accuracy of various models and inputs used; and do not incorporate other factors that would affect the Company's overall financial performance in such scenarios, including operational adjustments made by the Manager to account for changing circumstances. For these reasons, the preceding estimates should not be viewed as earnings forecasts.

Table of Contents*Securities Sold Under Agreements to Repurchase*

Fair value of securities sold under agreements to repurchase is based on the accrued cost of the agreements, which approximates the fair values of the agreements, due to the short maturities of such agreements.

Note 8 Mortgage Loans Acquired for Sale at Fair Value

Mortgage loans acquired for sale at fair value is comprised of recently originated mortgage loans purchased by the Company for resale. Following is a summary of the distribution of the Company's mortgage loans acquired for sale at fair value:

Loan type	March 31, 2016		December 31, 2015	
	Fair value	Unpaid principal balance	Fair value	Unpaid principal balance
(in thousands)				
Conventional:				
Agency-eligible	\$ 705,089	\$ 674,703	\$ 540,947	\$ 525,192
Jumbo	13,621	13,426	54,613	54,096
Held for sale to PLS – Government insured or guaranteed	596,166	565,086	669,288	637,666
Commercial real estate	18,985	18,989	14,590	14,461
Mortgage loans repurchased pursuant to representations and warranties	5,772	6,212	4,357	4,604
	\$ 1,339,633	\$ 1,278,416	\$ 1,283,795	\$ 1,236,019
Mortgage loans pledged to secure:				
Assets sold under agreements to repurchase	\$ 1,245,625		\$ 1,204,462	
Mortgage loan participation and sale agreements	\$ 64,794		\$	
Federal Home Loan Bank (FHLB) advances	\$		\$ 63,993	

The Company is not approved by Ginnie Mae as an issuer of Ginnie Mae-guaranteed securities which are backed by government-insured or guaranteed mortgage loans. The Company transfers government-insured or guaranteed mortgage loans that it purchases from correspondent lenders to PLS, which is a Ginnie Mae-approved issuer, and earns a sourcing fee of three basis points on the UPB plus interest earned during the period it holds each such mortgage loan.

Note 9 Derivative Financial Instruments

The Company enters into CRT Agreements whereby it retains a portion of the credit risk relating to mortgage loans it sells into Fannie Mae guaranteed securitizations in exchange for a portion of the contractual guarantee fee related to such securitizations. The fair values of the credit guarantees and the Company's right to the related guarantee fee are accounted for as a derivative financial instrument. IRLCs are generated in the normal course of business when the Company commits to purchase mortgage loans acquired for sale. The Company's remaining derivative financial instrument transactions are in support of its interest rate risk management activities.

The Company engages in interest rate risk management activities in an effort to reduce the variability of earnings caused by changes in interest rates. To manage the price risk resulting from interest rate risk, the Company uses derivative financial instruments acquired with the intention of moderating the risk that changes in market interest rates will result in unfavorable changes in the fair value of the Company's MBS, inventory of mortgage loans acquired for sale, mortgage loans held by VIE, ESS, IRLCs and MSRs. The Company records all derivative financial instruments at fair value and records changes in fair value in current period income.

The Company is exposed to price risk relative to the IRLCs it issues to correspondent lenders and to the mortgage loans it purchases as a result of issuing the IRLCs. The Company bears price risk from the time an IRLC is issued to a correspondent lender to the time the purchased mortgage loan is sold. The Company is exposed to loss if mortgage interest rates increase, because interest rate increases generally cause the fair value of the purchase commitment or mortgage loan acquired for sale to decrease.

The Company is also exposed to risk relative to the fair value of its MSRs and ESS. The Company is exposed to loss in fair value of its MSRs and ESS when interest rates decrease. The Company includes MSRs and ESS in its hedging activities.

Table of Contents

The Company uses Eurodollar futures, which settle daily, with the intention of moderating the risk of changing market interest rates that will result in unfavorable changes in the fair value of the Company's fixed-rate assets and economic performance of its LIBOR-indexed variable interest rate repurchase agreement liabilities.

The Company had the following derivative assets and liabilities and related margin deposits recorded within *Derivative assets* and *Derivative liabilities* on the consolidated balance sheets:

Instrument	March 31, 2016			December 31, 2015		
	Notional amount	Fair value Derivative assets	Fair value Derivative liabilities (in thousands)	Notional amount	Fair value Derivative assets	Fair value Derivative liabilities
Derivatives not designated as hedging instruments:						
Free-standing derivatives:						
Interest rate lock commitments	1,234,894	\$ 9,372	\$ 37	970,067	\$ 4,983	\$ 337
Used for hedging purposes:						
Forward sales contracts	3,466,697	138	19,884	2,450,642	2,604	2,680
Forward purchase contracts	2,981,134	20,795	15	2,469,550	2,444	3,774
MBS put options	425,000	64		375,000	93	
Swap futures	12,500					
Eurodollar future sales contracts	1,734,000			1,755,000		
Call options on interest rate futures	1,250,000	3,949	895	50,000	1,156	305
Put options on interest rate futures	1,525,000	414		1,600,000	1,512	39
CRT Agreements	5,931,409		4,218	4,546,265	593	
Total derivative instruments before netting		34,732	25,049		13,385	7,135
Netting		(16,270)	(11,561)		(3,300)	(3,978)
		\$ 18,462	\$ 13,488		\$ 10,085	\$ 3,157
(Collateral received from) margin deposits with derivatives counterparties						
		\$ (4,709)			\$ 678	

The following tables summarize the notional amount activity for derivative arising from CRT Agreements and derivative contracts used to hedge the Company's IRLCs, inventory of mortgage loans acquired for sale, MSRs, mortgage loans at fair value held in a VIE and MBS.

Instrument	Quarter ended March 31, 2016			
	Balance, beginning of period	Additions	Dispositions/ expirations	Balance, end of period

	(in thousands)			
Forward sales contracts	2,450,642	14,153,873	(13,137,818)	3,466,697
Forward purchase contracts	2,469,550	10,068,440	(9,556,856)	2,981,134
MBS call options	375,000	750,000	(700,000)	425,000
Swap futures		12,500		12,500
Eurodollar future sale contracts	1,755,000	80,000	(101,000)	1,734,000
Call options on interest rate futures	50,000	1,300,000	(100,000)	1,250,000
Put options on interest rate futures	1,600,000	2,050,000	(2,125,000)	1,525,000
CRT Agreements	4,546,265	1,923,113	(537,969)	5,931,409

Table of Contents

Instrument	Balance, beginning of period	Quarter ended March 31, 2015		Balance, end of period
		Additions	Dispositions/ expirations	
		(in thousands)		
Forward sales contracts	1,601,283	9,829,527	(8,472,318)	2,958,492
Forward purchase contracts	1,100,700	7,047,676	(6,015,760)	2,132,616
MBS put option	340,000	405,000	(555,000)	190,000
Eurodollar future sale contracts	7,426,000	100,000	(1,171,000)	6,355,000
Eurodollar future purchase contracts	800,000		(800,000)	
Treasury future sale contracts	85,000	96,500	(96,500)	85,000
Call options on interest rate futures	1,030,000	640,000	(505,000)	1,165,000
Put options on interest rate futures	275,000	1,120,000	(375,000)	1,020,000

Following are the net gains (losses) recognized by the Company on derivative financial instruments and the income statement line items where such gains and losses are included:

	Income statement line	Quarter ended March 31,	
		2016	2015
		(in thousands)	
Interest rate lock commitments	Net gain on mortgage loans acquired for sale	\$ 31,364	\$ 19,412
Hedged item:			
Interest rate lock commitments and mortgage loans acquired for sale	Net gain on mortgage loans acquired for sale	\$ (30,672)	\$ (15,111)
Mortgage servicing rights	Net loan servicing fees	\$ 29,960	\$ 11,076
Fixed-rate assets and LIBOR- indexed repurchase agreements	Net gain on investments	\$ (162)	\$ (10,038)
CRT agreements	Net gain on investments	\$ (4,143)	\$

Note 10 Mortgage Loans at Fair Value

Mortgage loans at fair value are comprised of mortgage loans that are not acquired for sale and, to the extent they are not held in a VIE securing an asset-backed financing, may be sold at a later date pursuant to a management determination that such a sale represents the most advantageous liquidation strategy for the identified mortgage loan.

Table of Contents

Following is a summary of the distribution of the Company's mortgage loans at fair value:

Loan type	March 31, 2016		December 31, 2015	
	Fair value	Unpaid principal balance	Fair value	Unpaid principal balance
(in thousands)				
Distressed mortgage loans				
Nonperforming mortgage loans	\$ 1,087,089	\$ 1,502,248	\$ 1,222,956	\$ 1,702,548
Performing mortgage loans:				
Fixed interest rate	458,662	578,951	417,658	535,610
Interest rate step-up	341,111	463,396	299,569	412,749
Adjustable-rate/hybrid	160,519	186,000	160,051	185,997
Balloon	182	202	160	204
	960,474	1,228,549	877,438	1,134,560
Fixed interest rate jumbo mortgage loans held in a VIE	449,215	442,637	455,394	454,935
	\$ 2,496,778	\$ 3,173,434	\$ 2,555,788	\$ 3,292,043
Mortgage loans at fair value pledged to secure:				
Assets sold under agreements to repurchase	\$ 2,014,446		\$ 2,067,341	
FHLB advances	\$		\$ 134,172	
Asset-backed financing of the VIE at fair value	\$ 449,215		\$ 455,394	

Following is a summary of certain concentrations of credit risk in the portfolio of distressed mortgage loans at fair value:

Concentration	March 31, 2016	December 31, 2015
	(percentages are of fair value)	
Portion of mortgage loans originated between 2005 and 2007	72%	72%
Percentage of fair value of mortgage loans with unpaid-principal balance-to-current-property-value in excess of 100%	42%	48%
Percentage of mortgage loans secured by California real estate	22%	22%
Additional states contributing 5% or more of mortgage loans	New York New Jersey Florida	New York New Jersey Florida

Table of Contents**Note 11 Real Estate Acquired in Settlement of Loans**

Following is a summary of financial information relating to REO:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Balance at beginning of period	\$ 341,846	\$ 303,228
Transfers from mortgage loans at fair value and advances	60,494	86,117
Transfer of real estate acquired in settlement of mortgage loans to real estate held for investment	(4,184)	
Results of REO:		
Valuation adjustments, net	(10,645)	(11,400)
Gain on sale, net	4,609	5,568
	(6,036)	(5,832)
Proceeds from sales	(64,908)	(65,977)
Balance at end of period	\$ 327,212	\$ 317,536
At period end:		
REO pledged to secure assets sold under agreements to repurchase	\$ 200,766	\$ 71,716
REO held in a consolidated subsidiary whose stock is pledged to secure financings of such properties	\$ 56,528	\$ 128,788

Note 12 Mortgage Servicing Rights

Carried at Fair Value:

Following is a summary of MSRs carried at fair value:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Balance at beginning of period	\$ 66,584	\$ 57,358
Purchases	2,602	
MSRs resulting from mortgage loan sales	3,300	1,906
Changes in fair value:		
Due to changes in valuation inputs used in valuation model (1)	(8,952)	(8,194)
Other changes in fair value (2)	(2,463)	(1,622)

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

	(11,415)	(9,816)
Balance at end of period	\$ 61,071	\$ 49,448
MSRs pledged to secure notes payable at period end	\$ 61,071	\$

- (1) Principally reflects changes in pricing spread (discount rate) and prepayment speed inputs, primarily due to changes in market interest rates.
- (2) Represents changes due to realization of expected cash flows.

Table of Contents

Carried at Lower of Amortized Cost or Fair Value:

Following is a summary of MSR's carried at lower of amortized cost or fair value:

	Quarter ended March 31, 20162015 (in thousands)	
Amortized Cost:		
Balance at beginning of period	\$ 404,101	\$ 308,137
MSRs resulting from mortgage loan sales	32,862	25,554
Amortization	(14,287)	(9,592)
Sales		(293)
Balance at end of period	422,676	323,806
Valuation Allowance:		
Balance at beginning of period	(10,944)	(7,715)
Additions	(17,706)	(6,379)
Balance at end of period	(28,650)	(14,094)
MSRs, net	\$ 394,026	\$ 309,712
Fair value at beginning of period	\$ 424,154	\$ 322,230
Fair value at end of period	\$ 405,635	\$ 327,703
MSRs pledged to secure notes payable	\$ 394,026	\$

The following table summarizes the Company's estimate of future amortization of its existing MSR's carried at amortized cost. This estimate was developed with the inputs used in the March 31, 2016 valuation of MSR's. The inputs underlying the following estimate will change as market conditions and portfolio composition and behavior change, causing both actual and projected amortization levels to change over time.

12 months ended March 31,	Estimated MSR amortization (in thousands)
2017	\$ 59,226
2018	50,401
2019	43,243
2020	37,530
2021	32,801
Thereafter	199,475
Total	\$ 422,676

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Servicing fees relating to MSRs are recorded in *Net mortgage loan servicing fees* on the Company's consolidated statements of income and are summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Contractually-specified servicing fees	\$ 27,779	\$ 21,588

Table of Contents**Note 13 Assets Sold Under Agreements to Repurchase**

Following is a summary of financial information relating to assets sold under agreements to repurchase:

	Quarter ended March 31,	
	2016	2015
	(dollars in thousands)	
During the period:		
Weighted-average interest rate (1)	2.23%	2.33%
Average balance	\$ 2,797,301	\$ 2,847,915
Total interest expense	\$ 20,412	\$ 18,912
Maximum daily amount outstanding	\$ 3,577,236	\$ 3,860,671

- (1) Excludes the effect of amortization of debt issuance costs of \$2.1 million and \$2.3 million for the quarters ended March 31, 2016 and 2015, respectively.

	March 31, 2016	December 31, 2015
	(dollars in thousands)	
Carrying value:		
Amount outstanding	\$ 3,246,095	\$ 3,130,328
Unamortized debt issuance costs	(1,081)	(1,548)
	\$ 3,245,014	\$ 3,128,780
Weighted-average interest rate	2.46%	2.33%
Available borrowing capacity:		
Committed	\$ 176,033	\$ 231,913
Uncommitted	1,059,224	661,756
	\$ 1,235,257	\$ 893,669
Margin deposits placed with counterparties included in <i>Other</i> assets	\$ 6,939	\$ 7,268
Fair value of assets securing agreements to repurchase:		
Mortgage-backed securities	\$ 364,439	\$ 313,753
Mortgage loans acquired for sale at fair value	1,245,625	1,204,462
Mortgage loans at fair value	2,014,446	2,067,341
Real estate acquired in settlement of loans	257,294	283,343
Restricted cash included in <i>Other</i> assets	180,992	
	\$ 4,062,796	\$ 3,868,899

Following is a summary of maturities of outstanding assets sold under agreements to repurchase by facility maturity date:

Remaining Maturity at March 31, 2016	Contractual balance (in thousands)
Within 30 days	\$ 245,478
Over 30 to 90 days	305,775
Over 90 days to 180 days	250,396
Over 180 days to 1 year	2,444,446
Over 1 year to 2 years	
	\$ 3,246,095
Weighted average maturity (in months)	8

The Company is subject to margin calls during the period the agreements are outstanding and therefore may be required to repay a portion of the borrowings before the respective agreements mature if the fair value (as determined by the applicable lender) of the assets securing those agreements decreases. Margin deposits are included in *Other* assets in the consolidated balance sheets.

Table of Contents

The amount at risk (the fair value of the assets pledged plus the related margin deposit, less the amount advanced by the counterparty and interest payable) and maturity information relating to the Company's assets sold under agreements to repurchase is summarized by counterparty below as of March 31, 2016:

Mortgage loans acquired for sale, Mortgage loans and REO sold under agreements to repurchase

Counterparty	Amount at risk (in thousands)	Weighted-average repurchase agreement maturity	Facility maturity
Citibank, N.A.	\$ 352,362	May 15, 2016	October 20, 2016
Credit Suisse First Boston Mortgage Capital LLC	\$ 278,944	June 24, 2016	March 30, 2017
JPMorgan Chase & Co.	\$ 151,873	-	January 26, 2017
Bank of America, N.A.	\$ 37,910	June 22, 2016	March 29, 2017
Morgan Stanley	\$ 17,903	May 23, 2016	December 16, 2016
Barclays	\$ 970	June 12, 2016	September 13, 2016

Securities sold under agreements to repurchase

Counterparty	Amount at risk (in thousands)	Weighted average maturity
JPMorgan Chase & Co.	\$ 52,898	April 8, 2016
Bank of America, N.A.	\$ 16,153	April 21, 2016
Daiwa Capital Markets America Inc.	\$ 9,370	May 9, 2016
BNP Paribas Corporate & Institutional Banking	\$ 3,469	April 18, 2019
Citibank, N.A.	\$ 527	June 30, 2016

The following is a summary of the tangible net worth, as defined in the respective borrowing agreements, and minimum required amounts for the Company and certain of its subsidiaries at March 31, 2016 to comply with the debt covenants contained in the borrowing agreements:

Entity	Tangible net worth as of March 31, 2016	
	Balance	Minimum required
	(in thousands)	
PennyMac Mortgage Investment Trust	\$ 1,414,503	\$ 860,000
Operating Partnership	\$ 1,453,675	\$ 700,000
PennyMac Holdings, LLC	\$ 878,764	\$ 250,000
PennyMac Corp.	\$ 403,394	\$ 150,000

Note 14 Mortgage Loan Participation and Sale Agreements

Two of the borrowing facilities secured by mortgage loans acquired for sale are in the form of mortgage loan participation and sale agreements. Participation certificates, each of which represents an undivided beneficial ownership interest in a pool of mortgage loans that have been pooled with Fannie Mae or Freddie Mac, are sold to the lender pending the securitization of such mortgage loans and the sale of the resulting security. A commitment between the Company and a nonaffiliate to sell such security is also assigned to the lender at the time a participation certificate is sold.

The purchase price paid by the lender for each participation certificate is based on the trade price of the security, plus an amount of interest expected to accrue on the security to its anticipated delivery date, minus a present value adjustment, any related hedging costs and a holdback amount that is based on a percentage of the purchase price and is not required to be paid to the Company until the settlement of the security and its delivery to the lender.

Table of Contents

Mortgage loan participation and sale agreements are summarized below:

	Quarter ended March 31,	
	2016	2015
	(dollars in thousands)	
During the period:		
Weighted-average interest rate (1)	1.68%	1.42%
Average balance	\$ 68,598	\$ 43,547
Total interest expense	\$ 327	\$ 207
Maximum daily amount outstanding	\$ 97,672	\$ 92,940

- (1) Excludes the effect of amortization of debt issuance costs of \$36,000 and \$52,000 for the quarters ended March 31, 2016 and 2015.

	March 31, 2016
	(dollars in thousands)
Carrying value:	
Amount outstanding	\$ 62,400
Unamortized debt issuance costs	
	\$ 62,400
Weighted-average interest rate	1.69%
Mortgage loans acquired for sale pledged to secure mortgage loan participation and sale agreements	\$ 64,794

Note 15 Federal Home Loan Bank Advances

In June 2015, the Company entered into a collateral, pledge, and security agreement with the Federal Home Loan Bank of Des Moines with no specified termination date. The Company was able to request advances up to a maximum of \$400.0 million.

On January 12, 2016, the Federal Housing Finance Agency (FHFA) issued a final rule establishing new requirements for membership in the Federal Home Loan Banks. The final rule excludes captive insurance companies such as the Company's insurance subsidiary, Copper Insurance, LLC, from membership.

For captive insurance companies that became members since the rule was proposed in 2014, including Copper Insurance, LLC, membership must be terminated within one year, and no additional advances may be made. Accordingly, the Company has repaid all of the advances outstanding as of March 31, 2016.

The FHLB advances are summarized below:

**Quarter ended
March 31, 2016
(dollars in thousands)**

During the period:		
Weighted-average interest rate		0.49%
Average balance	\$	98,038
Total interest expense	\$	122
Maximum daily amount outstanding	\$	201,130

**December 31,
2015
(dollars in
thousands)**

Carrying value	\$	183,000
Weighted-average interest rate		0.30%
Fair value of assets securing FHLB advances:		
Mortgage-backed securities	\$	8,720
Mortgage loans acquired for sale at fair value		63,993
Mortgage loans at fair value		134,172
	\$	206,885

Table of Contents

Note 16 Notes Payable

On March 31, 2015, the Company, through PMC, entered into a Loan and Security Agreement with Citibank, N.A., pursuant to which PMC may finance certain of its MSR's relating to mortgage loans pooled into Freddie Mac MBS in an aggregate loan amount not to exceed \$125 million. The note matures on October 20, 2016.

On September 14, 2015, the Company, through PMC, entered into a Loan and Security Agreement with Barclays Bank PLC (Barclays), pursuant to which PMC may finance certain of its MSR's relating to mortgage loans pooled into Fannie Mae MBS in an aggregate loan amount not to exceed \$200 million. The note matures on September 13, 2016, subject to a wind down period of up to one year following such maturity date.

Following is a summary of financial information relating to the notes payable:

	Quarter ended March 31, 2016 (dollars in thousands)
During the period:	
Weighted-average interest rate (1)	4.59%
Average balance	\$ 213,616
Total interest expense	\$ 3,344
Maximum daily amount outstanding	\$ 234,476

(1) Excludes the effect of amortization of debt issuance costs of \$825,000 for the quarter ended March 31, 2016.

	March 31, 2016	December 31, 2015
	(dollars in thousands)	
Carrying value:		
Amount outstanding	\$ 206,228	\$ 236,107
Unamortized debt issuance costs	(37)	(92)
	\$ 206,191	\$ 236,015
Weighted-average interest rate	4.59%	4.53%
MSR's pledged to secure notes payable	\$ 455,097	\$ 459,741

Note 17 Asset-Backed Financing of a Variable Interest Entity at Fair Value

Following is a summary of financial information relating to the asset-backed financing of a VIE:

	Quarter ended March 31, 2016	2015
	(dollars in thousands)	
During the period:		

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Weighted-average fair value	\$ 315,991	\$ 165,522
Interest expense	\$ 1,352	\$ 1,583
Weighted-average effective interest rate	3.34%	3.83%

March 31, 2016 December 31, 2015

(dollars in thousands)

Carrying value	\$ 344,693	\$ 247,690
UPB	\$ 339,449	\$ 248,284
Weighted-average interest rate	3.50%	3.50%

The asset-backed financing of a VIE is a non-recourse liability and secured solely by the assets of a consolidated VIE and not by any other assets of the Company. The assets of the VIE are the only source of funds for repayment of the certificates.

Table of Contents**Note 18 Exchangeable Senior Notes**

PMC issued in a private offering \$250 million aggregate principal amount of the Exchangeable Notes due May 1, 2020. The Exchangeable Notes bear interest at a rate of 5.375% per year, payable semiannually. The Exchangeable Notes are exchangeable into common shares of the Company at a rate of 33.8667 common shares per \$1,000 principal amount of the Exchangeable Notes as of December 31, 2015, which exchange rate increased from the initial exchange rate of 33.5149. The increase in the calculated exchange rate was the result of cumulative cash dividends exceeding the quarterly dividend threshold amount of \$0.57 per share as provided in the related indenture.

Following is financial information relating to the Exchangeable Notes:

	Quarter ended March 31, 2016 2015 (in thousands)	
During the period:		
Weighted-average UPB	\$ 250,000	\$ 250,000
Interest expense (1)	\$ 3,612	\$ 3,597

- (1) Total interest expense includes amortization of debt issuance costs of \$253,000 and \$239,000 during the quarters ended March 31, 2016 and 2015, respectively.

	March 31, 2016 (in thousands)	December 31, 2015 (in thousands)
Carrying value:		
UPB	\$ 250,000	\$ 250,000
Unamortized debt issuance costs	(4,693)	(4,946)
	\$ 245,307	\$ 245,054

Note 19 Liability for Losses Under Representations and Warranties

Following is a summary of the Company's liability for losses under representations and warranties:

	Quarter ended March 31, 2016 2015 (in thousands)	
Balance, beginning of period	\$ 20,171	\$ 14,242
Provision for losses		
Pursuant to mortgage loan sales	571	925
	(1,724)	

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Adjustment to previously recorded amount due to
change in estimate

Losses incurred	(306)	(53)
Recoveries		265

Balance, end of period	\$ 18,712	\$ 15,379
------------------------	-----------	-----------

UPB of mortgage loans subject to representations and
warranties at period end

\$ 43,464,887 \$ 35,573,237

Note 20 Commitments and Contingencies

Litigation

From time to time, the Company may be involved in various proceedings, claims and legal actions arising in the ordinary course of business. As of March 31, 2016, the Company was not involved in any such proceedings, claims or legal actions that in management's view would reasonably be likely to have a material adverse effect on the Company.

Table of Contents***Mortgage Loan Commitments***

The following table summarizes the Company's outstanding contractual loan commitments:

	March 31, 2016 (in thousands)
Commitments to purchase mortgage loans:	
Mortgage loans acquired for sale at fair value	\$ 1,234,894

Note 21 Shareholders' Equity***Common Share Repurchases***

During August 2015, the Company's board of trustees authorized a common share repurchase program under which the Company may repurchase up to \$150 million of its outstanding common shares. During February 2016, the Company's board of trustees approved an increase to its share repurchase program pursuant to which the Company is now authorized to repurchase up to \$200 million of its common shares. During the quarter ended March 31, 2016, the Company repurchased 5.2 million common shares at a cost of \$64.5 million for a cumulative total of 6.2 million common shares repurchased at a cost of \$80.8 million under the program. The repurchased common shares were canceled upon settlement of the repurchase transactions and returned to the authorized but unissued share pool.

Common Share Issuances

The Company has entered into an ATM Equity Offering Sales AgreementSM. During the quarters ended March 31, 2016 and 2015, the Company did not sell any common shares under the agreement.

At March 31, 2016, the Company had approximately \$106.9 million of common shares available for issuance under its ATM Equity Offering Sales AgreementSM.

Table of Contents**Note 22 Net Interest Income**

Net interest income is summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Interest income:		
From nonaffiliates:		
Short-term investments	\$ 376	\$ 220
Mortgage-backed securities	2,712	2,633
Mortgage loans acquired for sale at fair value	9,264	7,101
Mortgage loans at fair value	29,186	21,554
Mortgage loans at fair value held by a VIE	5,529	5,413
Other	284	12
	47,351	36,933
From PFSI:		
ESS purchased from PFSI, at fair value	7,015	3,752
	54,366	40,685
Interest expense:		
From nonaffiliates:		
Assets sold under agreements to repurchase	20,412	18,912
Mortgage loans participation and sale agreement	327	207
FHLB advances	122	
Notes payable	3,344	
Asset-backed financings of a VIE at fair value	1,352	1,583
Exchangeable Notes	3,612	3,597
Interest shortfall on repayments of mortgage loans serviced for Agency securitizations	972	1,173
Interest on mortgage loan impound deposits	261	274
	30,402	25,746
From PFSI Note payable	1,602	
	32,004	25,746
Net interest income	\$ 22,362	\$ 14,939

Table of Contents**Note 23 Net Gain on Mortgage Loans Acquired for Sale**

Net gain on mortgage loans acquired for sale is summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Cash loss:		
Mortgage loans	\$ (3,019)	\$ (7,544)
Hedging activities	(32,577)	(12,527)
	(35,596)	(20,071)
Non cash gain:		
Receipt of MSRs in mortgage loan sale transactions	36,162	27,460
Provision for losses relating to representations and warranties provided in mortgage loan sales		
Pursuant to mortgage loans sales	(571)	(925)
Adjustment to previously recorded amount due to change in estimate	1,724	
Change in fair value during the period of financial instruments held at period end:		
IRLCs	4,688	2,554
Mortgage loans	6,737	3,726
Hedging derivatives	1,905	(2,584)
	13,330	3,696
	\$ 15,049	\$ 10,160

Note 24 Net (Loss) Gain on Investments

Net (loss) gain on investments is summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Net (loss) gain on investments:		
From non-affiliates:		
Mortgage-backed securities	\$ 5,099	\$ 1,516
Mortgage loans at fair value	14,395	17,186
Mortgage loans held in a VIE	8,394	1,800
CRT Agreements	(4,143)	
Asset-backed financing of a VIE at fair value	(9,854)	(770)

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Hedging derivatives	(162)	(10,038)
	13,729	9,694
From PFSI ESS	(17,627)	(6,247)
	\$ (3,898)	\$ 3,447

Table of Contents**Note 25 Net Loan Servicing Fees**

Net loan servicing fees are summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Servicing fees (1)	\$ 28,872	\$ 22,629
MSR recapture fee receivable from PFSI	130	
Effect of MSRs:		
Carried at lower of amortized cost or fair value:		
Amortization	(14,287)	(9,592)
Provision for impairment	(17,706)	(6,379)
Gain on sale		83
Carried at fair value change in fair value	(11,415)	(9,816)
Gains on hedging derivatives	29,960	11,076
	(13,448)	(14,628)
Net loan servicing fees	\$ 15,554	\$ 8,001
Average servicing portfolio	\$ 43,253,977	\$ 34,599,043

(1) Includes contractually specified servicing and ancillary fees.

Note 26 Share-Based Compensation Plans

On March 31, 2016 and 2015, the Company had one share-based compensation plan. The Company recognized compensation expense of \$1.0 million and \$2.5 million for the quarters ended March 31, 2016 and 2015, respectively. The Company granted 330,076 and 294,684 restricted share units with a grant date fair value of \$6.3 million and \$6.3 million during the quarters ended March 31, 2016 and 2015, respectively. The 2016 grant includes 112,079 performance-based awards. The Company had vestings of 76,048 and 75,063 restricted share units during the quarters ended March 31, 2016 and 2015, respectively.

Note 27 Other Expenses

Other expenses are summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Common overhead allocation from PFSI (1)	\$ 2,561	\$ 2,392

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Mortgage loan origination	1,121	953
Real estate held for investment	557	
Technology	435	292
Insurance	318	373
Other	644	847
	\$ 5,636	\$ 4,857

- (1) On December 15, 2015, the Operating Partnership amended its management agreement to provide that the total costs and expenses incurred by PFSI in any quarter and reimbursable by the Operating Partnership is capped at an amount equal to the product of (A) 70 basis points (0.0070), multiplied by (B) PMT's shareholders' equity (as defined in the management agreement) as of the last day of the month preceding quarter end, divided by four.

Table of Contents**Note 28 Income Taxes**

The Company's effective tax rate was (31)% and 297% for the quarters ended March 31, 2016 and 2015, respectively. The change in the Company's tax benefit was due primarily to reduced losses before income taxes incurred at the Company's taxable REIT subsidiary. The Company's taxable REIT subsidiary recognized a tax benefit of \$3.5 million on a loss of \$6.0 million while the Company's reported consolidated pretax income was \$11.0 million for the quarter ended March 31, 2016. For the same period in 2015, the taxable REIT subsidiary recognized a tax benefit of \$11.3 million on a loss of \$28.6 million and the Company reported a consolidated pretax loss of \$3.8 million. The relative values between the tax benefit at the taxable REIT subsidiary and the Company's consolidated pretax income drive the fluctuation in the effective tax rate. The primary difference between the Company's effective tax rate and the statutory tax rate is due to non-taxable REIT income resulting from the dividends paid deduction.

In general, cash dividends declared by the Company will be considered ordinary income to shareholders for income tax purposes. Some portion of the dividends may be characterized as capital gain distributions or a return of capital.

Note 29 Segments and Related Information

Financial highlights by operating segment are summarized below:

Quarter ended March 31, 2016	Correspondent production	Investment activities (in thousands)	Total
Net investment income:			
Interest income	\$ 9,023	\$ 45,343	\$ 54,366
Interest expense	(5,119)	(26,885)	(32,004)
	3,904	18,458	22,362
Net gain on mortgage loans acquired for sale	15,049		15,049
Net loss on investments		(3,898)	(3,898)
Net mortgage loan servicing fees		15,554	15,554
Other income (loss)	6,837	(3,688)	3,149
	25,790	26,426	52,216
Expenses:			
Mortgage loan fulfillment, servicing and management fees payable to PFSI	13,354	16,386	29,740
Other	1,527	9,905	11,432
	14,881	26,291	41,172
Pre-tax income	\$ 10,909	\$ 135	\$ 11,044
Total assets at period end	\$ 1,351,098	\$ 4,469,342	\$ 5,820,440

Table of Contents

Quarter ended March 31, 2015	Correspondent production	Investment activities (in thousands)	Total
Net investment income:			
Interest income	\$ 7,112	\$ 33,573	\$ 40,685
Interest expense	(3,820)	(21,926)	(25,746)
	3,292	11,647	14,939
Net gain on mortgage loans acquired for sale	10,160		10,160
Net gain on investments		3,447	3,447
Net mortgage loan servicing fees		8,001	8,001
Other income (loss)	5,351	(4,241)	1,110
	18,803	18,854	37,657
Expenses:			
Mortgage loan fulfillment, servicing and management fees payable to PFSI	13,170	17,369	30,539
Other	1,214	9,724	10,938
	14,384	27,093	41,477
Pre-tax income (loss)	\$ 4,419	\$ (8,239)	\$ (3,820)
Total assets at period end	\$ 1,392,680	\$ 4,344,730	\$ 5,737,410

Note 30 Supplemental Cash Flow Information

	Quarter ended March 31	
	2016	2015
	(in thousands)	
Cash paid for interest	\$ 36,594	\$ 21,188
Income taxes paid, net	\$ 175	\$ 186
Non-cash investing activities:		
Receipt of MSRs as proceeds from sales of mortgage loans	\$ 36,162	\$ 27,460
Transfer of mortgage loans and advances to real estate acquired in settlement of loans	\$ 60,494	\$ 86,117
Transfer of real estate acquired in settlement of mortgage loans to real estate held for investment	\$ 4,184	\$
Receipt of ESS pursuant to recapture agreement with PFSI	\$ 1,911	\$ 1,246
Non-cash financing activities:		
Transfer of mortgage loans at fair value financed under agreements to repurchase to REO financed under agreements to repurchase	\$ 9,710	\$
Dividends payable	\$ 32,695	\$ 46,073

Note 31 Regulatory Capital and Liquidity Requirements

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

PMC is a seller-servicer for Fannie Mae and Freddie Mac. The Company is required to comply with the following minimum capital and liquidity eligibility requirements to remain in good standing with each Agency:

A minimum net worth of a base of \$2.5 million plus 25 basis points of UPB for total 1-4 unit residential mortgage loans serviced;

A tangible net worth/total assets ratio greater than or equal to 6%; and

Liquidity equal to or exceeding 3.5 basis points multiplied by the aggregate UPB of all mortgages secured by 1-4 unit residential properties serviced for Freddie Mac and Fannie Mae (Agency Mortgage Servicing) plus 200 basis points multiplied by the sum of nonperforming (90 or more days delinquent) Agency Mortgage Servicing that exceeds 6% of Agency Mortgage Servicing.

Table of Contents

Such Agencies' capital and liquidity requirements, the calculations of which are defined by each entity, are summarized below:

Agency	March 31, 2016					
	Net Worth ⁽¹⁾		Tangible Net Worth / Total Assets Ratio ⁽¹⁾		Liquidity ⁽¹⁾	
	Actual (in thousands)	Required	Actual (in thousands)	Required	Actual (in thousands)	Required
Fannie Mae	\$ 407,438	\$ 113,019	14%	6%	\$ 30,797	\$ 15,473
Freddie Mac	\$ 407,438	\$ 113,019	14%	6%	\$ 30,797	\$ 15,473

(1) Calculated in compliance with the respective Agency's requirements.

Noncompliance with the respective Agency's capital and liquidity requirements can result in the respective Agency taking various remedial actions up to and including removing the Company's ability to sell loans to and service loans on behalf of the respective Agency.

Note 32 Recently Issued Accounting Pronouncements

In February 2015, the FASB issued ASU 2015-02, *Consolidation (Topic 810): Amendments to the Consolidation Analysis* (ASU 2015-02). ASU 2015-02 affects reporting entities that are required to evaluate whether they should consolidate certain legal entities. ASU 2015-02 modifies the evaluation of whether limited partnerships and similar legal entities are VIEs or voting interest entities, eliminates the presumption that a general partner should consolidate a limited partnership and affects the consolidation analysis of reporting entities that are involved with VIEs, particularly those that have fee arrangements and related party relationships. ASU 2015-02 is effective for fiscal years, and for interim periods within those fiscal years, beginning after December 15, 2015. The Company adopted ASU 2015-02 effective January 1, 2016. The adoption of ASU 2015-02 had no effect on the Company's consolidated financial statements.

On January 5, 2016, the FASB issued ASU 2016-01, *Financial Instruments - Overall: Recognition and Measurement of Financial Assets and Financial Liabilities* (ASU 2016-01). ASU 2016-01 affects the accounting for equity investments, financial liabilities under the fair value option, the presentation and disclosure requirements for financial instruments, and the valuation allowance assessment when recognizing deferred tax assets resulting from unrealized losses on available-for-sale debt securities.

ASU 2016-01 requires that:

All equity investments in unconsolidated entities (other than those accounted for using the equity method of accounting) with readily determinable fair values will generally be measured at fair value through earnings.

When the fair value option has been elected for financial liabilities, changes in fair value due to instrument-specific credit risk will be recognized separately in other comprehensive income. The

accumulated gains and losses due to these changes will be reclassified from accumulated other comprehensive income to earnings if the financial liability is settled before maturity.

For financial instruments measured at amortized cost, public business entities will be required to use the exit price when measuring the fair value of financial instruments for disclosure purposes.

Financial assets and financial liabilities shall be presented separately in the notes to the financial statements, grouped by measurement category (e.g., fair value, amortized cost, lower of cost or fair value) and form of financial asset (e.g., loans, securities).

Public business entities will no longer be required to disclose the methods and significant assumptions used to estimate the fair value of financial instruments carried at amortized cost.

Entities will have to assess the realizability of a deferred tax asset related to a debt security classified as available for sale in combination with the entity's other deferred tax assets.

The classification and measurement guidance will be effective for public business entities in fiscal years beginning after December 15, 2017, including interim periods within those fiscal years. Early adoption of the provision to record fair value changes for financial liabilities under the fair value option resulting from instrument-specific credit risk in other comprehensive income is permitted and can be elected for all financial statements of fiscal years and interim periods that have not yet been issued or that have not yet been made available for issuance. The Company is currently assessing the potential effect that the adoption of ASU 2016-01 will have on its consolidated financial statements.

In March of 2016, The FASB issued ASU 2016-09, Compensation - Stock Compensation (Topic 718): Improvements to Employee Share-Based Payment Accounting (ASU 2016-09). ASU 2016-09 simplifies several aspects of the accounting for share-based payment award transactions, including:

Modifies the accounting for income taxes relating to share-based payments. All excess tax benefits and tax deficiencies (including tax benefits of dividends on share-based payment awards) will be recognized as income tax expense or benefit in the consolidated income statement. The tax effects of exercised or vested awards will be treated as discrete items in the reporting period in which they occur. An entity will recognize excess tax benefits regardless of whether the benefit reduces taxes payable in the current period. Under current GAAP, excess tax benefits are recognized in additional paid-in capital; tax deficiencies are recognized either as an offset to accumulated excess tax benefits, if any, or in the consolidated income statement in the period they reduce income taxes payable.

Table of Contents

Changes the classification of excess tax benefits on the consolidated statement of cash flows. In the consolidated statement of cash flows, excess tax benefits will be classified along with other income tax cash flows as an operating activity. Under current GAAP, excess tax benefits are separated from other income tax cash flows and classified as a financing activity.

Changes the requirement to estimate the number of awards that are expected to vest. Under ASC 2016-09, an entity can make an entity-wide accounting policy election to either estimate the number of awards that are expected to vest as presently required or account for forfeitures when they occur. Under current GAAP, accruals of compensation cost are based on the number of awards that are expected to vest.

Changes the tax withholding requirements for share-based payment awards to qualify for equity accounting. The threshold to qualify for equity classification permits withholding up to the maximum statutory tax rates in the applicable jurisdictions. Under current GAAP, for an award to qualify for equity classification is that an entity cannot partially settle the award in cash in excess of the employer's minimum statutory withholding requirements.

Establishes GAAP for the classification of employee taxes paid when an employer withholds shares for tax withholding purposes. Cash paid by an employer when directly withholding shares for tax-withholding purposes should be classified as a financing activity. This guidance establishes GAAP related to the classification of withholding taxes in the statement of cash flows as there is no such guidance under current GAAP.

ASU 2016-09 is effective for annual periods beginning after December 15, 2016, and interim periods within those annual periods. Early adoption is permitted for any organization in any interim or annual period. The Company is currently assessing the potential effect that the adoption of ASU 2016-09 will have on its consolidated financial statements.

Note 33 Subsequent Events

Management has evaluated all events and transactions through the date the Company issued these consolidated financial statements. During this period:

During May 2016, the Company completed the sale of approximately \$419.3 million in UPB of *Mortgage Loans at Fair Value*, generating approximately \$100.4 million in cash proceeds net of fees and repayment of the associated financing.

During April 2016, the Company repurchased 100,000 common shares at a cost of \$1.4 million under the common share repurchase program described in Note 21 *Shareholders' Equity* to the consolidated financial statements. The repurchased common shares were canceled upon settlement of the repurchase transactions and returned to the authorized but unissued share pool.

Table of Contents

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion and analysis of financial condition and results of operations should be read with the consolidated financial statements and the related notes of PennyMac Mortgage Investment Trust (*PMT*) included within this Quarterly Report on Form 10-Q.

Statements contained in this Quarterly Report on Form 10-Q may constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These statements involve known and unknown risks, uncertainties and other factors, which may cause actual results to be materially different from those expressed or implied in such statements. You can identify these forward-looking statements by words such as *may*, *will*, *should*, *expect*, *anticipate*, *believe*, *estimate*, *intend*, *plan* and other similar expressions. You should consider our forward-looking statements in light of the risks discussed under the heading *Risk Factors*, as well as our consolidated financial statements, related notes, and the other financial information appearing elsewhere in this Quarterly Report on Form 10-Q and our other filings with the United States Securities and Exchange Commission (*SEC*). The forward-looking statements contained in this Quarterly Report on Form 10-Q are made as of the date hereof and we assume no obligation to update or supplement any forward-looking statements.

The following discussion and analysis provides information that we believe is relevant to an assessment and understanding of our consolidated results of operations and financial condition. Unless the context indicates otherwise, references in this Quarterly Report on Form 10-Q to the words *we*, *us*, *our* and the *Company* refer to *PM*

Our Company

We are a specialty finance company that invests primarily in residential mortgage loans and mortgage-related assets. Our objective is to provide attractive risk-adjusted returns to our investors over the long-term, primarily through dividends and secondarily through capital appreciation. We have pursued this objective largely by investing in distressed mortgage assets and acquiring, pooling and selling newly originated prime credit quality residential mortgage loans (*correspondent production*) and retaining the mortgage servicing rights (*MSRs*). We have also invested in excess servicing spread (*ESS*) on *MSRs* acquired by *PLS*. In 2015, we began investing in credit risk transfer agreements (*CRT Agreements*) on certain of the mortgage loans acquired through our correspondent production activity.

We are externally managed by *PNMAC Capital Management, LLC* (*PCM*), an investment adviser that specializes in and focuses on, residential mortgage loans. Most of our mortgage loan portfolio is serviced by *PennyMac Loan Services, LLC* (*PLS*).

We invest in distressed mortgage loans through direct acquisitions of mortgage loan portfolios from institutions such as banks and mortgage companies. A substantial portion of the nonperforming mortgage loans we have purchased has been acquired from or through one or more subsidiaries of Citigroup Inc.

We seek to maximize the value of the distressed mortgage loans that we acquire using means that are appropriate for the particular loan, including both proprietary and nonproprietary loan modification programs, special servicing and other initiatives focused on avoiding foreclosure, when possible. When we are unable to effect a cure for a mortgage delinquency, our objective is timely acquisition and/or liquidation of the property securing the loan through the use, in part, of short sales and deed-in-lieu of foreclosure programs. During the quarter ended March 31, 2016, we did not acquire distressed mortgage loans and we received proceeds from liquidation, payoffs, paydowns and sales from our portfolio of mortgage loans and real estate acquired in settlement of loans (*REO*) totaling \$112.8 million. During the quarter ended March 31, 2015, we acquired distressed mortgage loans with fair values totaling \$242.0 million and we

received proceeds from liquidation, payoffs, paydowns and sales from our portfolio of mortgage loans and REO totaling \$125.6 million.

During the quarters ended March 31, 2016 and 2015, we purchased newly originated prime credit quality loans with fair values totaling \$10.2 billion and \$8.4 billion, respectively, in furtherance of our correspondent production business. To the extent that we purchase mortgage loans that are insured by the U.S. Department of Housing and Urban Development (HUD) through the Federal Housing Administration (the FHA), or insured or guaranteed by the Veterans Administration (the VA) or U.S. Department of Agriculture (USDA), we and PLS have agreed that PLS will fulfill and purchase such mortgage loans, as PLS is a Ginnie Mae-approved issuer and we are not. This arrangement has enabled us to compete with other correspondent lenders that purchase both government and conventional mortgage loans. We receive a sourcing fee from PLS of three basis points on the unpaid principal balance (UPB) of each mortgage loan that we sell to PLS under such arrangement, and earn interest income on the mortgage loan for the time period we hold the mortgage loan prior to the sale to PLS. We received sourcing fees totaling \$2.0 million relating to \$6.5 billion in UPB of mortgage loans at fair value that we sold to PLS for the quarter ended March 31, 2016, compared to \$1.4 million relating to \$4.7 billion in UPB of loans that we sold to PLS for the quarter ended March 31, 2015.

Table of Contents

We also intend to continue to retain the MSRs that we receive as a portion of the proceeds from our sale of mortgage loans through our correspondent production operation. During the quarter ended March 31, 2016, we received MSRs with fair values at initial recognition totaling \$36.2 million, compared to \$27.5 million during the quarter ended March 31, 2015.

We believe that Ginnie Mae ESS is an attractive long-term investment that allows us to leverage the mortgage loan servicing and origination capabilities of PLS and ESS can act as a hedge for us against the interest-rate sensitivity of other assets, such as MBS or the inventory of our correspondent production business. During the quarter ended March 31, 2016, we did not purchase any ESS from PFSI and received \$1.9 million pursuant to a recapture agreement with PFSI, compared to purchases of \$46.4 million and receipt of \$1.2 million of ESS pursuant to such recapture agreement during the quarter ended March 31, 2015.

We believe that CRT Agreements are an attractive long-term investment that can produce attractive risk-adjusted returns through our own mortgage production while aligning with Fannie Mae's strategic goal to attract private capital investment in GSE credit risk. We believe there is significant potential for deploying additional capital into front-end credit risk transfer and MSRs that result from our correspondent production activities as we redeploy capital from the liquidation of distressed whole loans. During the quarter ended March 31, 2016, we made investments in CRT Agreements totaling \$66.7 million.

We supplement these activities through our participation in other mortgage-related activities, including:

Acquisition of REIT-eligible mortgage-backed or mortgage-related securities. We purchased MBS and Agency debt securities with fair values totaling \$50.7 million and \$25.1 million during the quarters ended March 31, 2016 and 2015, respectively.

Acquisition of small balance (typically under \$10 million) commercial real estate loans. During the quarter ended March 31, 2016, we acquired \$4.7 million in fair value of small balance commercial real estate loans.

To the extent that we transfer correspondent production loans into private label securitizations, retention of a portion of the securities created in the securitization transaction. Our private label securitization is accounted for as a financing arrangement. Sales of securities included in the securitization are treated as issuances of debt. During the quarter ended March 31, 2016, we issued \$100.3 million in fair value of such securities.

Our board of trustees has authorized a repurchase program under which we may repurchase up to \$200 million of our outstanding common shares. During the quarter ended March 31, 2016, we repurchased 5.2 million common shares at a cost of \$64.5 million for a cumulative total of 6.2 million common shares repurchased at a cost of \$80.8 million under the program. The repurchased common shares were canceled upon settlement of the repurchase transactions and returned to the authorized but unissued share pool.

We believe that we qualify to be taxed as a REIT. We believe that we will not be subject to federal income tax on that portion of our income that is distributed to shareholders as long as we meet certain asset, income and share ownership tests. If we fail to qualify as a REIT, and do not qualify for certain statutory relief provisions, our profits will be subject to income taxes and we may be precluded from qualifying as a REIT for the four tax years following the year

we lose our REIT qualification. A portion of our activities, including our correspondent production business, is conducted in our TRS, which is subject to corporate federal and state income taxes. Accordingly, we have made a provision for income taxes with respect to the operations of our TRS. We expect that the effective rate for the provision for income taxes may be volatile in future periods. Our goal is to manage the business to take full advantage of the tax benefits afforded to us as a REIT.

Observations on Current Market Conditions

Our business is affected by macroeconomic conditions in the United States, including economic growth, unemployment rates, the residential housing market and interest rate levels and expectations. The U.S. economy continues to grow, as reflected in recent economic data. During the first quarter of 2016, real U.S. gross domestic product expanded at an annual rate of 0.5%, compared to 0.6% for the first quarter of 2015 and 1.4% for the fourth quarter of 2015. The national seasonally adjusted unemployment rate was 5.0% at March 31, 2016 and at December 31, 2015 and 5.5% at March 31, 2015. Delinquency rates on residential real estate loans remain elevated compared to historical rates, but have been steadily declining. As reported by the Federal Reserve Bank, during the fourth quarter of 2015, the delinquency rate on residential real estate loans held by commercial banks was 5.1%, a reduction from 6.1% during the first quarter of 2015.

Residential real estate activity appears to be expanding. The seasonally adjusted annual rate of existing home sales for March 2016 was 1.5% higher than for March 2015, and the national median existing home price for all housing types was \$222,700, a 5.7% increase from March 2015 (Source: National Association of Realtors®). On a national level, foreclosure filings during March 2016 decreased by 7.8% as compared to March 2015. However, foreclosure activity is expected to remain above historical average levels through 2016 and beyond.

Changes in fixed-rate residential mortgage loan interest rates generally follow changes in long-term U.S. Treasury yields. Thirty-year fixed mortgage interest rates ranged from a low of 3.62% to a high of 3.97% during the first quarter of 2016 while during the first quarter of 2015, thirty-year fixed mortgage interest rates ranged from a low of 3.59% to a high of 3.86% (Source: Freddie Mac's Weekly Primary Mortgage Market Survey). Interest rates generally declined in the first quarter of 2016 and generally increased in the first quarter of 2015. This impacted MSR and other interest rate sensitive asset valuations and production activity.

Table of Contents

Mortgage lenders originated an estimated \$380 billion of home loans during the first quarter of 2016, down 6.2% from the first quarter of 2015. Total mortgage originations are forecast to be somewhat lower in 2016 versus 2015, with current industry estimates for 2016 averaging \$1.6 trillion (Source: average of Fannie Mae, Freddie Mac and Mortgage Bankers Association forecasts).

We believe that there is significant long-term market opportunity to invest in GSE CRT on certain of the loans acquired through our correspondent production activity. CRT Agreements align with the FHFA's desire to reduce taxpayer risk by transferring some of the credit risk from Fannie Mae and Freddie Mac to private sector participants. FHFA, in its capacity as conservator of Fannie Mae and Freddie Mac, has included in its 2016 scorecard for both GSEs a target to transfer credit risk on at least 90% of the UPB of newly acquired single-family mortgages in certain loan categories. Those loan categories include non-HARP, fixed-rate terms greater than 20 years, and loan-to-value ratios above 60%. This continues the trend of increasing the volume of loans subject to CRT Agreements. For example, the FHFA required each GSE to share the risk on at least \$30 billion in UPB in 2013, \$90 billion in 2014, and \$120 billion for Freddie Mac and \$150 million for Fannie Mae in 2015. In addition, under the 2016 scorecard, the GSEs have been directed to work with FHFA to conduct an analysis and assessment of front-end CRT Agreements, such as our CRT Agreements, and to take appropriate steps to continue them. In front-end CRT Agreements, a lender or aggregator retains a portion of the credit risk associated with the loans they sell to Fannie Mae or Freddie Mac through an arrangement entered into prior to the delivery of the loans to the GSE.

We believe there is long-term market opportunity for the production of non-Agency jumbo mortgage loans. However, most new jumbo mortgage loans are either being originated or purchased by banks, and the current market for jumbo mortgage loan securitizations is limited, as evidenced by weak demand and inconsistent pricing observed over the past twelve months. Prime jumbo securitizations totaled \$1.0 billion in UPB in the first quarter of 2016, a decrease from \$4.2 billion in the first quarter of 2015. During the three months ended March 31, 2016, we produced approximately \$7 million in UPB of jumbo loans compared to \$62 million in UPB of jumbo loans produced during the three months ended March 31, 2015.

Our Manager expects to see a continued supply of distressed whole loans; however, we believe the pricing for recent transactions has been less attractive for buyers. We remain patient and selective in making new investments in distressed mortgage loans, and we continue to monitor the market to assess best execution opportunities for our existing distressed portfolio investments.

Table of Contents***Results of Operations***

The following is a summary of our key performance measures:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Net investment income	\$ 52,216	\$ 37,657
Expenses	(41,172)	(41,477)
Benefit from income taxes	3,452	11,328
Net income	\$ 14,496	\$ 7,508
Pre-tax income (loss) by segment:		
Correspondent production	\$ 10,909	\$ 4,419
Investment activities	135	(8,239)
	\$ 11,044	\$ (3,820)
Earnings per share:		
Basic	\$ 0.20	\$ 0.09
Diluted	\$ 0.20	\$ 0.09
Dividends per share:		
Declared	\$ 0.47	\$ 0.61
Paid	\$ 0.47	\$ 0.61
Investment activities:		
Mortgage loans and REO:		
Purchases	\$	\$ 241,981
Cash proceeds from liquidation activities	\$ 112,773	\$ 125,572
MBS:		
Purchases	\$ 50,702	\$ 25,129
Cash proceeds from repayment and sales	\$ 13,848	\$ 17,802
ESS:		
Purchases from PFSI	\$	\$ 46,412
Cash proceeds from repayments	\$ 79,926	\$ 12,731
CRT Agreements:		
Cash deposited	\$ 66,706	\$
Distributions received	\$ 2,706	\$
Per share closing prices:		
During the period:		
High	\$ 15.99	\$ 22.99
Low	\$ 11.21	\$ 20.57
At period end	\$ 13.64	\$ 21.29
	March 31, 2016	December 31, 2015
Total assets	\$ 5,820,440	\$ 5,826,924
Book value per share	\$ 20.59	\$ 20.28

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

During the quarter ended March 31, 2016, we recorded net income of \$14.5 million, or \$0.20 per diluted share. Our net income for the quarter ended March 31, 2016 reflects net interest income of \$22.4 million, supplemented by \$15.6 million of net mortgage loan servicing fees. During the quarter ended March 31, 2016, we purchased \$10.2 billion in fair value of newly originated mortgage loans. We recognized net gains on such loans totaling approximately \$15.0 million, including \$36.2 million of MSR retained upon securitization or sale of such loans. At March 31, 2016, we held mortgage loans acquired for sale with fair values totaling \$1.3 billion, \$596.2 million of which were pending sale to PLS.

During the quarter ended March 31, 2015, we recorded net income of \$7.5 million, or \$0.09 per diluted share. Our net income for the quarter ended March 31, 2015 reflects net interest income of \$14.9 million, supplemented by net gains on our investments in financial instruments totaling \$13.6 million (comprised of net gain on investments and net gain on mortgage loans acquired for sale), including \$19.0 million of valuation gains on mortgage loans at fair value and mortgage loans at fair value held by a variable interest entity (VIE). During the quarter ended March 31, 2015, we purchased \$8.4 billion in fair value of newly originated mortgage loans. We recognized gains on such loans totaling approximately \$10.2 million, including \$27.5 million of MSR retained upon securitization or sale of such loans. At March 31, 2015, we held mortgage loans acquired for sale with fair values totaling \$1.4 billion, of which \$599.4 million were pending sale to PLS.

Table of Contents

Our net income increased during the quarter ended March 31, 2016, as compared to the same period in 2015, primarily due to an improvement in pretax income in our investment activities segment of \$8.4 million from a pretax loss of \$8.2 million to pretax income of \$135,000. During the quarter ended March 31, 2016, our investment activities segment recognized net investment income totaling \$26.4 million from our investment activities, an increase of \$7.6 million, or 40%, from \$18.9 million during the same period in 2015, primarily from increased net mortgage loan servicing fees and net interest income.

In our correspondent production activities, our net investment income increased during the quarter ended March 31, 2016, as compared to the same period in 2015, by \$7.0 million, or 37%, from \$18.8 million to \$25.8 million. We received proceeds of \$3.2 billion from the sale of mortgage loans to nonaffiliates and issued \$3.9 billion of IRLCs relating to Agency and jumbo mortgage loans during the quarter ended March 31, 2016, an increase of \$365.7 million, or 10%, from the same period in 2015. Our net gain on mortgage loans acquired for sale increased due to both the increase in mortgage loan volume and higher margins partially driven by optimization of GSE deliveries and specified loan sales.

Net Investment Income

During the quarter ended March 31, 2016, we recorded net investment income of \$52.2 million, comprised primarily of \$22.4 million of net interest income, \$15.0 million of net gain on mortgage loans acquired for sale, \$15.6 million of net loan servicing fees, and \$6.9 million of loan origination fees, partially offset by \$6.0 million of losses from results of REO and \$3.9 million of net loss on investments. During the quarter ended March 31, 2015, we recorded net investment income of \$37.7 million, comprised primarily of net interest income of \$14.9 million, \$10.2 million of net gain on mortgage loans acquired for sale, \$8.0 million of net loan servicing fees, \$5.3 million of loan origination fees, and \$3.4 million of net gain on investments, partially offset by \$5.8 million of losses from results of REO.

Net investment income includes non-cash fair value adjustments and the fair value of assets created and liabilities incurred in mortgage loan sale transactions. Because we have elected to record our financial assets (comprised of mortgage loans at fair value, mortgage loans acquired for sale at fair value, MBS and ESS), a portion of our MSRs and our asset-backed financing at fair value, a substantial portion of the income or loss we record with respect to such assets and liabilities results from non-cash changes in fair value. Net investment income also includes non-cash fair value adjustments related to IRLCs, CRT Agreements and the related derivatives we use to hedge certain of our investments and liabilities and non-cash interest income arising from capitalization of delinquent interest on mortgage loans upon completion of the modification of such loans and accrual of unearned discounts relating to mortgage loans held in a VIE.

Table of Contents

The amounts of non-cash income (loss) items included in net investment income are as follows:

	Quarter ended March 31, 2016 2015 (in thousands)	
Net interest income		
Capitalization of interest pursuant to mortgage loan modifications	\$ 23,294	\$ 10,209
Accrual of unearned discounts and amortization of premiums on MBS, mortgage loans and asset-backed financing	6,060	402
	29,354	10,611
Net gain on mortgage loans acquired for sale		
Receipt of MSRs in mortgage loan sale transactions	36,162	27,460
Provision for losses relating to representations and warranties provided in mortgage loan sales		
Pursuant to mortgage loans sales	(571)	(925)
Adjustment to previously recorded amount due to chance in estimate	1,724	
Change in fair value during the period of financial instruments held at period end:		
Mortgage loans acquired for sale	6,737	3,726
IRLCs	4,688	2,554
Hedging derivatives	1,905	(2,584)
	50,645	30,231
Net gain (loss) on investments		
Mortgage-backed securities:		
Agency	3,720	1,108
Non Agency	1,379	407
Mortgage loans:		
at fair value	12,846	15,427
at fair value held in a variable interest entity	8,394	1,801
ESS	(17,627)	(6,247)
CRT Agreements	(6,679)	
Asset-backed financing of a VIE	(9,854)	(770)
	(7,821)	11,726
Net loan servicing fees MSR valuation adjustments	(26,658)	(14,490)
	\$ 45,520	\$ 38,078

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Net investment income	\$ 52,216	\$ 37,657
Non-cash items as a percentage of net investment income	87%	101%

Cash is generated when mortgage loan investments are monetized through payoffs, paydowns or sales, when payments of principal and interest occur on such mortgage loans, generally after they are modified, or when the property securing a mortgage loan that has been settled through acquisition of the property securing the mortgage loan has been sold. We receive proceeds on the sale of mortgage loans acquired for sale that include both cash and our estimate of the fair value of MSRs and we recognize a liability for potential losses relating to representations and warranties created in the loan sales transactions. We receive cash related to MSRs in the form of mortgage loan servicing fees and we pay cash relating to our provision for representations and warranties when we repurchase mortgage loans from investors. Cash flows relating to hedging instruments are generally produced when the instruments mature or when we effectively cancel the transactions through an offsetting trade.

Table of Contents

The following table illustrates the proceeds received during the period from dispositions and paydowns of distressed mortgage loan investments and REO, net gain in value that we accumulated over the period during which we owned mortgage loan investments and REO liquidated during the period, and additional net gain realized upon liquidation during the period of such assets:

	Quarter ended March 31,					
	2016			2015		
	Proceeds	Accumulated gains (1)	Gain on liquidation (2)	Proceeds	Accumulated gains (1)	Gain on liquidation (2)
	(in thousands)					
Mortgage loans	\$ 31,556	\$ 3,285	\$ 1,540	\$ 45,882	\$ 5,621	\$ 1,758
REO	64,908	1,587	4,609	65,976	962	5,568
	\$ 96,464	\$ 4,872	\$ 6,149	\$ 111,858	\$ 6,583	\$ 7,326

(1) Represents valuation gains and losses recognized during the period we held the respective asset but excludes the gain or loss recorded upon sale or repayment of the respective asset.

(2) Represents the gain or loss recognized upon sale or repayment of the respective asset.

The amounts included in accumulated gains and gains on liquidation do not include the cost of managing the liquidated assets which may be substantial depending on the collection status of the mortgage loan at acquisition and on our success in working with the borrower to resolve the distress in the mortgage loan. Accumulated gains include the amount of accumulated valuation gains and losses recognized throughout the holding period and, in the case of REO, include estimated direct transaction costs to be incurred in the sale of the property. Accordingly, the preceding amounts do not represent periodic earnings on a cash basis and the amount of gain will have accumulated over varying periods depending on the holding periods and liquidation speed for individual assets.

The primary expenses incurred at a loan level in managing our portfolio of distressed assets are servicing and activity fees. From the time of acquisition of the distressed assets through their deboarding dates, we incurred servicing and activity fees of \$3.8 million and \$5.7 million for assets liquidated during the quarters ended March 31, 2016 and 2015, respectively.

Net investment income increased \$14.6 million during the quarter ended March 31, 2016, as compared to the same period in 2015, primarily due to increases in net interest income from interest capitalized pursuant to loan modifications, higher interest earned on our investments, and increased net gains on mortgage loans acquired for sale during the quarter ended March 31, 2016, as compared to the same period in 2015, partially offset by losses on our investments in ESS and CRT Agreements which reflects the effects of decreasing mortgage interest rates and widening of credit spreads during the first quarter of 2016.

Table of Contents*Net Interest Income*

Net interest income is summarized below:

	Quarter ended March 31, 2016				Annualized interest yield/cost %
	Interest income/expense				
	Coupon	Discount/ fees (1)	Total	Average balance	
(dollars in thousands)					
Assets:					
Correspondent production:					
Mortgage loans acquired for sale at fair value	\$ 9,264	\$	\$ 9,264	\$ 918,741	4.03%
Investment activities:					
Short-term investments	376		376	47,189	3.19%
Mortgage-backed securities:					
Agency	1,886	6	1,892	229,394	3.30%
Non-Agency prime jumbo	813	7	820	95,913	3.42%
	2,699	13	2,712	325,307	3.33%
Mortgage loans:					
at fair value	29,186		29,186	2,064,101	5.66%
at fair value held by variable interest entity	4,300	1,229	5,529	454,538	4.87%
	33,486	1,229	34,715	2,518,639	5.51%
ESS from PFSI	7,015		7,015	379,273	7.40%
Total investment activities	43,576	1,242	44,818	3,270,408	5.48%
Other	284		284		
	\$ 53,124	\$ 1,242	\$ 54,366	\$ 4,189,149	5.19%
Liabilities:					
Assets sold under agreements to repurchase	\$ 18,325	\$ 2,087	\$ 20,412	\$ 2,797,301	2.92%
Mortgage loans participation and sale agreement	291	36	327	68,598	1.91%
Federal Home Loan Bank advances	122		122	98,038	0.50%
Asset-backed financings of a VIE at fair value	2,669	(1,317)	1,352	315,991	1.71%
Exchangeable Notes	3,359	253	3,612	250,000	5.78%
Notes payable	2,519	825	3,344	213,616	6.26%
Note payable to PFSI	1,266	336	1,602	150,000	4.27%
	28,551	2,220	30,771	3,893,544	3.16%
Interest shortfall on repayments of mortgage					
loans serviced for Agency securitizations	972		972		
Interest on mortgage loan impound deposits	261		261		

	29,784	2,220	32,004	3,893,544	3.29%
Net interest income	\$ 23,340	\$ (978)	\$ 22,362		
Net interest margin					2.14%
Net interest spread					1.90%

- (1) Amounts in this column represent accrual of unearned discounts for assets and amortization of debt issuance costs for liabilities.

Table of Contents

	Quarter ended March 31, 2015				Annualized interest yield/cost %
	Interest income/expense				
	Coupon	Discount/ fees(1)	Total	Average balance	
(dollars in thousands)					
Assets:					
Correspondent production:					
Mortgage loans acquired for sale at fair value	\$ 7,101	\$	\$ 7,101	\$ 756,646	3.75%
Investment activities:					
Short-term investments	220		220	90,712	0.97%
Mortgage-backed securities					
Agency	1,616	62	1,678	194,782	3.45%
Non-Agency prime jumbo	931	24	955	112,833	3.39%
	2,547	86	2,633	307,615	3.42%
Mortgage loans:					
at fair value	21,554		21,554	2,309,282	3.73%
at fair value held by variable interest entity	4,924	489	5,413	526,220	4.11%
	26,478	489	26,967	2,835,502	3.80%
ESS from PFSI	3,752		3,752	199,417	7.53%
Total investment activities	32,997	575	33,572	3,433,246	3.91%
Other	12		12		
	\$ 40,110	\$ 575	\$ 40,685	\$ 4,189,892	3.88%
Liabilities:					
Assets sold under agreements to repurchase	\$ 16,621	\$ 2,291	\$ 18,912	\$ 2,847,915	2.66%
Mortgage loans participation and sale agreement					
	155	52	207	43,547	1.91%
Asset backed secured financing of a VIE at fair value	1,410	173	1,583	165,522	3.83%
Exchangeable Notes	3,359	238	3,597	250,000	5.76%
	21,545	2,754	24,299	3,306,984	2.94%
Interest shortfall on repayments of mortgage loans serviced for Agency securitizations					
	1,173		1,173		
Interest on mortgage loan impound deposits					
	274		274		
	22,992	2,754	25,746	3,306,984	3.11%
Net interest income	\$ 17,118	\$ (2,179)	\$ 14,939		
Net interest margin					
Net interest spread					1.43%
					0.77%

- (1) Amounts in this column represent accrual of unearned discounts for assets and amortization of debt issuance costs for liabilities.

Table of Contents

The effects of changes in the yields and costs and composition of our investments on our interest income are summarized below:

	Quarter ended March 31, 2016		
	Increase (decrease)		
	due to changes in		
	Rate	Volume	Total
		(in thousands)	change
Assets:			
Correspondent production:			
Mortgage loans acquired for sale at fair value	\$ 489	\$ 1,674	\$ 2,163
Investment activities:			
Short-term investments	303	(147)	156
Mortgage -backed securities:			
Agency	(88)	302	214
Non-Agency prime jumbo	(1)	(134)	(135)
	(89)	168	79
Mortgage loans:			
at fair value	10,064	(2,432)	7,632
at fair value held by variable interest entity	882	(766)	116
Total mortgage loans	10,946	(3,198)	7,748
ESS from PFSI	(105)	3,368	3,263
Total investment activities	11,055	191	11,246
Other		272	272
	11,554	2,137	13,681
Liabilities:			
Assets sold under agreements to repurchase	2,066	(566)	1,500
Mortgage loan participation and sale agreement	(2)	122	120
FHLB advances		122	122
Asset backed secured financing of a VIE at fair value	(1,182)	951	(231)
Exchangeable Notes	15		15
Notes Payable		3,344	3,344
Note Payable to PFSI		1,602	1,602
	897	5,575	6,472
Interest shortfall on repayments of mortgage loans serviced for Agency securitizations		(201)	(201)
Interest on mortgage loan impound deposits		(13)	(13)
	897	5,361	6,258

Net interest income	\$ 10,647	\$ (3,224)	\$ 7,423
---------------------	-----------	------------	----------

During the quarter ended March 31, 2016, we earned net interest income of \$22.4 million, as compared to \$14.9 million for the quarter ended March 31, 2015. The increase in net interest income between quarters was primarily due to an increase in interest capitalized pursuant to mortgage loan modifications, a higher average balance on ESS, and a higher average balance and yield earned on mortgage loans acquired for sale at fair value, partially offset by higher-cost borrowings from the financings of MSRs through our notes payable and ESS obtained through a note payable to PFSI.

During the quarter ended March 31, 2016, we recognized interest income on mortgage loans at fair value and mortgage loans at fair value held by VIEs totaling \$34.7 million, including \$23.3 million of interest capitalized pursuant to loan modifications, which compares to \$27.0 million, including \$10.2 million of interest capitalized pursuant to loan modifications in the quarter ended March 31, 2015. The increase in interest income was primarily the result of an increase in yields on our investments from 3.91% during the quarter ended March 31, 2015 to 5.48% during the quarter ended March 31, 2016, which was due to an increase in interest capitalized from mortgage loan modifications. Capitalized interest contributed 3.70% to our interest yield on mortgage loans at fair value during the quarter ended March 31, 2016, as compared to 1.44% during the same quarter in 2015.

Table of Contents

At March 31, 2016, approximately 53% of the fair value of our distressed mortgage loan portfolio was nonperforming, as compared to 69% at March 31, 2015. We do not accrue interest on nonperforming mortgage loans and generally do not recognize revenues during the period we hold REO. We calculate the yield on our mortgage loan portfolio based on the portfolio's average fair value, which most closely reflects our investment in the mortgage loans. Accordingly, the yield we realize is substantially higher than would be recorded based on the mortgage loans' UPBs as we generally have purchased our distressed mortgage loans at substantial discounts to their UPB.

Nonperforming mortgage loans and REO generally take longer than performing mortgage loans to generate cash flow due to the time required to work with borrowers to resolve payment issues through our modification programs, and to acquire and liquidate the property securing the mortgage loans. The value and returns we realize from these assets are determined by our ability to assist borrowers in curing defaults, or when curing of borrower defaults is not a viable solution, by our ability to effectively manage the liquidation process. As a participant in HAMP, we are required to comply with the process specified by the HAMP program before liquidating a mortgage loan, and this may extend the resolution process. At March 31, 2016, we held \$1.1 billion in fair value of nonperforming mortgage loans and \$327.2 million in carrying value of REO, as compared to \$1.6 billion in fair value of nonperforming mortgage loans and \$317.5 million in carrying value of REO at March 31, 2015.

During the quarter ended March 31, 2016, we incurred interest expense totaling \$32.0 million, as compared to \$25.7 million during the quarter ended March 31, 2015. Our interest cost on interest bearing liabilities was 3.16% for the quarter ended March 31, 2016 and 2.94% for the quarter ended March 31, 2015. The increase in interest expense reflects higher borrowing costs associated with funding investments in MSRs and ESS in the 2016 period, as compared to the same period in 2015.

Table of Contents*Net Gain on Mortgage Loans Acquired for Sale*

Our net gain on mortgage loans acquired for sale is summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Cash loss:		
Mortgage loans	\$ (3,019)	\$ (7,544)
Hedging activities	(32,577)	(12,527)
	(35,596)	(20,071)
Non cash gain:		
Receipt of MSRs in mortgage loan sale transactions	36,162	27,460
Provision for losses relating to representations and warranties provided in mortgage loan sales		
Pursuant to mortgage loans sales	(571)	(925)
Adjustment to previously recorded amount due to change in estimate	1,724	
Change in fair value during the period of financial instruments held at period end:		
IRLCs	4,688	2,554
Mortgage loans	6,737	3,726
Hedging derivatives	1,905	(2,584)
	13,330	3,696
	\$ 15,049	\$ 10,160
Purchases of mortgage loans acquired for sale to nonaffiliates:		
At fair value	\$ 3,373,732	\$ 2,987,735
UPB	\$ 3,259,363	\$ 2,890,132
Fair value of mortgage loans acquired for sale held at period end:		
Conventional mortgage loans	\$ 718,710	\$ 767,574
Government-insured or guaranteed mortgage loans acquired for sale to PFSI	596,166	599,390
Commercial mortgage loans	18,985	
Mortgage loans repurchased pursuant to representations and warranties	5,772	
	\$ 1,339,633	\$ 1,366,964

Our net gain on mortgage loans acquired for sale includes both cash and non-cash elements. We receive proceeds on sale that include both cash and our estimate of the fair value of MSRs. We also recognize a liability for potential losses relating to representations and warranties created in the loan sales transactions.

The increase in gain on mortgage loans acquired for sale during the quarter ended March 31, 2016, as compared to the same period in 2015 is due to an increase in the volume of mortgage loans sold to nonaffiliates compounded by higher margins partially driven by optimization of GSE deliveries and specified loan sales.

Provision for Losses on Representations and Warranties

We provide for our estimate of the future losses that we may be required to incur as a result of our breach of representations and warranties to the purchasers of the mortgage loans we sell. Our agreements with the Agencies include representations and warranties related to the mortgage loans we sell to the Agencies. The representations and warranties require adherence to Agency origination and underwriting guidelines, including but not limited to the validity of the lien securing the mortgage loan, property eligibility, borrower credit, income and asset requirements, and compliance with applicable federal, state and local law.

In the event of a breach of our representations and warranties, we may be required to either repurchase the mortgage loans with the identified defects or indemnify the investor or insurer. In such cases, we bear any subsequent credit loss on the mortgage loans. Our credit loss may be reduced by any recourse we have to correspondent lenders that, in turn, had sold such mortgage loans to us and breached similar or other representations and warranties. In such event, we have the right to seek a recovery of related repurchase losses from that correspondent lender.

Table of Contents

The method we use to estimate the liability for representations and warranties is a function of estimated future defaults, mortgage loan repurchase rates, the potential severity of loss in the event of defaults and the probability of reimbursement by the correspondent mortgage loan seller. We establish a liability at the time mortgage loans are sold and review our liability estimate on a periodic basis.

Following is a summary of the indemnification and repurchase activity and UPB of mortgage loans subject to representations and warranties:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
	(UPB of mortgage loans)	
Indemnification activity:		
Mortgage loans indemnified by PMT at beginning of period	\$ 5,566	\$ 3,644
New indemnifications		364
Less:		
Indemnified mortgage loans repurchased		
Indemnified mortgage loans repaid or refinanced	327	
Mortgage loans indemnified by PMT at end of period	\$ 5,239	\$ 4,008
Deposits received from correspondent lenders collateralizing prospective indemnification losses	\$ 645	\$ 1,362
Repurchase activity:		
Total UPB of mortgage loans repurchased by PMT	\$ 3,844	\$ 7,831
Less:		
UPB of mortgage loans repurchased by correspondent lenders	1,623	5,099
UPB of mortgage loans repaid by borrowers	614	
UPB of mortgage loans repurchased by PMT with losses chargeable to liability for representations and warranties	\$ 1,607	\$ 2,732
Net losses charged to liability for representations and warranties	\$ 306	\$ 53
At end of period:		
UPB of mortgage loans subject to representations and warranties	\$ 43,464,887	\$ 35,573,237
Liability for representations and warranties	\$ 18,712	\$ 15,379

During the quarter ended March 31, 2016, we repurchased mortgage loans with UPBs totaling \$3.8 million and recorded net losses charged to representations and warranties against the liability of \$306,000, as compared to repurchases of \$7.8 million and net losses of \$53,000 during the same period in 2015. The losses we have recorded to date have been moderated by our ability to in turn recover most of the losses inherent in the repurchased mortgage loans from the selling correspondent lenders. As the outstanding balance of mortgage loans we purchase and sell subject to representations and warranties increases and the mortgage loans sold season, we expect the level of repurchase activity and associated losses to increase.

The level of the liability for representations and warranties is difficult to estimate and requires considerable judgment. The level of mortgage loan repurchase losses is dependent on economic factors, investor loss mitigation strategies, our ability to recover any losses inherent in the repurchased loan from the selling correspondent lender and other external conditions that may change over the lives of the underlying loans. We may be required to incur losses related to such representations and warranties for several quarters after the mortgage loans are sold or liquidated.

As economic fundamentals change, and as investor and Agency evaluations of their loss mitigation strategies (including claims under representations and warranties) change and as economic conditions affect our correspondent lenders' ability or willingness to fulfill their recourse obligations to us, the level of repurchase activity and ensuing losses will change, and we may be required to record adjustments to our recorded liability for losses on representations and warranties which may be material to our financial condition and results of operations. Such adjustments are included as a component of our *Net gains on mortgage loans acquired for sale at fair value*. We recorded a \$1.7 million favorable adjustment to previously recorded liabilities for representations and warranties during the quarter ended March 31, 2016 due to our experience with the class of mortgages subject to the adjustment.

Table of Contents*Loan Origination Fees*

Loan origination fees represent fees we charge correspondent lenders relating to our purchase of mortgage loans from those lenders. The increase in fees during the quarter ended March 31, 2016, as compared to the quarter ended March 31, 2015 is reflective of the increase in the volume of mortgage loans we purchased during the quarter ended March 31, 2016, as compared to the same period in 2015.

Net (Loss) Gain on Investments

Net (loss) gain on investments is summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Net (loss) gain on investments:		
From non-affiliates:		
Mortgage-backed securities	\$ 5,099	\$ 1,516
Mortgage loans at fair value	14,395	17,186
Mortgage loans held in a VIE	8,394	1,800
CRT Agreements	(4,143)	
Asset-backed financings of a VIE at fair value	(9,854)	(770)
Hedging derivatives	(162)	(10,038)
	13,729	9,694
From PFSI ESS	(17,627)	(6,247)
	\$ (3,898)	\$ 3,447

The decrease in net gain on investments during the quarter ended March 31, 2016, as compared to the quarter ended March 31, 2015, was caused by losses in our interest rate sensitive investments, primarily our ESS, due to the effect of decreasing mortgage interest rates during the first quarter of 2016; and losses in our credit-sensitive investments, primarily our CRT Agreements, due to the effects of credit spread widening, an indication of investor demand for increased yield on credit-sensitive investments, and mortgage loans at fair value, due to the effects of slower appreciation in the fair value of such mortgage loans as a result of slower appreciation in the fair value of the real estate collateralizing such mortgage loans during the quarter ended March 31, 2016, as compared to the same period in 2015. These reduced gains were partially offset by gains in our MBS from the effect of decreasing interest rates during the first quarter of 2016 and reduced hedging costs during the quarter ended March 31, 2016, as compared to the same period in 2015.

Mortgage-Backed Securities

During the quarter ended March 31, 2016, we recognized net valuation gains on MBS of \$5.1 million, as compared to \$1.5 million for the quarter ended March 31, 2015. The gains we recorded reflect the effects of decreasing mortgage interest rates during the first quarter of 2016, which favorably impacts the fair value of MBS. The gains we recorded arose due to decreases in market yields on MBS after we purchased the securities.

ESS Purchased from PFSI

We recognized fair value losses relating to our investment in ESS totaling \$17.6 million for the quarter ended March 31, 2016, as compared to losses of \$6.2 million for the quarter ended March 31, 2015. Mortgage interest rates declined at a sharper rate during the first quarter of 2016 causing our estimate of future prepayments to increase as compared to the same period in 2015, resulting in a decrease in fair value. The effect of this decrease in fair value was compounded by growth in our investment in ESS as our average investment in ESS increased from \$199.4 million for the quarter ended March 31, 2015 to \$379.3 million for the quarter ended March 31, 2016, which includes the effect of the sale of \$59.0 million in ESS during the quarter ended March 31, 2016.

Table of Contents*Mortgage Loans at Fair Value Distressed Mortgage Loans*

Net gains on our investment in distressed mortgage loans at fair value are summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Valuation changes:		
Performing loans	\$ 4,884	\$ 15,232
Nonperforming loans	7,965	195
	12,849	15,427
Gain on payoffs	1,548	2,043
Loss on sales	(2)	(284)
	\$ 14,395	\$ 17,186
Average portfolio balance	\$ 2,064,101	\$ 2,309,282
Number of loans relating to gain recognized on payoffs	106	153
UPB of loans relating to gain recognized on payoffs	\$ 26,273	\$ 49,888
Number of loans relating to loss recognized on sales	1	31
UPB of loans relating to loss recognized on sales	\$ 500	\$ 2,150

Because we have elected to record our mortgage loans at fair value, a substantial portion of the income we record with respect to such mortgage loans results from changes in fair value. Valuation changes amounted to \$12.8 million and \$15.4 million in the quarters ended March 31, 2016 and 2015, respectively. Cash is generated when mortgage loans are monetized through payoffs or sales, when payments of principal and interest occur on such loans, generally after they are modified, or when the property securing a mortgage loan that has been settled through acquisition of the property has been sold.

The valuation changes on performing mortgage loans reflect the effects of capitalization of delinquent interest on loans we modify. When we capitalize interest in a loan modification, we increase the carrying value of the loan, and the interest income we recognize is offset by a valuation loss of corresponding magnitude. Changes in other inputs may result in further valuation changes to the loan. During the quarter ended March 31, 2016, we capitalized interest totaling \$23.3 million compared to \$10.2 million for the quarter ended March 31, 2015.

During the quarter ended March 31, 2016, our gains from performing mortgage loans decreased as significantly more interest was capitalized as compared to the same period in 2015, resulting in reduced gains on such mortgage loans. Implementing long-term, sustainable loan modification is one means by which we endeavor to increase the fair value of the distressed mortgage loans which we have typically purchased at discounts to their UPB.

Gains on nonperforming mortgage loans increased during the quarter ended March 31, 2016 as compared to the same period in 2015 as the values of the underlying real estate collateral performed better versus our home price projections compared to the same period in 2015.

We recognize valuation gains to reflect the commitment price of the mortgage loans subject to the mortgage loan sale at the time we enter into the commitment to sell such loans. Therefore, the computation of the valuation gains includes the expected proceeds from pending mortgage loan sales at period end and the gain recognized on sale of mortgage loans reflects the difference between proceeds from sale of the mortgage loans and the commitment price of sale.

During the quarter ended March 31, 2016, we committed to sell approximately \$419.3 million in UPB of reperforming mortgage loans and closed the sale of those loans in May 2016.

There can be no assurance that this form of monetization will continue to be a reliable means of liquidating reperforming mortgage assets in the future. We continue to monitor and explore the market for mortgage loan sales or securitizations backed by reperforming and modified mortgage loans as a means of recovering our investment in such mortgage loans.

Table of Contents

Absent sale or securitization of reperforming and modified mortgage loans, and unlike liquidation of a defaulted mortgage loan, we expect that recovery of our investment in a performing modified mortgage loan will take place generally over a period of several years, during which we earn and collect interest income on such mortgage loan. Our current expectation is that we will receive cash on modified mortgage loans through monthly borrower payments, incentive payments earned pursuant to HAMP, payoffs or acquisition of the property securing the mortgage loans and liquidation of the property in the event the borrower subsequently defaults. Due to the recent addition of new modification programs, both through HAMP and proprietary programs, trends in default performance are difficult to discern.

Large-scale refinancing of modified mortgage loans is not expected to occur for an extended period. Borrowers who have recently modified their mortgage loans typically have credit profiles that do not qualify them for refinancing or have mortgage loans on properties whose loan-to-value ratios exceed current underwriting guidelines for new mortgage loans. Further, modified mortgage loans require a period of acceptable borrower performance, generally 12 months of timely mortgage payments, for consideration in most Agency refinance programs.

The following tables present a summary of mortgage loan modifications completed:

Modification type (1)	Quarter ended March 31, 2016		2015	
	Number of loans	Balance of loans (2) (dollars in thousands)	Number of loans	Balance of loans (2)
Rate reduction	219	\$ 56,929	149	\$ 33,677
Term extension	335	\$ 92,790	169	\$ 40,684
Capitalization of interest and fees	352	\$ 97,729	196	\$ 46,253
Principal forbearance	91	\$ 28,895	44	\$ 13,145
Principal reduction	209	\$ 60,809	98	\$ 23,691
Total (1)	352	\$ 97,729	196	\$ 46,253
Defaults of mortgage loans modified in the prior year period		\$ 789		\$ 5,526
As a percentage of balance of loans before modification		2%		7%
Defaults during the period of mortgage loans modified since acquisitions(3)		\$ 26,629		\$ 32,516
As a percentage of balance of loans before modification		4%		6%
Repayments and sales of mortgage loans modified in the prior year period		\$ 101		\$ 1,362
As a percentage of balance of loans before modification		0%		1%

- (1) Modification type categories are not mutually exclusive and a modification of a single loan may be counted in multiple categories. The total number of modifications noted in the table is therefore lower than the sum of all of the categories.
- (2) Before modification.
- (3)

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Represents defaults of mortgage loans during the period that have been modified by us at any point since acquisition.

The following table summarizes the average effect of the modifications noted above to the terms of the loans modified:

Category	Quarter ended March 31,			
	2016		2015	
	Before modification	After modification	Before modification	After modification
(dollars in thousands)				
Loan balance	\$ 278	\$ 296	\$ 236	\$ 245
Remaining term (months)	327	448	316	426
Interest rate	4.95%	3.67%	5.50%	3.53%
Forbeared principal	\$	\$ 18	\$	\$ 8

Table of Contents*Net Mortgage Loan Servicing Fees*

Our correspondent production activity is the primary source of our mortgage loan servicing portfolio. When we sell mortgage loans, we generally enter into a contract to service the mortgage loans and recognize the fair value of such contracts as MSR. Under these contracts, we are required to perform mortgage loan servicing functions in exchange for fees and the right to other compensation. The servicing functions, which are performed on our behalf by PLS, typically include, among other responsibilities, collecting and remitting mortgage loan payments; responding to borrower inquiries; accounting for principal and interest, holding custodial (impound) funds for payment of property taxes and insurance premiums; counseling delinquent mortgagors; and supervising foreclosures and property dispositions.

Net loan servicing fees are summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Servicing fees (1)	\$ 28,872	\$ 22,629
MSR recapture fee receivable from PFSI	130	
Effect of MSRs:		
Carried at lower of amortized cost or fair value:		
Amortization	(14,287)	(9,592)
Provision for impairment	(17,706)	(6,379)
Gain on sale		83
Carried at fair value change in fair value	(11,415)	(9,816)
Gains on hedging derivatives	29,960	11,076
	(13,448)	(14,628)
Net loan servicing fees	\$ 15,554	\$ 8,001
Average servicing portfolio	\$ 43,253,977	\$ 34,599,043

(1) Includes contractually specified servicing and ancillary fees, net of guarantee fees.

Net loan servicing fees increased \$7.6 million, or 94%, during the quarter ended March 31, 2016, as compared to the same quarter ended March 31, 2015. The increase was primarily due to a \$6.2 million, or 28%, increase in servicing fees, supplemented by a \$1.2 million decrease in the effect of MSRs on net loan servicing fees. The increase in servicing fees is attributable to a 25% increase in the average size of our servicing portfolio measured in UPB. The decrease in the effect of MSRs on net loan servicing fees was primarily a result of an increase in gains from hedging derivatives, partially offset by an increase in amortization and changes in fair value from the realization of cash flows that result from the growth in our average servicing portfolios, and an increase in the provision for impairment as a result of the effect of a sharper decline in interest rates on the expected life of the mortgage loans subject to MSRs during the quarter ended March 31, 2016, as compared to the same period in 2015.

We have entered into an MSR recapture agreement that requires PLS to transfer to us the MSRs with respect to new mortgage loans originated in refinancing transactions where PLS refinances a mortgage loan for which we previously

held the MSR. PLS is generally required to transfer MSRs relating to such mortgage loans (or, under certain circumstances, other mortgage loans) that have an aggregate unpaid principal balance that is not less than 30% of the aggregate unpaid principal balance of all the loans so originated. Where the fair value of the aggregate MSRs to be transferred for the applicable month is less than \$200,000, PLS may, at its option, settle in cash with us in an amount equal to such fair market value in place of transferring such MSRs. We recognized MSR recapture income during the quarter ended March 31, 2016 of \$130,000 and we did not recognize MSR recapture income during the quarter ended March 31, 2015.

Amortization, impairment and changes in fair value of MSRs have a significant effect on net mortgage loan servicing fees, driven primarily by our monthly re-estimation of the fair value of MSRs. As our investment in MSRs grows, we expect that the effect of amortization, impairment and changes in fair value will have an increasing influence on our net income.

We account for MSRs at either our estimate of the asset's fair value with changes in fair value recorded in current period earnings or using the amortization method with the MSRs carried at the lower of amortized cost or estimated fair value based on the class of MSR. We have identified two classes of MSRs: originated MSRs backed by mortgage loans with initial interest rates of less than or equal to 4.5%; and MSRs backed by mortgage loans with initial interest rates of more than 4.5%. Our subsequent accounting for MSRs is based on the class of MSRs. Originated MSRs backed by mortgage loans with initial interest rates of less than or equal to 4.5% are accounted for using the amortization method. Originated MSRs backed by mortgage loans with initial interest rates of more than 4.5% are accounted for at fair value with changes in fair value recorded in current period income.

Table of Contents

Our MSR's are summarized by the basis on which we account for the assets as presented below:

	March 31, 2016	December 31, 2015
	(in thousands)	
MSR's carried at fair value	\$ 61,071	\$ 66,584
MSR carried at lower of amortized cost or fair value:		
Amortized cost	\$ 422,676	\$ 404,101
Valuation allowance	(28,650)	(10,944)
Carrying value	\$ 394,026	\$ 393,157
Fair value	\$ 405,635	\$ 424,154
Total MSR:		
Carrying value	\$ 455,097	\$ 459,741
Fair value	\$ 466,706	\$ 490,738
UPB of mortgage loans underlying MSR's	\$ 44,207,616	\$ 42,300,338
Average servicing fee rate (in basis points)		
MSR's carried at lower of amortized cost or fair value	26	26
MSR's carried at fair value	25	25
Average note interest rate		
MSR's carried at lower of amortized cost or fair value	3.9%	3.9%
MSR's carried at fair value	4.7%	4.7%

Results of Real Estate Acquired in Settlement of Loans

Results of REO includes the gains or losses we record upon sale of the properties as well as valuation adjustments we record during the period we hold those properties. During the quarters ended March 31, 2016 and 2015, we recorded net losses of \$6.0 million and \$5.8 million, respectively, in *Results of real estate acquired in settlement of loans*.

Results of REO are summarized below:

	Quarter ended March 31 2016	2015
	(dollars in thousands)	
During the period:		

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Proceeds from sales of REO	\$ 64,908	\$ 65,976
Results of real estate acquired in settlement of loans:		
Valuation adjustments, net	(10,645)	(11,400)
Gain on sale, net	4,609	5,568
	\$ (6,036)	\$ (5,832)
Number of properties sold	376	486
Average carrying value of REO	\$ 338,435	\$ 312,415
Period end:		
Carrying value	\$ 327,212	\$ 317,536
Number of properties in inventory	1,501	1,728

Table of Contents**Expenses**

Our expenses are summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Expenses payable to PFSI:		
Mortgage loan fulfillment fees	\$ 12,935	\$ 12,866
Mortgage loan servicing fees	11,453	10,670
Management fees	5,352	7,003
Professional services	2,293	1,828
Mortgage loan collection and liquidation	2,214	1,445
Compensation	1,289	2,808
Other (1)	5,636	4,857
	\$ 41,172	\$ 41,477

- (1) On December 15, 2015, the Operating Partnership amended its management agreement to provide that the total costs and expenses incurred by PFSI in any quarter and reimbursable by the Operating Partnership is capped at an amount equal to the product of (A) 70 basis points (0.0070), multiplied by (B) PMT's shareholders' equity (as defined in the management agreement) as of the last day of the month preceding quarter end, divided by four. Expenses decreased \$305,000, or 1%, during the quarter ended March 31, 2016, as compared to the quarter ended March 31, 2015, primarily due to decreased management incentive fees from lower net income over the rolling four-quarter period upon which our performance incentive fee is based and lower compensation expense from a decrease in share-based compensation costs, partially offset by higher mortgage loan servicing fees reflecting a higher average mortgage loan servicing portfolio and higher mortgage loan collection and liquidation expenses from increased litigation and other foreclosure costs on distressed mortgage loans.

Mortgage Loan Fulfillment Fees

Mortgage loan fulfillment fees represent fees we pay to PLS for the services it performs on our behalf in connection with our acquisition, packaging and sale of mortgage loans. The fee is calculated as a percentage of the UPB of the mortgage loans purchased. Mortgage loan fulfillment fees and related fulfillment volume are summarized below:

	Quarter ended March 31,	
	2016	2015
	(dollars in thousands)	
Fulfillment fee expense	\$ 12,935	\$ 12,866
UPB of mortgage loans fulfilled by PLS	\$ 3,259,363	\$ 2,890,132
Average fulfillment fee rate (in basis points)	40	45

The increase in loan fulfillment fees of \$69,000 during the quarter ended March 31, 2016, as compared to the same period in 2015 is primarily due to an increase in the volume of Agency-eligible mortgage loans we purchased in our correspondent production activities, partially offset by a decrease in the average fulfillment fee rate charged by PFSI to fulfill mortgage loans from our correspondent production activities due to contractual discretionary reductions in the fulfillment fee by PFSI to facilitate our successful completion of certain mortgage loan sale transactions.

Mortgage Loan Servicing Fees

Mortgage loan servicing fees increased by \$783,000, or 7%, during the quarter ended March 31, 2016, as compared to the same period in 2015. We incur mortgage loan servicing fees primarily in support of our investment in mortgage loans at fair value and our mortgage loan servicing portfolio. The increase in mortgage loan servicing fees reflects the increase in our average mortgage loan servicing portfolio from \$34.6 billion at March 31, 2015 to \$43.3 billion at March 31, 2016 and an increase in activity-based fees, which increased by \$697,000, or 24%, during the quarter ended March 31, 2016, as compared to the same period in 2015, from increased loan modification and resolution activity on distressed mortgage loans. These increases were partially offset by a decrease in our average investment in distressed mortgage loans at fair value of \$245.2 million, or 11%, during the quarter ended March 31, 2016, as compared to the same period in 2015.

Table of Contents

Mortgage loan servicing fees payable to PLS are summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Mortgage loan servicing fees		
Mortgage loans acquired for sale at fair value:		
Base	\$ 56	\$ 26
Activity-based	115	31
	171	57
Mortgage loans at fair value:		
Distressed mortgage loans		
Base	3,359	4,032
Activity-based	3,449	2,894
	6,808	6,926
Mortgage loans held in VIE		
Base	41	30
Activity-based		
	41	30
MSRs:		
Base	4,344	3,626
Activity-based	89	31
	4,433	3,657
	\$ 11,453	\$ 10,670
MSR recapture income recognized included in <i>Net mortgage loan servicing fees</i>	\$ 130	\$
Average investment in:		
Mortgage loans acquired for sale at fair value	\$ 918,741	\$ 756,646
Mortgage loans at fair value:		
Distressed mortgage loans	\$ 2,064,101	\$ 2,309,282
Mortgage loans held in a VIE	\$ 454,538	\$ 526,220
Average mortgage loan servicing portfolio	\$ 43,253,977	\$ 34,599,043

Management Fees

The components of our management fee payable to PCM are summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Base	\$ 5,352	\$ 5,730
Performance incentive		1,273
	\$ 5,352	\$ 7,003

Management fees decreased by \$1.7 million during the quarter ended March 31, 2016 as compared to the same period in 2015, primarily due to the decrease in our income over the rolling four-quarter period upon which our performance incentive fee is based, thereby reducing such performance incentive fee, and to the effects on our shareholders' equity of our share repurchases and dividend distributions.

We expect our management fees to fluctuate in the future based on: (1) changes in our shareholders' equity with respect to our base management fee; and (2) the level of our profitability in excess of the return thresholds specified in our management agreement with respect to the performance incentive fee.

Professional Services

Professional service expense increased \$465,000 during the quarter ended March 31, 2016, as compared to the same period in 2015, primarily due to an increase in expenses for legal and other professional fees and increased servicing and collection costs associated with the administration and sale of reperforming distressed mortgage loans.

Table of Contents*Mortgage loan collection and liquidation*

Mortgage loan collection and liquidation expenses increased \$769,000 during the quarter ended March 31, 2016, as compared to the same period in 2015, due to increased legal and other foreclosure costs on distressed mortgage loans. As distressed mortgage loans continue to age, we expect to incur increased costs related to the ongoing preservation of our interests in such mortgage loans.

Compensation

Compensation expense decreased by \$1.5 million during the quarter ended March 31, 2016, as compared to the same period in 2015, primarily due to decreased share-based compensation expense, reflecting the effects of the Company's decreasing share price on the portion of the Company's restricted share unit grants that are accounted for using variable accounting.

Other Expenses

Other expenses are summarized below:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Common overhead allocation from PFSI (1)	\$ 2,561	\$ 2,392
Mortgage loan origination	1,121	953
Real estate held for investment	557	
Technology	435	292
Insurance	318	373
Other	644	847
	\$ 5,636	\$ 4,857

- (1) On December 15, 2015, the Operating Partnership amended its management agreement to provide that the total costs and expenses incurred by PFSI in any quarter and reimbursable by the Operating Partnership is capped at an amount equal to the product of (A) 70 basis points (0.0070), multiplied by (B) PMT's shareholders' equity (as defined in the management agreement) as of the last day of the month preceding quarter end, divided by four.

Other expenses increased during the quarter ended March 31, 2016, as compared to the same period in 2015, by \$779,000 primarily due to higher real estate expenses incurred on the management of our real estate held for investment and higher loan origination expenses, reflecting increased mortgage loan production volume.

Income Taxes

We have elected to treat PMC as a TRS. Income from a TRS is only included as a component of REIT taxable income to the extent that the TRS makes dividend distributions of income to the REIT. No such dividend distributions have been made to date. A TRS is subject to corporate federal and state income tax. Accordingly, a provision for income taxes for PMC is included in the accompanying *Consolidated Statements of Income*.

Our effective tax rate was (31)% and 297% for the quarters ended March 31, 2016 and 2015, respectively. The change in our tax benefit was due primarily to reduced losses before income taxes incurred at our taxable REIT subsidiary. Our taxable REIT subsidiary recognized a tax benefit of \$3.5 million on a loss of \$6.0 million while our consolidated pretax income was \$11.0 million for the quarter ended March 31, 2016. For the same period in 2015, the taxable REIT subsidiary recognized a tax benefit of \$11.3 million on a loss of \$28.6 million and our reported consolidated pretax loss was \$3.8 million. The relative values between the tax benefit at the taxable REIT subsidiary and our consolidated pretax income drive the fluctuation in the effective tax rate. The primary difference between our effective tax rate and the statutory tax rate is due to non-taxable REIT income resulting from the dividends paid deduction.

In general, cash dividends declared by us will be considered ordinary income to shareholders for income tax purposes. Some portion of the dividends may be characterized as capital gain distributions or as return of capital.

Table of Contents**Balance Sheet Analysis**

Following is a summary of key balance sheet items as of the dates presented:

	March 31, 2016	December 31, 2015
	(in thousands)	
Assets		
Cash	\$ 66,972	\$ 58,108
Investments:		
Short-term investments	47,500	41,865
Mortgage-backed securities	364,439	322,473
Mortgage loans acquired for sale at fair value	1,339,633	1,283,795
Mortgage loans at fair value	2,496,778	2,555,788
ESS	321,976	412,425
Derivative assets	18,462	10,085
Real estate acquired in settlement of loans	327,212	341,846
Real estate held for investment	12,758	8,796
MSRs	455,097	459,741
	5,383,855	5,436,814
Other	369,613	332,002
Total assets	\$ 5,820,440	\$ 5,826,924
Liabilities		
Borrowings:		
Assets sold under agreements to repurchase and mortgage loan participation and sale agreement	\$ 3,307,414	\$ 3,128,780
FHLB advances		183,000
Notes payable	206,191	236,015
Asset-backed financing of a VIE at fair value	344,693	247,690
Exchangeable Notes	245,307	245,054
Note payable to PFSI	150,000	150,000
	4,253,605	4,190,539
Other	152,332	140,272
Total liabilities	4,405,937	4,330,811
Shareholders' equity	1,414,503	1,496,113
Total liabilities and shareholders' equity	\$ 5,820,440	\$ 5,826,924

Total assets decreased by approximately \$5.3 million, or 0.1%, during the period from December 31, 2015 through March 31, 2016, primarily due to a \$90.4 million decrease in ESS, a \$59.0 million decrease in mortgage loans at fair value, and a \$14.6 million decrease in REO, partly offset by a \$55.8 million increase in mortgage loans acquired for

sale at fair value, a \$42.0 million increase in mortgage-backed securities, and a \$14.5 million increase in cash and short-term investments.

Table of Contents**Asset Acquisitions**

Our asset acquisitions are summarized below.

Correspondent Production

Following is a summary of our correspondent production acquisitions at fair value:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
Correspondent mortgage loan purchases:		
Government-insured or guaranteed	\$ 6,775,489	\$ 5,378,834
Agency-eligible	3,366,853	2,927,419
Jumbo	6,879	60,317
Commercial mortgage loans	4,715	
	\$ 10,153,936	\$ 8,366,570
UPB of correspondent mortgage loan purchases	\$ 9,687,223	\$ 7,996,405
Gain on mortgage loans acquired for sale	\$ 15,049	\$ 10,160
Fair value of correspondent loans in inventory at period end pending sale to:		
PFSI	\$ 596,166	\$ 599,390
Non-affiliates	743,467	767,574
	\$ 1,339,633	\$ 1,366,964

During the quarter ended March 31, 2016, we purchased for sale \$10.2 billion in fair value of correspondent production loans, as compared to \$8.4 billion in fair value of correspondent production loans during the quarter ended March 31, 2015. The increase in correspondent purchases during the quarter ended March 31, 2016, as compared to the quarter ended March 31, 2015, is a result of a favorable interest rate environment and continued growth in our correspondent production seller network.

Our ability to continue the expansion of our correspondent production business is subject to, among other factors, our ability to source additional mortgage loan volume, our ability to obtain additional inventory financing and our ability to fund the portion of the mortgage loans not financed, either through cash flows from business activities or the raising of additional equity capital. There can be no assurance that we will be successful in increasing our borrowing capacity or in obtaining the additional equity capital necessary or that we will be able to identify additional sources of mortgage loans.

Investment Portfolio

Following is a summary of our acquisitions of mortgage-related investments other than correspondent production acquisitions as shown in the preceding table:

	Quarter ended March 31,	
	2016	2015
	(in thousands)	
MBS	\$ 50,702	\$ 25,129
Distressed mortgage loans nonperforming (1)		241,981
Deposits of restricted cash relating to CRT Agreements	66,706	
MSRs purchased and received in mortgage loan sales	38,764	27,460
ESS purchased from PFSI		46,412
	\$ 156,172	\$ 340,982

(1) Performance status as of the date of acquisition.

Table of Contents

Our acquisitions during the quarter ended March 31, 2016 and during the quarter ended March 31, 2015 were financed through the use of a combination of proceeds from liquidations of existing investments and borrowings. We continue to identify additional means of increasing our investment portfolio through cash flow from our business activities, existing investments, borrowings, and transactions that minimize current cash outlays. However, we expect that, over time, our ability to continue our investment activities portfolio growth will depend on our ability to raise additional equity capital.

Investment Portfolio Composition*Mortgage-Backed Securities*

Following is a summary of our Agency and non-Agency prime jumbo MBS holdings:

	March 31, 2016					December 31, 2015				
	Fair value	Principal	Life (in years)	Average Coupon	Market yield	Fair value	Principal	Life (in years)	Average Coupon	Market yield
				(dollars in thousands)						
Agency:										
Freddie Mac	\$ 201,950	\$ 192,700	5.8	3.5%	2.5%	\$ 154,697	\$ 150,099	7.4	3.5%	3.0%
Fannie Mae	69,505	66,193	5.8	3.5%	2.4%	70,453	68,215	7.4	3.5%	3.0%
	271,455	258,893				225,150	218,314			
Non-Agency										
prime jumbo	92,984	92,612	4.9	3.4%	3.6%	97,323	98,337	4.9	3.5%	3.6%
	\$ 364,439	\$ 351,505				\$ 322,473	\$ 316,651			

Distressed Mortgage Loans

The relationship of the fair value of our distressed mortgage loans at fair value to the underlying real estate collateral is summarized below:

	March 31, 2016		December 31, 2015	
	Loan	Collateral	Loan	Collateral
	(in thousands)			
Fair values:				
Performing loans	\$ 960,474	\$ 1,423,580	\$ 877,438	\$ 1,134,560
Nonperforming loans	1,087,089	1,578,866	1,222,956	1,702,548
	\$ 2,047,563	\$ 3,002,446	\$ 2,100,394	\$ 2,837,108

The collateral values presented above do not represent our assessment of the amount of future cash flows to be realized from the mortgage loans and/or underlying collateral. Future cash flows will be influenced by, among other

considerations, our asset disposition strategies with respect to individual loans, the costs and expenses we incur in the disposition process, changes in borrower performance and the underlying collateral values. Ultimate realization in a disposition of these assets will be net of any servicing advances held on the balance sheet in relation to these investments.

The collateral values summarized above are estimated and may change over time due to various factors including our level of access to the properties securing the loans, changes in the real estate market or the condition of individual properties. The collateral values presented do not include any costs that would typically be incurred in obtaining the property in settlement of the loan, readying the property for sale or in the sale of a property.

Table of Contents

Following is a summary of the distribution of our mortgage loans at fair value (excluding mortgage loans acquired for sale at fair value and mortgage loans at fair value held by a VIE):

Loan type	March 31, 2016						December 31, 2015					
	Performing loans			Nonperforming loans			Performing loans			Nonperforming loans		
	Fair value	% total	Average note rate	Fair value	% total	Average note rate	Fair value	% total	Average note rate	Fair value	% total	Average note rate
(dollars in thousands)												
Fixed	\$ 458,662	48%	4.30%	\$ 418,339	39%	5.62%	\$ 417,658	48%	4.35%	\$ 481,325	39%	5.62%
ARM/Hybrid	160,519	16%	3.42%	621,874	57%	4.82%	160,051	18%	3.33%	696,802	57%	4.80%
Interest rate												
Step-up	341,111	36%	2.34%	46,876	4%	2.22%	299,569	34%	2.28%	44,829	4%	2.25%
Balloon	182	0%	1.97%		0%	0.00%	160	0%	1.97%		0%	0.00%
	\$ 960,474	100%	3.43%	\$ 1,087,089	100%	5.00%	\$ 877,438	100%	3.43%	\$ 1,222,956	100%	5.01%

Lien position	March 31, 2016						December 31, 2015					
	Performing loans			Nonperforming loans			Performing loans			Nonperforming loans		
	Fair value	% total	Average note rate	Fair value	% total	Average note rate	Fair value	% total	Average note rate	Fair value	% total	Average note rate
(dollars in thousands)												
1st lien	\$ 959,735	100%	3.42%	\$ 1,086,973	100%	4.99%	\$ 876,748	100%	3.43%	\$ 1,222,816	100%	5.01%
2nd lien	739	0%	4.20%	116	0%	8.74%	690	0%	4.28%	140	0%	8.47%
Unsecured		0%	0.00%		0%	0.00%		0%	0.00%		0%	0.00%
	\$ 960,474	100%	3.43%	\$ 1,087,089	100%	5.00%	\$ 877,438	100%	3.43%	\$ 1,222,956	100%	5.01%

Occupancy	March 31, 2016						December 31, 2015					
	Performing loans			Nonperforming loans			Performing loans			Nonperforming loans		
	Fair value	% total	Average note rate	Fair value	% total	Average note rate	Fair value	% total	Average note rate	Fair value	% total	Average note rate
(dollars in thousands)												
Owner occupied	\$ 746,328	78%	3.49%	\$ 593,323	55%	4.97%	\$ 685,801	78%	3.49%	\$ 666,257	55%	4.99%
Investment property	211,260	22%	3.18%	492,803	45%	5.03%	188,659	22%	3.20%	555,531	45%	5.03%
Other	2,886	0%	4.29%	963	0%	6.27%	2,978	0%	4.17%	1,168	0%	5.69%
	\$ 960,474	100%	3.43%	\$ 1,087,089	100%	5.00%	\$ 877,438	100%	3.43%	\$ 1,222,956	100%	5.01%

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Loan age	March 31, 2016						December 31, 2015					
	Performing loans			Nonperforming loans			Performing loans			Nonperforming loans		
	Fair value	% total	Average	Fair value	% total	Average	Fair value	% total	Average	Fair value	% total	Average
			note rate			note rate			note rate			note rate
			(dollars in thousands)									
Less than 12 months	\$ 37	0%	2.77%	\$	0%	0.00%	\$ 55	0%	3.18%	\$	0%	0.00%
12-35 months	23,284	2%	4.23%		0%	0.00%	24,331	3%	4.24%		0%	0.00%
36-59 months	2,607	0%	3.27%	312	0%	3.93%	4,131	0%	3.22%	2,083	0%	3.43%
60 months or more	934,546	98%	3.41%	1,086,777	100%	5.00%	848,921	97%	3.41%	1,220,873	100%	5.01%
	\$ 960,474	100%	3.43%	\$ 1,087,089	100%	5.00%	\$ 877,438	100%	3.43%	\$ 1,222,956	100%	5.01%

Origination ICO score	March 31, 2016						December 31, 2015					
	Performing loans			Nonperforming loans			Performing loans			Nonperforming loans		
	Fair value	% total	Average	Fair value	% total	Average	Fair value	% total	Average	Fair value	% total	Average
			note			note			note			note
			rate			rate			rate			rate
(dollars in thousands)												
Less than 600	\$ 213,884	22%	3.74%	\$ 188,162	17%	4.96%	\$ 200,856	23%	3.77%	\$ 203,493	17%	5.01%
600-649	183,054	19%	3.55%	208,055	19%	4.86%	158,654	18%	3.58%	237,879	19%	4.88%
650-699	241,281	25%	3.33%	330,552	30%	5.01%	216,648	25%	3.33%	370,178	30%	5.03%
700-749	225,566	24%	3.16%	266,511	25%	5.08%	210,329	24%	3.15%	301,417	25%	5.09%
750 or greater	96,689	10%	3.27%	93,809	9%	5.08%	90,951	10%	3.24%	109,989	9%	5.06%
	\$ 960,474	100%	3.43%	\$ 1,087,089	100%	5.00%	\$ 877,438	100%	3.43%	\$ 1,222,956	100%	5.01%

Table of Contents

Loan-to-value (1)	March 31, 2016						December 31, 2015					
	Performing loans			Nonperforming loans			Performing loans			Nonperforming loans		
	Fair value	% total	Average	Fair value	% total	Average	Fair value	% total	Average	Fair value	% total	
			note rate			note rate			note rate			
			(dollars in thousands)									
80%	\$ 318,579	33%	3.99%	\$ 294,800	27%	5.17%	\$ 250,154	29%	4.09%	\$ 309,945	25%	
99%	247,996	26%	3.55%	317,841	29%	4.86%	225,574	26%	3.53%	317,076	26%	
19.99%	191,987	20%	3.23%	220,518	20%	4.88%	190,336	22%	3.26%	291,866	24%	
greater	201,912	21%	2.89%	253,930	24%	5.05%	211,374	23%	2.97%	304,069	25%	
	\$ 960,474	100%	3.43%	\$ 1,087,089	100%	5.00%	\$ 877,438	100%	3.43%	\$ 1,222,956	100%	

- (1) Current loan-to-value is calculated based on the unpaid principal balance of the mortgage loan and our estimate of the value of the mortgaged property.

Geographic distribution	March 31, 2016						December 31, 2015					
	Performing loans			Nonperforming loans			Performing loans			Nonperforming loans		
	Fair value	% total	Average	Fair value	% total	Average	Fair value	% total	Average	Fair value	% total	Average
			note rate			note rate			note rate			note rate
			(dollars in thousands)									
California	\$ 278,046	29%	3.21%	\$ 171,294	16%	4.07%	\$ 260,103	30%	3.20%	\$ 201,717	16%	4.07%
New York	111,267	12%	3.10%	274,201	25%	5.54%	99,081	11%	3.07%	293,277	24%	5.54%
Florida	70,885	7%	3.09%	111,326	10%	5.37%	61,999	7%	3.15%	126,705	10%	5.37%
New Jersey	52,269	5%	2.85%	152,635	14%	5.17%	47,939	5%	2.84%	167,020	14%	5.17%
Other	448,007	47%	3.77%	377,633	35%	4.80%	408,316	47%	4.08%	434,237	36%	4.80%
	\$ 960,474	100%	3.43%	\$ 1,087,089	100%	5.00%	\$ 877,438	100%	3.43%	\$ 1,222,956	100%	5.00%

Payment status	March 31, 2016						December 31, 2015					
	Performing loans			Nonperforming loans			Performing loans			Nonperforming loans		
	Fair value	% total	Average	Fair value	% total	Average	Fair value	% total	Average	Fair value	% total	Average
			note rate			note rate			note rate			note rate
			(dollars in thousands)									
Current	\$ 813,461	85%	3.38%	\$	0%	0.00%	\$ 691,925	79%	3.34%	\$	0%	0.00%
30 days delinquent	102,804	11%	3.63%		0%	0.00%	131,098	15%	3.73%		0%	0.00%
60 days delinquent	44,209	4%	3.73%		0%	0.00%	54,415	6%	3.78%		0%	0.00%
90 days or more delinquent		0%	0.00%	422,152	39%	4.43%		0%	0.00%	459,060	38%	4.43%
In foreclosure		0%	0.00%	664,937	61%	5.35%		0%	0.00%	763,896	62%	5.35%

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

\$ 960,474	100%	3.43%	\$ 1,087,089	100%	5.00%	\$ 877,438	100%	3.43%	\$ 1,222,956	100%	5.00%
------------	------	-------	--------------	------	-------	------------	------	-------	--------------	------	-------

We believe that our current fair value estimates are representative of fair value at the reporting date. However, the market for distressed mortgage assets is illiquid with a limited number of participants. Furthermore, our business strategy is to enhance value during the period in which the loans are held. Therefore, any resulting appreciation or depreciation in the fair value of the loans is recorded during such holding period and ultimately realized at the end of the holding period.

Table of Contents

Following is a comparison of the key inputs we use in the valuation of our mortgage loans at fair value using Level 3 fair value inputs:

Key inputs	March 31,		December 31, 2015	
	2016			
Discount rate				
Range	2.5%	15.0%	2.5%	15.0%
Weighted average	6.8%		7.1%	
Twelve-month projected housing price index change				
Range	1.7%	5.9%	1.5%	5.1%
Weighted average	3.7%		3.6%	
Prepayment speed (1)				
Range	0.1%	10.6%	0.1%	9.6%
Weighted average	3.8%		3.7%	
Total prepayment speed (2)				
Range	0.6%	25.9%	0.5%	27.2%
Weighted average	20.0%		19.6%	

(1) Prepayment speed is measured using Life Voluntary CPR.

(2) Total prepayment speed is measured using Life Total CPR.

We monitor and value our investments in pools of distressed mortgage loans by payment status of the loans. Most of the measures we use to value and monitor the loan portfolio, such as projected prepayment and default speeds and discount rates, are applied or output at the pool level. The characteristics of the individual loans, such as loan size, loan-to-value ratio and current delinquency status, can vary widely within a pool.

The weighted average discount rate used in the valuation of mortgage loans at fair value decreased from 7.1% at December 31, 2015 to 6.8% March 31, 2016 as lower estimates of recoveries in the resolution of the distressed portfolios reduced yield expectations.

The weighted average twelve-month projected housing price index change used in the valuation of our portfolio of mortgage loans at fair value increased from 3.6% at December 31, 2015 to 3.7% at March 31, 2016, due to improved forecasts for real estate price appreciation in the geographic areas in which our portfolio of mortgage loans is concentrated.

The weighted average total prepayment speed used in the valuation of our portfolio of mortgage loans at fair value increased from 19.6% at December 31, 2015 to 20.0% March 31, 2016 due to a greater concentration of more seasoned non-performing loans at the end of the reporting period.

Real Estate Acquired in Settlement of Loans

Following is a summary of our REO by property type:

Property type	March 31, 2016		December 31, 2015	
	Carrying value	% total	Carrying value	% total
(dollars in thousands)				
1 - 4 dwelling units	\$ 238,235	73%	\$ 249,340	73%
Planned unit development	57,179	18%	54,404	16%
Condominium/Townhome/Co-op	30,899	9%	35,593	10%
5+ dwelling units	899	0%	2,509	1%
	\$ 327,212	100%	\$ 341,846	100%

Table of Contents

Geographic distribution	March 31, 2016		December 31, 2015	
	Carrying value	% total	Carrying value	% total
	(dollars in thousands)			
California	\$ 72,089	22%	\$ 76,222	22%
Florida	51,694	16%	58,924	17%
New Jersey	40,399	12%	36,394	11%
New York	36,023	11%	27,300	8%
Maryland	24,336	7%	30,763	9%
Illinois	18,193	6%	21,029	6%
Other	84,478	26%	91,214	27%
	\$ 327,212	100%	\$ 341,846	100%

Following is a summary of the status of our portfolio of acquisitions by quarter acquired for the periods in which we made acquisitions:

	Acquisitions for the quarter ended December 31,							
	March 31, 2015		2014		June 30, 2014		March 31, 2014	
	At purchase	March 31, 2016	At purchase	March 31, 2016	At purchase	March 31, 2016	At purchase	March 31, 2016
	(dollars in millions)							
UPB	\$ 310.2	\$ 270.8	\$ 330.8	\$ 292.1	\$ 37.9	\$ 30.6	\$ 439.0	\$ 324.1
Pool factor (1)	1.00	0.87	1.00	0.88	1.00	0.81	1.00	0.74
Collection status:								
Delinquency								
Current	1.8%	18.0%	1.6%	32.5%	0.7%	32.6%	6.2%	21.9%
30 days	0.3%	1.6%	1.6%	3.7%	0.6%	6.5%	0.7%	1.9%
60 days	0.1%	1.4%	7.1%	2.1%	1.4%	3.4%	0.7%	1.1%
over 90 days	66.7%	24.3%	52.7%	25.0%	59.0%	29.6%	37.5%	18.9%
In foreclosure	31.1%	38.9%	36.9%	27.8%	38.3%	14.0%	53.8%	40.6%
REO	0.0%	15.8%	0.0%	9.0%	0.0%	13.9%	1.1%	15.5%

(1) Ratio of UPB remaining to UPB at acquisition.

	Acquisitions for the quarter ended September 30,							
	December 31, 2013		2013		June 30, 2013		March 31, 2013	
	At purchase	March 31, 2016	At purchase	March 31, 2016	At purchase	March 31, 2016	At purchase	March 31, 2016
	(dollars in millions)							
UPB	\$ 507.3	\$ 372.2	\$ 929.5	\$ 572.1	\$ 397.3	\$ 249.4	\$ 366.2	\$ 182.0
Pool factor (1)	1.00	0.73	1.00	0.62	1.00	0.63	1.00	0.50
Collection status:								

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Delinquency

Current	1.4%	17.9%	0.8%	28.6%	4.8%	40.3%	1.6%	54.3%
30 days	0.2%	3.4%	0.3%	3.2%	7.4%	5.4%	1.5%	6.7%
60 days	0.0%	0.4%	0.7%	1.8%	7.6%	2.8%	3.5%	3.7%
over 90 days	38.3%	15.4%	58.6%	18.0%	45.3%	15.2%	82.2%	14.8%
In foreclosure	60.0%	41.9%	39.6%	29.4%	34.9%	22.3%	11.2%	11.8%
REO	0.0%	20.9%	0.0%	19.1%	0.0%	13.9%	0.0%	8.7%

(1) Ratio of UPB remaining to UPB at acquisition.

Table of Contents

	Acquisitions for the quarter ended							
	December 31, 2012		September 30, 2012		June 30, 2012		December 31, 2011	
	At purchase	March 31, 2016	At purchase	March 31, 2016	At purchase	March 31, 2016	At purchase	March 31, 2016
	(dollars in millions)							
Unpaid principal balance	\$ 290.3	\$ 133.5	\$ 357.2	\$ 141.0	\$ 402.5	\$ 126.4	\$ 49.0	\$ 23.3
Pool factor (1)	1.00	0.46	1.00	0.39	1.00	0.31	1.00	0.48
Collection status:								
Delinquency								
Current	3.1%	44.1%	0.0%	33.8%	45.0%	47.1%	0.2%	43.6%
30 days	1.3%	8.1%	0.0%	2.7%	4.0%	8.0%	0.1%	3.8%
60 days	5.4%	3.6%	0.1%	1.5%	4.3%	3.6%	0.2%	0.5%
over 90 days	57.8%	15.2%	49.1%	17.3%	31.3%	17.7%	70.4%	21.3%
In foreclosure	32.4%	15.1%	50.8%	25.7%	15.3%	16.9%	29.0%	19.3%
REO	0.0%	13.8%	0.0%	19.1%	0.1%	6.7%	0.0%	11.5%

(1) Ratio of UPB remaining to UPB at acquisition.

	Acquisitions for the quarter ended							
	September 30, 2011		June 30, 2011		March 31, 2011		December 31, 2010	
	At purchase	March 31, 2016	At purchase	March 31, 2016	At purchase	March 31, 2016	At purchase	March 31, 2016
	(dollars in millions)							
Unpaid principal balance	\$ 542.6	\$ 126.5	\$ 259.8	\$ 74.3	\$ 515.1	\$ 131.6	\$ 277.8	\$ 48.4
Pool factor (1)	1.00	0.23	1.00	0.29	1.00	0.26	1.00	0.17
Collection status:								
Delinquency								
Current	0.6%	38.3%	11.5%	38.9%	2.0%	33.3%	5.0%	44.0%
30 days	1.3%	5.9%	6.5%	4.1%	1.9%	6.2%	4.0%	6.7%
60 days	2.0%	2.6%	5.2%	2.9%	3.9%	0.8%	5.1%	3.6%
over 90 days	22.6%	17.6%	31.2%	18.3%	25.9%	16.1%	26.8%	15.5%
In foreclosure	73.0%	22.0%	43.9%	23.2%	66.3%	31.4%	59.1%	13.6%
REO	0.4%	13.6%	1.7%	12.6%	0.0%	12.2%	0.0%	16.7%

(1) Ratio of UPB remaining to UPB at acquisition.

	Acquisitions for the quarter ended							
	September 30, 2010		June 30, 2010		March 31, 2010		March 31, 2010	
	At purchase	March 31, 2016	At purchase	March 31, 2016	At purchase	March 31, 2016	At purchase	March 31, 2016

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

	purchase	2016	purchase	2016	purchase	2016
	(dollars in millions)					
Unpaid principal balance	\$ 146.2	\$ 19.0	\$ 195.5	\$ 27.5	\$ 182.7	\$ 31.6
Pool factor (1)	1.00	0.13	1.00	0.14	1.00	0.17
Collection status:						
Delinquency						
Current	1.2%	36.2%	5.1%	33.9%	6.2%	46.6%
30 days	0.4%	2.5%	2.0%	10.7%	1.6%	4.1%
60 days	1.3%	11.6%	4.1%	1.9%	5.8%	2.6%
over 90 days	38.2%	22.0%	42.8%	14.8%	37.8%	11.1%
In foreclosure	58.9%	18.7%	45.9%	30.9%	46.4%	22.8%
REO	0.0%	9.0%	0.0%	7.8%	2.3%	12.7%

(1) Ratio of UPB remaining to UPB at acquisition.

Table of Contents**Cash Flows**

Our cash flows for the quarters ended March 31, 2016 and 2015 are summarized below:

	Quarter ended March 31,		Change
	2016	2015	
	(in thousands)		
Operating activities	\$ (39,570)	\$ (753,129)	\$ 713,559
Investing activities	93,069	(91,348)	184,417
Financing activities	(44,635)	833,759	(878,394)
Net cash flows	\$ 8,864	\$ (10,718)	\$ 19,582

Our cash flows resulted in a net increase in cash of \$8.9 million during the quarter ended March 31, 2016. The increase was due to cash provided by investing activities exceeding cash used by our operating and financing activities.

Operating activities

Cash used by operating activities totaled \$39.6 million during the quarter ended March 31, 2016, as compared to cash used by operating activities of \$753.1 million during the quarter ended March 31, 2015. The decrease in cash flows used by operating activities is primarily due to the growth in our inventory of mortgage loans acquired for sale during the quarter ended March 31, 2015, as compared to the same period in 2016.

Investing activities

Net cash provided by our investing activities was \$93.1 million for the quarter ended March 31, 2016, as compared to cash used by investing activities of \$91.3 million for the quarter ended March 31, 2015. The decrease in cash flows used reflects higher investment acquisitions during the first quarter of 2015 from the purchase of distressed mortgage loans and ESS of \$288.4, as compared to no acquisitions of distressed mortgage loans or ESS during the same period in 2016, and a higher realization of proceeds from sales and repayments on our investments, which exceeded our investment in CRT Agreements. We realized cash inflows from repayments of MBS, sales and repayments of mortgage loans, repayment of ESS, and sales of REO totaling \$206.5 million. We used cash to purchase MBS of \$50.7 million and increased deposits of cash collateral securing CRT Agreements transactions by \$66.7 million.

Our investing activities have included the purchase of long-term assets which are not presently cash flowing or are at risk of interruption of cash flows in the near future. Furthermore, much of the investment income we recognize is in the form of valuation adjustments we record recognizing our estimates of the net appreciation in value of the assets as we work with borrowers to either modify their loans or acquire the property securing their loans in settlement thereof. Accordingly, the cash associated with a substantial portion of our revenues is often realized as part of the proceeds of the liquidation of the assets, either through payoff or sale of the mortgage loan or through acquisition and subsequent sale of the property securing the mortgage loans, many months after we record the revenues.

Financing activities

Net cash used by financing activities was \$44.6 million for the quarter ended March 31, 2016, as compared to cash provided of \$833.8 million for the quarter ended March 31, 2015. During the quarter ended March 31, 2016, we (i) financed lower amounts of assets sold under agreements to repurchase from a lower balance of mortgage loans at fair value; (ii) repaid all outstanding debt obligations with the Federal Home Loan Bank; and (iii) repurchased common shares under our share repurchase program. As discussed below in *Liquidity and Capital Resources*, our Manager continues to evaluate and pursue additional sources of financing that may be required to provide us with future investing capacity.

We do not raise equity or enter into borrowings for the purpose of financing the payment of dividends. We believe that our cash flows from the liquidation of our investments, which include accumulated gains recorded during the periods we hold those investments, along with our cash earnings, are adequate to fund our operating expenses and dividend payment requirements. However, we manage our liquidity in the aggregate and are reinvesting our cash flows in new investments as well as using such cash to fund our dividend requirements.

Table of Contents

Liquidity and Capital Resources

Our liquidity reflects our ability to meet our current obligations (including the purchase of loans from correspondent lenders, our operating expenses and, when applicable, retirement of, and margin calls relating to, our debt and derivatives positions), make investments as our Manager identifies them, pursue our share repurchase program and make distributions to our shareholders. We generally need to distribute at least 90% of our taxable income each year (subject to certain adjustments) to our shareholders to qualify as a REIT under the Internal Revenue Code. This distribution requirement limits our ability to retain earnings and thereby replenish or increase capital to support our activities.

We expect our primary sources of liquidity to be proceeds from liquidations from our investment portfolio, including distressed assets, cash earnings on our investments, cash flows from business activities, and proceeds from borrowings and/or additional equity offerings. We believe that our liquidity is sufficient to meet our current liquidity needs.

We do not expect repayments from contractual cash flows from our investments to be a primary source of liquidity as the majority of our investments are distressed assets that are nonperforming. Our portfolio of distressed mortgage loans was acquired with the expectation that the majority of the cash flows associated with these investments would result from liquidation of the property securing the loan, rather than from scheduled principal and interest payments. Our mortgage loans acquired for sale are generally held for fifteen days or less and, therefore, are not expected to generate significant cash flows from principal repayments.

Our current leverage strategy is to finance our assets where we believe such borrowing is prudent, appropriate and available. We have made collateralized borrowings in the form of sales of assets under agreements to repurchase, mortgage loan participation and sale agreements, notes payable, and Federal Home Loan Bank (FHLB) advances. Copper Insurance, LLC, our wholly-owned captive insurance subsidiary, was previously granted membership with the FHLB of Des Moines. However, this membership is expected to be terminated in approximately one year as a result of a rule that was recently finalized by the FHFA, pursuant to which captive insurers are no longer permitted to be members of FHLBs. Accordingly, we have repaid all FHLB advances and such advances are no longer available to us. In prior years we also made collateralized borrowings in the form of borrowings under forward purchase agreements. To the extent available to us, we expect in the future to obtain long-term financing for assets with estimated future lives of more than one year; this may include term financing and securitization of performing (including newly purchased jumbo mortgage loans), nonperforming and/or reperforming mortgage loans.

We will continue to finance most of our assets on a short-term basis until long-term financing becomes more available. Our short-term financings will be primarily in the form of agreements to repurchase and other secured lending and structured finance facilities, pending the ultimate disposition of the assets, whether through sale, securitization or liquidation. Because a significant portion of our current debt facilities consists of short-term borrowings, we expect to renew these facilities in advance of maturity in order to ensure our ongoing liquidity and access to capital or otherwise allow ourselves sufficient time to replace any necessary financing.

Our repurchase agreements represent the sales of assets together with agreements for us to buy back the assets at a later date. Following is a summary of the activities in our repurchase agreements financing:

Assets sold under agreements to repurchase	Quarter ended March 31,	
	2016	2015
	(in thousands)	

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Average balance outstanding	\$ 2,797,301	\$ 2,847,915
Maximum daily balance outstanding	\$ 3,577,236	\$ 3,860,671
Ending balance	\$ 3,245,014	\$ 3,562,109

The difference between the maximum and average daily amounts outstanding is primarily due to increasing volume and the timing of loan purchases and sales in our correspondent acquisition business. The total facility size of our assets sold under agreements to repurchase was approximately \$4.3 billion at March 31, 2016.

As discussed above, all of our repurchase agreements, notes payable, and mortgage loan participation and sale agreement, have short-term maturities:

The transactions relating to mortgage loans and REO under agreements to repurchase generally provide for terms of approximately one year and, in one instance, two years.

Table of Contents

The transactions relating to mortgage loans under mortgage loan participation and sale agreement provide for terms of approximately one year.

The transactions relating to assets under notes payable provide for terms of approximately one year. As of March 31, 2016, leverage on MSRs and ESS continues to be limited in availability due to the requirement of each Agency that its rights and interest in the MSRs remain senior to those of any lender extending credit. As we continue to aggregate MSRs and ESS, the limited availability of financing could place stress on our capital and liquidity positions or require us to forego attractive investment opportunities.

Our debt financing agreements require us and certain of our subsidiaries to comply with various financial covenants. As of the filing of this Report, these financial covenants include the following:

profitability at the Company for at least one (1) of the previous two consecutive fiscal quarters, as of the end of each fiscal quarter, and over the prior six month period measured at each calendar quarter end, and at the Company and our Operating Partnership over the prior three (3) calendar quarters;

a minimum of \$40 million in unrestricted cash and cash equivalents among the Company and/or our subsidiaries; a minimum of \$40 million in unrestricted cash and cash equivalents among our Operating Partnership and its consolidated subsidiaries; a minimum of \$25 million in unrestricted cash and cash equivalents between PMC and PMH; and a minimum of \$10 million in unrestricted cash and cash equivalents at each of PMC and PMH;

a minimum tangible net worth for the Company of \$860 million; a minimum tangible net worth for our Operating Partnership of \$700 million; a minimum tangible net worth for PMH of \$250 million; and a minimum tangible net worth for PMC of \$150 million;

a maximum ratio of total liabilities to tangible net worth of less than 10:1 for PMC and PMH and 5:1 for the Company and our Operating Partnership; and

at least two warehouse or repurchase facilities that finance amounts and assets similar to those being financed under our existing debt financing agreements.

Although these financial covenants limit the amount of indebtedness we may incur and impact our liquidity through minimum cash reserve requirements, we believe that these covenants currently provide us with sufficient flexibility to successfully operate our business and obtain the financing necessary to achieve that purpose.

PLS is also subject to various financial covenants, both as a borrower under its own financing arrangements and as our servicer under certain of our debt financing agreements. The most significant of these financial covenants currently include the following:

positive net income during each calendar quarter;

a minimum in unrestricted cash and cash equivalents of \$20 million;

a minimum tangible net worth of \$200 million; and

a maximum ratio of total liabilities to tangible net worth of 10:1.

In addition to the financial covenants imposed upon us and PLS under our debt financing agreements, effective December 31, 2015, each of the Agencies has implemented new minimum financial eligibility requirements for Agency mortgage sellers/servicers and MBS issuers, as applicable. These minimum financial eligibility requirements are intended to set a minimum level of capital needed to adequately absorb potential losses and a minimum amount of liquidity needed to service Agency mortgage loans and MBS and cover the associated financial obligations and risks. Currently, we and/or PLS as our servicer, as applicable, are required to comply with the following minimum financial eligibility requirements:

A minimum net worth of a base of \$2.5 million plus 25 basis points of UPB for total 1-4 unit residential mortgage loans serviced.

A tangible net worth/total assets ratio greater than or equal to 6%.

Liquidity equal to or exceeding 3.5 basis points multiplied by the aggregate UPB of all mortgages secured by 1-4 unit residential properties serviced for Freddie Mac, Fannie Mae and Ginnie Mae (Agency Mortgage Servicing) plus 200 basis points multiplied by the sum of nonperforming (90 or more days delinquent) Agency Mortgage Servicing that exceed 6% of Agency Mortgage Servicing.

Table of Contents

In the case of PLS, liquidity equal to the greater of \$1.0 million or 0.10% (10 basis points) of its outstanding Ginnie Mae single-family securities, which must be met with cash and cash equivalents.

In the case of PLS, net worth equal to \$2.5 million plus 0.35% (35 basis points) of its outstanding Ginnie Mae single-family obligations.

Our debt financing agreements also contain margin call provisions that, upon notice from the applicable lender at its option, require us to transfer cash or, in some instances, additional assets in an amount sufficient to eliminate any margin deficit. A margin deficit will generally result from any decline in the market value (as determined by the applicable lender) of the assets subject to the related financing agreement, although in some instances we may agree with the lender upon certain thresholds (in dollar amounts or percentages based on the market value of the assets) that must be exceeded before a margin deficit will arise. Upon notice from the applicable lender, we will generally be required to satisfy the margin call on the day of such notice or within one business day thereafter, depending on the timing of the notice.

Our Manager continues to explore a variety of additional means of financing our continued growth, including debt financing through bank warehouse lines of credit, additional repurchase agreements, term financing, securitization transactions and additional equity offerings. However, there can be no assurance as to how much additional financing capacity such efforts will produce, what form the financing will take or that such efforts will be successful.

Off-Balance Sheet Arrangements and Aggregate Contractual Obligations***Off-Balance Sheet Arrangements and Guarantees***

As of March 31, 2016, we have not entered into any off-balance sheet arrangements or guarantees of off-balance sheet obligations.

Contractual Obligations

As of March 31, 2016, we had contractual obligations aggregating to \$5.7 billion comprised of borrowings, interest expense on long term debt from our Exchangeable Notes and asset-backed financing of a VIE, and commitments to purchase mortgage loans from correspondent lenders. Payment obligations under these agreements, including expected interest payments on financing agreements, are summarized below:

Contractual obligations	Total	Payments due by period			
		Less than 1 year	1 - 3 years	3 - 5 years	More than 5 years
		(in thousands)			
Commitments to purchase mortgage loans from correspondent lenders	\$ 1,234,894	\$ 1,234,894	\$	\$	\$
Assets sold under agreements to repurchase	3,246,095	3,246,095			
Mortgage loan participation and sale agreements	62,400	62,400			
Notes payable	206,228	206,228			
Note payable to PFSI	150,000	150,000			
Asset-backed financing of a VIE	344,693				344,693

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Exchangeable Notes	250,000			250,000	
Interest expense on long term debt	254,878	25,546	50,283	42,417	136,632
Total	\$ 5,749,188	\$ 4,925,163	\$ 50,283	\$ 292,417	\$ 481,325

Table of Contents

The amount at risk (the fair value of the assets pledged plus the related margin deposit, less the amount advanced by the counterparty and accrued interest) relating to our debt financing is summarized by counterparty below as of March 31, 2016:

Counterparty	Amount at risk (in thousands)
Citibank, N.A.	\$ 352,889
Credit Suisse First Boston Mortgage Capital LLC	278,944
JPMorgan Chase & Co.	204,771
Bank of America, N.A.	54,063
Morgan Stanley Bank, N.A.	17,903
Daiwa Capital Markets America Inc.	9,370
BNP Paribas Corporate & Institutional Banking	3,469
Barclays Bank PLC	970
	\$ 922,379

Management Agreement. We are externally managed and advised by our Manager pursuant to a management agreement, which was amended and restated effective February 1, 2013. Our management agreement requires our Manager to oversee our business affairs in conformity with the investment policies that are approved and monitored by our board of trustees. Our Manager is responsible for our day-to-day management and will perform such services and activities related to our assets and operations as may be appropriate.

Pursuant to our management agreement, our Manager collects a base management fee and may collect a performance incentive fee, both payable quarterly and in arrears. The term of our management agreement expires on February 1, 2017, subject to automatic renewal for additional 18-month periods, unless terminated earlier in accordance with the terms of the agreement.

The base management fee is calculated at a defined annualized percentage of shareholders' equity. Our shareholders' equity is defined as the sum of the net proceeds from any issuances of our equity securities since our inception (weighted for the time outstanding during the measurement period); plus our retained earnings at the end of the quarter; less any amount that we pay for repurchases of our common shares (weighted for the time held during the measurement period); and excluding one-time events pursuant to changes in GAAP and certain other non-cash charges after discussions between our Manager and our independent trustees and approval by a majority of our independent trustees.

Pursuant to the terms of our amended and restated management agreement, the base management fee is equal to the sum of (i) 1.5% per annum of shareholders' equity up to \$2 billion, (ii) 1.375% per annum of shareholders' equity in excess of \$2 billion and up to \$5 billion, and (iii) 1.25% per annum of shareholders' equity in excess of \$5 billion. The base management fee is paid in cash.

The performance incentive fee is calculated at a defined annualized percentage of the amount by which net income, on a rolling four-quarter basis and before deducting the incentive fee, exceeds certain levels of return on equity. For the purpose of determining the amount of the performance incentive fee, net income is defined as net income or loss computed in accordance with GAAP and certain other non-cash charges determined after discussions between our Manager and our independent trustees and approval by a majority of our independent trustees. For this purpose, equity

is the weighted average of the issue price per common share of all of our public offerings, multiplied by the weighted average number of common shares outstanding (including restricted share units) in the four-quarter period.

The performance incentive fee is calculated quarterly and escalates as net income (stated as a percentage of return on equity) increases over certain thresholds. On each calculation date, the threshold amounts represent a stated return on equity, plus or minus a high watermark adjustment. The performance fee payable for any quarter is equal to: (a) 10% of the amount by which net income for the quarter exceeds (i) an 8% return on equity plus the high watermark, up to (ii) a 12% return on equity; plus (b) 15% of the amount by which net income for the quarter exceeds (i) a 12% return on equity plus the high watermark, up to (ii) a 16% return on equity; plus (c) 20% of the amount by which net income for the quarter exceeds a 16% return on equity plus the high watermark.

The high watermark is the quarterly adjustment that reflects the amount by which the net income (stated as a percentage of return on equity) in that quarter exceeds or falls short of the lesser of 8% and the Fannie Mae MBS Yield (the target yield) for such quarter. The high watermark starts at zero and is adjusted quarterly. If the net income is lower than the target yield, the high watermark is increased by the difference. If the net income is higher than the target yield, the high watermark is reduced by the difference. Each time a performance incentive fee is earned, the high watermark returns to zero. As a result, the threshold amounts required for our Manager to earn a performance incentive fee are adjusted cumulatively based on the performance of our net income over (or under) the target yield, until the net income in excess of the target yield exceeds the then-current cumulative high watermark amount, and a performance incentive fee is earned. The performance incentive fee may be paid in cash or in our common shares (subject to a limit of no more than 50% paid in common shares), at our option.

Table of Contents

Our Manager is entitled to reimbursement of its organizational and operating expenses, including third-party expenses, incurred on our behalf. Pursuant to the terms of our management agreement, our Manager is entitled to grant discretionary waivers of certain overhead expenses that otherwise would be allocable to us. On December 15, 2015, the Operating Partnership amended its management agreement to provide that the total costs and expenses incurred by PFSI in any quarter and reimbursable by the Operating Partnership is capped at an amount equal to the product of (A) 70 basis points (0.0070), multiplied by (B) PMT's shareholdings equity (as defined in the management agreement) as of the last day of the month preceding quarter end, divided by four.

Our Manager may also be entitled to a termination fee under certain circumstances. Specifically, the termination fee is payable for (1) our termination of our management agreement without cause, (2) our Manager's termination of our management agreement upon a default by us in the performance of any material term of the agreement that has continued uncured for a period of 30 days after receipt of written notice thereof or (3) our Manager's termination of the agreement after the termination by us without cause (excluding a non-renewal) of our MBWS agreement, our MSR recapture agreement, or our servicing agreement (each as described and/or defined below). The termination fee is equal to three times the sum of (a) the average annual base management fee and (b) the average annual (or, if the period is less than 24 months, annualized) performance incentive fee, in each case earned by our Manager during the 24-month period before termination.

Our management agreement also provides that, prior to the undertaking by our Manager or its affiliates of any new investment opportunity or any other business opportunity requiring a source of capital with respect to which our Manager or its affiliates will earn a management, advisory, consulting or similar fee, our Manager shall present to us such new opportunity and the material terms on which our Manager proposes to provide services to us before pursuing such opportunity with third parties.

Servicing Agreement. We have entered into a servicing agreement with our PLS pursuant to which PLS provides servicing for our portfolio of residential mortgage loans. The loan servicing provided by PLS includes collecting principal, interest and escrow account payments, if any, with respect to mortgage loans, as well as managing loss mitigation, which may include, among other things, collection activities, loan workouts, modifications, foreclosures and short sales. PLS also engages in certain loan origination activities that include refinancing mortgage loans and financings that facilitate sales of real estate owned properties, or REOs. The term of our servicing agreement, as amended, expires on February 1, 2017, subject to automatic renewal for additional 18-month periods, unless terminated earlier in accordance with the terms of the agreement.

The base servicing fees for distressed whole loans are calculated based on a monthly per-loan dollar amount, with the actual dollar amount for each loan based on the delinquency, bankruptcy and/or foreclosure status of such loan or whether the underlying mortgaged property has become REO. Presently, the base servicing fee rates for distressed whole loans range from \$30 per month for current loans up to \$125 per month for loans that are in foreclosure. The base servicing fee rate for REO is \$75 per month. To the extent that we rent our REO under our REO rental program, we pay PLS an REO rental fee of \$30 per month per REO and a property management fee in an amount equal to PLS's cost if property management services and/or any related software costs are outsourced to a third-party property management firm or 9% of gross rental income if PLS provides property management services directly.

The base servicing fees for loans subserviced by PLS on our behalf are also calculated through a monthly per-loan dollar amount, with the actual dollar amount for each loan based on whether the mortgage loan is a fixed-rate or adjustable-rate loan. The base servicing fees for loans subserviced on our behalf are \$7.50 per month for fixed-rate loans and \$8.50 per month for adjustable-rate mortgage loans. To the extent that these loans become delinquent, PLS is entitled to an additional servicing fee per loan falling within a range of \$10 to \$55 per month and based on the delinquency, bankruptcy and foreclosure status of the loan or \$75 per month if the underlying mortgaged property

becomes REO. PLS is also entitled to customary ancillary income and certain market-based fees and charges, including boarding and deboarding fees, liquidation and disposition fees, and assumption, modification and origination fees.

In addition, because we do not have any employees or infrastructure, PLS is required to provide a range of services and activities significantly greater in scope than the services provided in connection with a customary servicing arrangement. For these services, PLS receives a supplemental servicing fee of \$25 per month for each distressed whole loan and, through August 31, 2015, received a supplemental fee of \$3.25 per month for each non-distressed subserviced loan. With respect to non-distressed subserviced mortgage loans, the supplemental servicing fee was subject to a cap of \$700,000 per quarter. The supplemental servicing fee for non-distressed subserviced mortgage loans was eliminated, effective as of September 1, 2015. PLS is entitled to reimbursement for all customary, bona fide reasonable and necessary out-of-pocket expenses incurred by PLS in connection with the performance of its servicing obligations.

Table of Contents

Except as otherwise provided in our MSR recapture agreement, when PLS effects a refinancing of a loan on our behalf and not through a third-party lender and the resulting loan is readily saleable, or PLS originates a loan to facilitate the disposition of the real estate acquired by us in settlement of a loan, PLS is entitled to receive from us market-based fees and compensation consistent with pricing and terms PLS offers unaffiliated third parties on a retail basis.

To the extent that PLS participates in HAMP (or other similar mortgage loan modification programs), PLS is entitled to retain any incentive payments made to it and to which it is entitled under HAMP, provided that, with respect to any incentive payments paid to PLS in connection with a mortgage loan modification for which we previously paid PLS a modification fee, PLS is required to reimburse us an amount equal to the incentive payments.

Mortgage Banking and Warehouse Services Agreement. We have also entered into a mortgage banking and warehouse services agreement (the "MBWS agreement"), pursuant to which PLS provides us with certain mortgage banking services, including fulfillment and disposition-related services, with respect to loans acquired by us from correspondent lenders, and certain warehouse lending services, including fulfillment and administrative services, with respect to loans financed by us for our warehouse lending clients. The term of our MBWS agreement expires on February 1, 2017, subject to automatic renewal for additional 18-month periods, unless terminated earlier in accordance with the terms of the agreement.

Under our MBWS agreement, PLS has agreed to provide the mortgage banking services exclusively for our benefit, and PLS and its affiliates are prohibited from providing such services for any other third party. However, such exclusivity and prohibition shall not apply, and certain other duties instead will be imposed upon PLS, if we are unable to purchase or finance mortgage loans as contemplated under our MBWS agreement for any reason.

In consideration for the mortgage banking services provided by PLS with respect to our acquisition of mortgage loans, PLS is entitled to a fulfillment fee based on the type of mortgage loan that we acquire and equal to a percentage of the unpaid principal balance of such mortgage loan. Presently, the applicable percentages are (i) 0.50% for conventional mortgage loans, (ii) 0.88% for loans sold in accordance with the Ginnie Mae Mortgage-Backed Securities Guide, and (iii) 0.50% for all other mortgage loans not contemplated above; provided, however, that PLS may, in its sole discretion, reduce the amount of the applicable fulfillment fee and credit the amount of such reduction to the reimbursement otherwise due as described below. This reduction may only be credited to the reimbursement applicable to the month in which the related mortgage was funded.

We do not hold the Ginnie Mae approval required to issue Ginnie Mae MBS and act as a servicer. Accordingly, under our MBWS agreement, PLS currently purchases loans saleable in accordance with the Ginnie Mae Mortgage-Backed Securities Guide as is and without recourse of any kind from us at cost less an administrative fee paid by the correspondent to us plus accrued interest and a sourcing fee of three basis points.

In the event that we purchase mortgage loans with a total UPB in any month greater than \$2.5 billion and less than \$5 billion, PLS has agreed to discount the amount of such fulfillment fees by reimbursing us an amount equal to the product of (i) 0.025%, (ii) the amount of UPB in excess of \$2.5 billion, and (iii) the percentage of the total UPB relating to mortgage loans for which we paid fulfillment fees in such month. In the event we purchase mortgage loans with a total UPB in any month greater than \$5 billion, PLS has agreed to further discount the amount of fulfillment fees by reimbursing us an amount equal to the product of (i) 0.05%, (ii) the amount of UPB in excess of \$5 billion, and (iii) the percentage of total UPB relating to mortgage loans for which we paid fulfillment fees in such month.

In consideration for the mortgage banking services provided by PLS with respect to our acquisition of mortgage loans under PLS's early purchase program, PLS is entitled to fees accruing (i) at a rate equal to \$1,500 per annum, and (ii) in the amount of \$35 for each mortgage loan that we acquire. In consideration for the warehouse services provided by

PLS with respect to mortgage loans that we finance for our warehouse lending clients, with respect to each facility, PLS is entitled to fees accruing (i) at a rate equal to \$40,000 per annum for each of the first twenty (20) warehouse lending facilities active in any month and \$10,000 per annum for each additional warehouse lending facility active in any month, and (ii) in the amount of \$50 with respect to each mortgage loan that we finance thereunder. Where we have entered into both an early purchase agreement and a warehouse lending agreement with the same client, PLS shall only be entitled, with respect to any mortgage loan that becomes subject to both such agreements, to the \$50 per mortgage loan fee provided under the warehouse lending agreement.

Notwithstanding any provision of our MBWS agreement to the contrary, if it becomes reasonably necessary or advisable for PLS to engage in additional services in connection with post-breach or post-default resolution activities for the purposes of a correspondent agreement, a warehouse agreement or a re-warehouse agreement, then we have generally agreed with PLS to negotiate in good faith for additional compensation and reimbursement of expenses to be paid to PLS for the performance of such additional services.

Table of Contents

MSR Recapture Agreement. Effective February 1, 2013, we entered into an MSR recapture agreement with PLS. Pursuant to the terms of our MSR recapture agreement, if PLS refinances through its consumer direct lending business loans for which we previously held the MSRs, PLS is generally required to transfer and convey to us, without cost to us, the MSRs with respect to new mortgage loans originated in those refinancings (or, under certain circumstances, other mortgage loans) that have an aggregate unpaid principal balance that is not less than 30% of the total UPB of all such loans so originated. Where the fair market value of the aggregate MSRs to be transferred for the applicable month is less than \$200,000, PLS may, at its option, wire cash to us in an amount equal to the fair market value of the MSRs in lieu of transferring such MSRs. The term of our MSR recapture agreement expires, unless terminated earlier in accordance with the terms of the agreement, on February 1, 2017, subject to automatic renewal for additional 18-month periods, unless terminated in accordance with the terms of the agreement.

Spread Acquisition and MSR Servicing Agreements. Effective February 1, 2013, we entered into a master spread acquisition and MSR servicing agreement (the "2/1/13 Spread Acquisition Agreement"), pursuant to which we may acquire from PLS the rights to receive certain ESS arising from MSRs acquired by PLS from banks and other third-party financial institutions. PLS is generally required to service or subservice the related mortgage loans for the applicable agency or investor. To date, we have only used the 2/1/13 Spread Acquisition Agreement for the purpose of acquiring ESS relating to Fannie Mae MSRs. The terms of each transaction under the 2/1/13 Spread Acquisition Agreement are subject to the specific terms thereof, as modified and supplemented by the terms of a confirmation executed in connection with such transaction.

To the extent PLS refinances any of the mortgage loans relating to the ESS we have acquired, the 2/1/13 Spread Acquisition Agreement contains recapture provisions requiring that PLS transfer to us, at no cost, the ESS relating to a certain percentage of the unpaid principal balance of the newly originated mortgage loans. To the extent the fair market value of the aggregate ESS to be transferred for the applicable month is less than \$200,000, PLS may, at its option, wire cash to us in an amount equal to such fair market value in lieu of transferring such ESS.

On December 19, 2014, we entered into a second master spread acquisition and MSR servicing agreement with PLS (the "12/19/14 Spread Acquisition Agreement"). The terms of the 12/19/14 Spread Acquisition Agreement are substantially similar to the terms of the 2/1/13 Spread Acquisition Agreement, except that we only intend to purchase ESS relating to Freddie Mac MSRs under the 12/19/14 Spread Acquisition Agreement.

To the extent PLS refinances any of the mortgage loans relating to the ESS we have acquired, the 12/19/14 Spread Acquisition Agreement also contains recapture provisions requiring that PLS transfer to us, at no cost, the ESS relating to a certain percentage of the unpaid principal balance of the newly originated mortgage loans. To the extent the fair market value of the aggregate ESS to be transferred for the applicable month is less than \$200,000, PLS may, at its option, wire cash to us in an amount equal to such fair market value in lieu of transferring such ESS.

On February 29, 2016, the parties terminated the 2/1/13 Spread Acquisition Agreement and all amendments thereto. In connection with the termination of the 2/1/13 Spread Acquisition Agreement, our Servicer reacquired from us all of its right, title and interest in and to all of the Fannie Mae ESS previously sold by our Servicer to us and then subject to such 2/1/13 Spread Acquisition Agreement. On February 29, 2016, our Servicer also reacquired from us all of its right, title and interest in and to all of the Freddie Mae ESS previously sold by our Servicer to us and then subject to such 12/19/14 Spread Acquisition Agreement.

On April 30, 2015, we amended and restated a third master spread acquisition and MSR servicing agreement with PLS (the "4/30/15 Spread Acquisition Agreement"). The terms of the 4/30/15 Spread Acquisition Agreement are substantially similar to the terms of the 2/1/13 Spread Acquisition Agreement and the 12/19/14 Spread Acquisition Agreement, except that we only intend to purchase ESS relating to Ginnie Mae MSRs under the 4/30/15 Spread

Acquisition Agreement.

To the extent PLS refinances any of the mortgage loans relating to the ESS we have acquired, the 4/30/15 Spread Acquisition Agreement also contains recapture provisions requiring that PLS transfer to us, at no cost, the ESS relating to a certain percentage of the unpaid principal balance of the newly originated mortgage loans. However, under the 4/30/15 Spread Acquisition Agreement, in any month where the transferred ESS relating to newly originated Ginnie Mae mortgage loans is not equivalent to at least 90% of the product of the excess servicing fee rate and the unpaid principal balance of the refinanced mortgage loans, PLS is also required to transfer additional ESS or cash in the amount of such shortfall. Similarly, in any month where the transferred ESS relating to modified Ginnie Mae mortgage loans is not equivalent to at least 90% of the product of the excess servicing fee rate and the unpaid principal balance of the modified mortgage loans, the 4/30/15 Spread Acquisition Agreement contains provisions that require PLS to transfer additional ESS or cash in the amount of such shortfall. To the extent the fair market value of the aggregate ESS to be transferred for the applicable month is less than \$200,000, PLS may, at its option, wire cash to us in an amount equal to such fair market value in lieu of transferring such ESS.

Table of Contents

In connection with our entry into the 4/30/15 Spread Acquisition Agreement, we were also required to amend and restate the terms of a Security and Subordination Agreement (the "Security Agreement") with CSFB. Under the terms of the Security Agreement, we pledged to CSFB our rights under the 4/30/15 Spread Acquisition Agreement and our interest in any ESS purchased thereunder. The Security Agreement is required as a result of a separate repurchase agreement between PLS and CSFB (the "MSR Repo"), pursuant to which PLS finances Ginnie Mae MSR and servicing advance receivables and pledges to CSFB all of its rights and interests in any Ginnie Mae MSR it owns or acquires, and a separate acknowledgement agreement with respect thereto, by and among Ginnie Mae, CSFB and PLS. As a condition to permitting PLS to transfer to us the ESS relating to a portion of those pledged Ginnie Mae MSR, CSFB requires such transfer to be subject to CSFB's continuing lien on the ESS, the pledge and acknowledgement of which were effected pursuant to the Security Agreement. CSFB's lien on the ESS remains subordinate to the rights and interests of Ginnie Mae pursuant to the provisions of the 4/30/15 Spread Acquisition Agreement and the terms of the acknowledgement agreement.

The Security Agreement contains representations, warranties and covenants by us that are substantially similar to those contained in our other financing arrangements with CSFB. The Security Agreement also permits CSFB to liquidate our ESS along with the related MSR to the extent there exists an event of default under the MSR Repo, and it contains certain trigger events, including breaches of representations, warranties or covenants and defaults under other of our credit facilities, that would require PLS to either (i) repay in full the outstanding loan amount under the MSR Repo or (ii) repurchase the ESS from us at fair market value. To the extent PLS is unable to repay the loan under the MSR Repo or repurchase our ESS, an event of default would exist under the MSR Repo, thereby entitling CSFB to liquidate the ESS and the related MSR. In the event our ESS is liquidated as a result of certain actions or inactions of PLS, we generally would be entitled to seek indemnity under the 4/30/15 Spread Acquisition Agreement.

Note Payable to PLS. In connection with the MSR Repo and the Security Agreement described above, we entered into an underlying loan and security agreement with PLS, dated as of April 30, 2015, pursuant to which we may borrow up to \$150 million from PLS for the purpose of financing our investment in ESS (the "Underlying LSA"). In order to secure our borrowings, we pledge our ESS to PLS under the Underlying LSA, and PLS, in turn, re-pledges such ESS to CSFB under the MSR Repo.

The principal amount of the borrowings under the Underlying LSA is based upon a percentage of the market value of the ESS pledged to PLS, subject to the \$150 million sublimit described above. Pursuant to the Underlying LSA, we granted to PLS a security interest in all of our right, title and interest in, to and under the ESS pledged to secure the borrowings.

We have agreed with PLS in connection with the Underlying LSA that we are required to repay PLS the principal amount of borrowings plus accrued interest to the date of such repayment, and PLS, in turn, is required to repay CSFB the corresponding amount under the MSR Repo. Interest accrues on our note relating to the Underlying LSA at a rate based on CSFB's cost of funds under the MSR Repo. We were also required to pay PLS a fee for the structuring of the Underlying LSA in an amount equal to the portion of the corresponding fee paid by PLS to CSFB and allocable to the increase in the maximum loan amount under the MSR Repo resulting from the ESS financing.

Borrowings of \$150.0 million on the Underlying LSA were outstanding as of March 31, 2016, which are included in *Note payable to PennyMac Financial Services, Inc.* on our consolidated balance sheet.

Loan Purchase Agreements. We have entered into a mortgage loan purchase agreement and a flow commercial mortgage loan purchase agreement with our Servicer. Currently, we use the mortgage loan purchase agreement for the purpose of acquiring prime jumbo residential mortgage loans originated by our Servicer through its consumer direct lending channel. We use the flow commercial mortgage loan purchase agreement for the purpose of acquiring small

balance commercial mortgage loans, including multifamily mortgage loans, originated by our Servicer as part of our commercial lending business. Each of the loan purchase agreements contains customary terms and provisions, including representations and warranties, covenants, repurchase remedies and indemnities. The purchase prices we pay our Servicer for such loans are market-based.

Reimbursement Agreement. In connection with the initial public offering of our common shares on August 4, 2009 (the "IPO"), we entered into an agreement with PCM pursuant to which we agreed to reimburse PCM for the \$2.9 million payment that it made to the underwriters for the IPO (the "Conditional Reimbursement") if we satisfied certain performance measures over a specified period of time. Effective February 1, 2013, we amended the terms of the reimbursement agreement to provide for the reimbursement of PCM of the Conditional Reimbursement if we are required to pay PCM performance incentive fees under our management agreement at a rate of \$10 in reimbursement for every \$100 of performance incentive fees earned. The reimbursement of the Conditional Reimbursement is subject to a maximum reimbursement in any particular 12-month period of \$1.0 million and the maximum amount that may be reimbursed under the agreement is \$2.9 million. The reimbursement agreement also provides for the payment to the IPO underwriters of the payment that we agreed to make to them at the time of the IPO if we satisfied certain performance measures over a specified period of time. As PCM earns performance incentive fees under our management agreement, the IPO underwriters will be paid at a rate of \$20 of payments for every \$100 of performance incentive fees earned by PCM. The payment to the underwriters is subject to a maximum reimbursement in any particular 12-month period of \$2.0 million and the maximum amount that may be paid under the agreement is \$5.9 million.

Table of Contents

In the event the termination fee is payable to our Manager under our management agreement and our Manager and the underwriters have not received the full amount of the reimbursements and payments under the reimbursement agreement, such amount will be paid in full. The term of the reimbursement agreement expires on February 1, 2019.

Table of Contents**Quantitative and Qualitative Disclosures About Market Risk**

Market risk is the exposure to loss resulting from changes in interest rates, foreign currency exchange rates, commodity prices, equity prices, real estate values and other market-based risks. The primary market risks that we are exposed to are real estate risk, credit risk, interest rate risk, prepayment risk, inflation risk and market value risk. Our primary trading asset is our inventory of mortgage loans acquired for sale. We believe that such assets' fair values respond primarily to changes in the market interest rates for comparable recently-originated mortgage loans. Our other market-risk assets are a substantial portion of our investments and are comprised of distressed mortgage nonperforming loans and MSR. We believe that the fair values of MSR also respond primarily to changes in the market interest rates for comparable mortgage loans. We believe that the fair values of our investment in distressed mortgage loans respond primarily to changes in the fair value of the real estate securing such loans.

The following table summarizes the estimated change in fair value of our portfolio of distressed mortgage loans (comprised of mortgage loans at fair value, excluding mortgage loans at fair value held by VIE) as of March 31, 2016, given several hypothetical (instantaneous) changes in home values from those used in estimating fair value:

Property value shift in %	-15%	-10%	-5%	+5%	+10%	+15%
	(dollars in thousands)					
Fair value	1,855,055	1,912,937	1,965,974	2,058,712	2,098,560	2,134,688
Change in fair value:						
\$	\$ (159,549)	\$ (101,667)	\$ (48,631)	\$ 44,108	\$ 83,956	\$ 120,084
%	(7.9)%	(5.1)%	(2.4)%	2.2%	4.2%	6.0%

The following table summarizes the estimated change in fair value of our mortgage loans at fair value held by VIE as of March 31, 2016, net of the effect of changes in fair value of the related asset-backed financing of the VIE at fair value, given several hypothetical (instantaneous) changes in interest rates and parallel shifts in the yield curve:

Interest rate shift in basis points	-200	-100	-50	50	100	200
	(dollar in thousands)					
Fair value	\$ 326,287	\$ 325,047	\$ 322,198	\$ 312,958	\$ 306,427	\$ 292,646
Change in fair value:						
\$	\$ 7,964	\$ 6,724	\$ 3,875	\$ (5,365)	\$ (11,896)	\$ (25,677)
%	2.5%	2.1%	1.2%	(1.7)%	(3.7)%	(8.1)%

Mortgage Servicing Rights

The following tables summarize the estimated change in fair value of MSR accounted for using the amortization method as of March 31, 2016, given several shifts in pricing spreads, prepayment speed and annual per-loan cost of servicing:

Pricing spread shift in %	-20%	-10%	-5%	+5%	+10%	+20%
	(dollars in thousands)					
Fair value	\$ 431,306	\$ 418,084	\$ 411,767	\$ 399,682	\$ 393,899	\$ 382,820
Change in fair value:						

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

\$	\$ 25,671	\$ 12,448	\$ 6,131	\$ (5,953)	\$ (11,736)	\$ (22,815)
%	6.3%	3.1%	1.5%	(1.5)%	(2.9)%	(5.6)%
Prepayment speed shift in %	-20%	-10%	-5%	+5%	+10%	+20%
			(dollars in thousands)			
Fair value	\$ 446,558	\$ 425,206	\$ 415,212	\$ 396,451	\$ 387,637	\$ 371,033
Change in fair value:						
\$	\$ 40,923	\$ 19,571	\$ 9,577	\$ (9,184)	\$ (17,998)	\$ (34,602)
%	10.1%	4.8%	2.4%	(2.3)%	(4.4)%	(8.5)%

Table of Contents

Per-loan servicing cost shift in %	-20%	-10%	-5%	+5%	+10%	+20%
	(dollars in thousands)					
Fair value	\$ 416,506	\$ 411,070	\$ 408,353	\$ 402,918	\$ 400,200	\$ 394,765
Change in fair value:						
\$	\$ 10,870	\$ 5,435	\$ 2,718	\$ (2,718)	\$ (5,435)	\$ (10,870)
%	2.7%	1.3%	0.7%	(0.7)%	(1.3)%	(2.7)%

The following tables summarize the estimated change in fair value of MSRs accounted for using the fair value option method as of March 31, 2016, given several shifts in pricing spreads, prepayment speed and annual per-loan cost of servicing:

Pricing spread shift in %	-20%	-10%	-5%	+5%	+10%	+20%
	(dollars in thousands)					
Fair value	\$ 64,730	\$ 62,846	\$ 61,946	\$ 60,222	\$ 59,397	\$ 57,814
Change in fair value:						
\$	\$ 3,659	\$ 1,775	\$ 874	\$ (849)	\$ (1,675)	\$ (3,257)
%	6.0%	2.9%	1.4%	(1.4)%	(2.7)%	(5.3)%

Prepayment speed shift in %	-20%	-10%	-5%	+5%	+10%	+20%
	(dollars in thousands)					
Fair value	\$ 69,986	\$ 65,280	\$ 63,118	\$ 59,132	\$ 57,292	\$ 53,885
Change in fair value:						
\$	\$ 8,915	\$ 4,208	\$ 2,047	\$ (1,939)	\$ (3,779)	\$ (7,186)
%	14.6%	6.9%	3.4%	(3.2)%	(6.2)%	(11.8)%

Per-loan servicing cost shift in %	-20%	-10%	-5%	+5%	+10%	+20%
	(dollars in thousands)					
Fair value	\$ 62,879	\$ 61,975	\$ 61,523	\$ 60,619	\$ 60,167	\$ 59,264
Change in fair value:						
\$	\$ 1,807	\$ 904	\$ 452	\$ (452)	\$ (904)	\$ (1,807)
%	3.0%	1.5%	0.7%	(0.7)%	(1.5)%	(3.0)%

Excess servicing spread

The following tables summarize the estimated change in fair value of our ESS as of March 31, 2016, given several shifts in pricing spreads and prepayment speed:

Pricing spread shift in %	-20%	-10%	-5%	+5%	+10%	+20%
	(dollars in thousands)					
Fair value	\$ 339,260	\$ 330,391	\$ 326,128	\$ 317,929	\$ 313,984	\$ 306,386
Change in fair value:						
\$	\$ 17,285	\$ 8,415	\$ 4,153	\$ (4,047)	\$ (7,992)	\$ (15,590)
%	5.4%	2.6%	1.3%	(1.3)%	(2.5)%	(4.8)%

Prepayment speed shift in %	-20%	-10%	-5%	+5%	+10%	+20%
	(dollars in thousands)					

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Fair value	\$ 355,167	\$ 337,833	\$ 329,731	\$ 314,549	\$ 307,428	\$ 294,036
Change in fair value:						
\$	\$ 33,191	\$ 15,857	\$ 7,755	\$ (7,427)	\$ (14,548)	\$ (27,939)
%	10.3%	4.9%	2.4%	(2.3)%	(4.5)%	(8.7)%

Table of Contents

Item 3. Quantitative and Qualitative Disclosures About Market Risk

In response to this Item 3, the information set forth on pages 100 through 102 is incorporated herein by reference.

Item 4. Controls and Procedures

Disclosure Controls and Procedures

We maintain disclosure controls and procedures that are designed to ensure that information required to be disclosed in our reports filed under the Securities Exchange Act of 1934 (the Exchange Act) is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosures. However, no matter how well a control system is designed and operated, it can provide only reasonable, not absolute, assurance that it will detect or uncover failures within the Company to disclose material information otherwise required to be set forth in our periodic reports.

Our management has conducted an evaluation, with the participation of our Chief Executive Officer and Chief Financial Officer, of the effectiveness of our disclosure controls and procedures as of the end of the period covered by this Report as required by paragraph (b) of Rules 13a-15 and 15d-15 under the Exchange Act. Based on our evaluation, our Chief Executive Officer and Chief Financial Officer have concluded that our disclosure controls and procedures were effective, as of the end of the period covered by this Report, 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 Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure.

Internal Control over Financial Reporting

There has been no change in our internal control over financial reporting during the quarter ended March 31, 2016 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

Table of Contents**PART II. OTHER INFORMATION****Item 1. Legal Proceedings**

From time to time, we may be involved in various legal proceedings, claims and actions arising in the ordinary course of business. As of March 31, 2016, we were not involved in any such legal proceedings, claims or actions that management believes would be reasonably likely to have a material adverse effect on us.

Item 1A. Risk Factors

There are no material changes from the risk factors set forth under Item 1A. Risk Factors in our Annual Report on Form 10-K for the year ended December 31, 2015, filed with the SEC on February 29, 2016.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

There were no sales of unregistered equity securities during the quarter or nine months ended March 31, 2016.

The following table provides information about our common share repurchases during the quarter ended March 31, 2016:

Period		Total number of shares purchased	Average price paid per Share	Total number of shares purchased as part of publicly announced plans or programs (a)	Amount available for future share repurchases under the plans or programs (a) (in thousands)
January 1, 2016	January 31, 2016		\$		\$ 183,662
February 1, 2016	February 29, 2016	3,257,479	\$ 11.90	3,257,479	\$ 144,884
March 1, 2016	March 31, 2016	1,898,906	\$ 13.53	1,898,906	\$ 119,191
		5,156,385	\$ 12.50	5,156,385	\$ 119,191

- (a) In August 2015, our board of trustees approved a share repurchase program pursuant to which we are authorized to repurchase up to \$150 million of our common shares. In February 2016, our board of trustees approved an increase to our share repurchase program pursuant to which we are now authorized to repurchase up to \$200 million of our common shares. Under the program, we have discretion to determine the dollar amount of common shares to be repurchased and the timing of any repurchases in compliance with applicable law and regulation. The program does not have an expiration date. Amounts presented reflect balances as of the end of the applicable period.

Item 3. Defaults Upon Senior Securities

None

Item 4. *Mine Safety Disclosures*

Not applicable

Item 5. *Other Information*

None

Table of Contents

Item 6. Exhibits

Exhibit	
Number	Exhibit Description
3.1	Declaration of Trust of PennyMac Mortgage Investment Trust, as amended and restated (incorporated by reference to Exhibit 3.1 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2009).
3.2	Amended and Restated Bylaws of PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 3.1 of the Company's Current Report on Form 8-K filed on August 13, 2013).
4.1	Specimen Common Share Certificate of PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 4.1 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2009).
4.2	Indenture for Senior Debt Securities, dated as of April 30, 2013, among PennyMac Corp., PennyMac Mortgage Investment Trust and The Bank of New York Mellon Trust Company, N.A. (incorporated by reference to Exhibit 4.1 of the Company's Current Report on Form 8-K filed on April 30, 2013).
4.3	First Supplemental Indenture, dated as of April 30, 2013, among PennyMac Corp., PennyMac Mortgage Investment Trust and The Bank of New York Mellon Trust Company, N.A. (incorporated by reference to Exhibit 4.2 of the Company's Current Report on Form 8-K filed on April 30, 2013).
4.4	Form of 5.375% Exchangeable Senior Notes due 2020 (included in Exhibit 4.3).
10.1	Amended and Restated Limited Partnership Agreement of PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.2 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2009).
10.2	Registration Rights Agreement, dated as of August 4, 2009, among PennyMac Mortgage Investment Trust, Stanford L. Kurland, David A. Spector, BlackRock Holdco II, Inc., Highfields Capital Investments LLC and Private National Mortgage Acceptance Company, LLC (incorporated by reference to Exhibit 10.1 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2009).
10.3	Amended and Restated Underwriting Fee Reimbursement Agreement, dated as of February 1, 2013, by and among PennyMac Mortgage Investment Trust, PennyMac Operating Partnership, L.P. and PNMAC Capital Management, LLC (incorporated by reference to Exhibit 1.6 of the Company's Current Report on Form 8-K filed on February 7, 2013).
10.4	Amended and Restated Management Agreement, dated as of February 1, 2013, among PennyMac Mortgage Investment Trust, PennyMac Operating Partnership, L.P. and PNMAC Capital Management, LLC (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on February 7, 2013).
10.5	Amendment Number One to Amended and Restated Management Agreement, dated as of December 15, 2015, by and among PennyMac Mortgage Investment Trust, PennyMac Operating Partnership, L.P. and PNMAC Capital Management, LLC (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed on December 18, 2015).

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

- 10.6 Second Amended and Restated Flow Servicing Agreement, dated as of March 1, 2013, between PennyMac Operating Partnership, L.P. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.14 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2013).
- 10.7 Amendment No. 1 to Second Amended and Restated Flow Servicing Agreement, dated as of November 14, 2013, between PennyMac Operating Partnership, L.P. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed on November 20, 2013).
- 10.8 Amendment No. 2 to Second Amended and Restated Flow Servicing Agreement, dated as of June 1, 2014, between PennyMac Operating Partnership, L.P. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.8 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2014).
- 10.9 Amendment No. 3 to Second Amended and Restated Flow Servicing Agreement, dated as of December 11, 2014, between PennyMac Operating Partnership, L.P. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.8 of the Company's Annual Report on Form 10-K for the year ended December 31, 2014).
- 10.10 Amendment No. 4 to Second Amended and Restated Flow Servicing Agreement, dated as of March 31, 2015, between PennyMac Operating Partnership, L.P. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.9 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2015).

Table of Contents**Exhibit**

Number	Exhibit Description
10.11	Amendment No. 5 to Second Amended and Restated Flow Servicing Agreement, dated as of September 1, 2015, between PennyMac Operating Partnership, L.P. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.10 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2015).
10.12	PennyMac Mortgage Investment Trust 2009 Equity Incentive Plan (incorporated by reference to Exhibit 10.5 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2009).
10.13	Form of Restricted Share Unit Award Agreement under the PennyMac Mortgage Investment Trust 2009 Equity Incentive Plan (incorporated by reference to Exhibit 10.8 to Amendment No. 3 to the Company's Registration Statement on Form S-11, filed with the SEC on July 24, 2009).
10.14	Form of Restricted Share Unit Award Agreement under the PennyMac Mortgage Investment Trust 2009 Equity Incentive Plan.
10.15	Form of Performance Share Unit Award Agreement under the PennyMac Mortgage Investment Trust 2009 Equity Incentive Plan.
10.16	Amended and Restated Master Repurchase Agreement, dated as of June 1, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed June 5, 2013).
10.17	Amendment No. 1 to Amended and Restated Master Repurchase Agreement, dated as of August 29, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed September 5, 2013).
10.18	Amendment No. 2 to Amended and Restated Master Repurchase Agreement, dated as of October 1, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.31 of the Company's Annual Report on Form 10-K for the year ended December 31, 2013).
10.19	Amendment No. 3 to Amended and Restated Master Repurchase Agreement, dated as of December 27, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed January 3, 2014).
10.20	Amendment No. 4 to Amended and Restated Master Repurchase Agreement, dated as of December 31, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.33 of the Company's Annual Report on Form 10-K for the year ended December 31, 2013).
10.21	Amendment No. 5 to Amended and Restated Master Repurchase Agreement, dated as of January 10, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.33 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2014).
10.22	Amendment No. 6 to Amended and Restated Master Repurchase Agreement, dated as of February 21, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.3 of the Company's Current Report on Form 8-K filed on February 24, 2014).

- 10.23 Amendment No. 7 to Amended and Restated Master Repurchase Agreement, dated as of May 22, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.33 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2014).
- 10.24 Amendment No. 8 to Amended and Restated Master Repurchase Agreement, dated as of October 31, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.24 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2014).
- 10.25 Amendment No. 9 to Amended and Restated Master Repurchase Agreement, dated as of December 23, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.20 of the Company's Annual Report on Form 10-K for the year ended December 31, 2014).

Table of Contents

Exhibit

Number	Exhibit Description
10.26	Amendment No. 10 to Amended and Restated Master Repurchase Agreement, dated as of April 30, 2015, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.22 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2015).
10.27	Amendment No. 11 to Amended and Restated Master Repurchase Agreement, dated as of July 27, 2015, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.23 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2015).
10.28	Amendment No. 12 to Amended and Restated Master Repurchase Agreement, dated as of October 30, 2015, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.25 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2015).
10.29	Amendment No. 13 to Amended and Restated Master Repurchase Agreement, dated as of December 15, 2015, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.27 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
10.30	Amendment No. 14 to Amended and Restated Master Repurchase Agreement, dated as of January 28, 2016, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.28 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
10.31	Guaranty, dated as of November 2, 2010, by PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. and Credit Suisse First Boston Mortgage Capital LLC (incorporated by reference to Exhibit 10.14 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2010).
10.32	Master Repurchase Agreement, dated as of December 9, 2010, among PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC, and PennyMac Loan Services, LLC, and Citibank, N.A. (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on December 15, 2010).
10.33	Amendment Number One to the Master Repurchase Agreement, dated as of February 25, 2011, by and among Citibank, N.A. and PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on March 3, 2011).
10.34	Amendment Number Two to the Master Repurchase Agreement, dated as of December 8, 2011, by and among Citibank, N.A. and PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.28 of the Company's Annual Report on Form 10-K for the year ended December 31, 2011).
10.35	Amendment Number Three to the Master Repurchase Agreement, dated as of February 24, 2012, by and among Citibank, N.A. and PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.30 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2012).

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

- 10.36 Amendment Number Four to the Master Repurchase Agreement, dated as of April 13, 2012, by and among Citibank, N.A. and PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.32 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2012).
- 10.37 Amendment Number Five to the Master Repurchase Agreement, dated as of April 20, 2012, by and among Citibank, N.A. and PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.33 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2012).
- 10.38 Amendment Number Six to the Master Repurchase Agreement, dated as of May 31, 2012, by and among Citibank, N.A. and PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on June 5, 2012).
- 10.39 Amendment Number Seven to the Master Repurchase Agreement, dated as of November 13, 2012, by and among Citibank, N.A. and PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.39 of the Company's Annual Report on Form 10-K for the year ended December 31, 2012).

Table of Contents**Exhibit**

Number	Exhibit Description
10.40	Amendment Number Eight to the Master Repurchase Agreement, dated as of December 31, 2012, by and among Citibank, N.A. and PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.40 of the Company's Annual Report on Form 10-K for the year ended December 31, 2012).
10.41	Amendment Number Nine to the Master Repurchase Agreement, dated as of March 12, 2013, by and among Citibank, N.A. and PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on March 13, 2013).
10.42	Amendment Number Ten to the Master Repurchase Agreement, dated as of April 19, 2013, by and among Citibank, N.A. and PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.47 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2013).
10.43	Amendment Number Eleven to the Master Repurchase Agreement, dated as of June 25, 2013, by and among Citibank, N.A. and PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.48 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2013).
10.44	Amendment Number Twelve to the Master Repurchase Agreement, dated as of July 25, 2013, by and among Citibank, N.A. and PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on July 31, 2013).
10.45	Amendment Number Thirteen to the Master Repurchase Agreement, dated as of September 26, 2013, by and among Citibank, N.A. and PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.48 of the Company's Annual Report on Form 10-K for the year ended December 31, 2013).
10.46	Amendment Number Fourteen to the Master Repurchase Agreement, dated as of February 5, 2014, by and among Citibank, N.A. and PennyMac Corp., PennyMac Holdings, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.11 of the Company's Current Report on Form 8-K filed on February 6, 2014).
10.47	Amendment Number Fifteen to the Master Repurchase Agreement, dated as of May 13, 2014, by and among Citibank, N.A. and PennyMac Corp., PennyMac Holdings, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.50 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2014).
10.48	Amendment Number Sixteen to the Master Repurchase Agreement, dated as of July 24, 2014, by and among Citibank, N.A. and PennyMac Corp., PennyMac Holdings, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.42 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2014).
10.49	Amendment Number Seventeen to the Master Repurchase Agreement, dated as of August 7, 2014, by and among Citibank, N.A. and PennyMac Corp., PennyMac Holdings, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.43 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2014).

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

- 10.50 Amendment Number Eighteen to the Master Repurchase Agreement, dated as of September 8, 2014, by and among Citibank, N.A. and PennyMac Corp., PennyMac Holdings, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.44 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2014).
- 10.51 Amendment Number Nineteen to the Master Repurchase Agreement, dated as of July 6, 2015, by and among Citibank, N.A. and PennyMac Corp., PennyMac Holdings, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.44 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2015).
- 10.52 Amendment Number Twenty to the Master Repurchase Agreement, dated as of September 7, 2015, by and among Citibank, N.A. and PennyMac Corp., PennyMac Holdings, LLC and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.47 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2015).
- 10.53 Amendment Number Twenty-One to Master Repurchase Agreement, dated as of October 22, 2015, among PennyMac Corp., PennyMac Holdings, LLC and PennyMac Loan Services, LLC and Citibank, N.A. (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed on October 28, 2015).
- 10.54 Amendment Number Twenty-Two to Master Repurchase Agreement, dated as of December 2, 2015, among PennyMac Corp., PennyMac Holdings, LLC and PennyMac Loan Services, LLC and Citibank, N.A. (incorporated by reference to Exhibit 10.52 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).

Table of Contents

Exhibit

Number	Exhibit Description
10.55	Guaranty Agreement, dated as of December 9, 2010, by PennyMac Mortgage Investment Trust in favor of Citibank, N.A. (incorporated by reference to Exhibit 1.2 of the Company's Current Report on Form 8-K filed on December 15, 2010).
10.56	Amended and Restated Master Repurchase Agreement, dated as of August 25, 2011, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.28 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2011).
10.57	Amendment No. 1 to Amended and Restated Master Repurchase Agreement, dated as of June 6, 2012, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.38 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2012).
10.58	Amendment No. 2 to Amended and Restated Master Repurchase Agreement, dated as of March 28, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.50 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2013).
10.59	Amendment No. 3 to Amended and Restated Master Repurchase Agreement, dated as of May 8, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.51 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2013).
10.60	Amendment No. 4 to Amended and Restated Master Repurchase Agreement, dated as of October 1, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Mortgage Investment Trust Holdings I, LLC and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.54 of the Company's Annual Report on Form 10-K for the year ended December 31, 2013).
10.61	Amendment No. 5 to Amended and Restated Master Repurchase Agreement, dated as of December 27, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Holdings, LLC and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.3 of the Company's Current Report on Form 8-K filed on January 3, 2014).
10.62	Amendment No. 6 to Amended and Restated Master Repurchase Agreement, dated as of December 31, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Holdings, LLC and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.56 of the Company's Annual Report on Form 10-K for the year ended December 31, 2013).
10.63	Amendment No. 7 to Amended and Restated Master Repurchase Agreement, dated as of February 21, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Holdings, LLC and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.53 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2014).
10.64	Amendment No. 8 to Amended and Restated Master Repurchase Agreement, dated as of October 31, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Holdings, LLC and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.54 of the

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2014).

- 10.65 Amendment No. 9 to Amended and Restated Master Repurchase Agreement, dated as of October 30, 2015, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Holdings, LLC and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.59 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2015).
- 10.66 Amendment No. 10 to Amended and Restated Master Repurchase Agreement, dated as of December 15, 2015, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Holdings, LLC and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.64 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.67 Amendment No. 11 to Amended and Restated Master Repurchase Agreement, dated as of January 28, 2016, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Corp., PennyMac Holdings, LLC and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.65 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).

Table of Contents**Exhibit**

Number	Exhibit Description
10.68	Amended and Restated Master Repurchase Agreement, dated as of March 31, 2016, by and among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Holdings, LLC, PennyMac Corp., PennyMac Operating Partnership, L.P., PMC REO Financing Trust and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed on April 6, 2016).
10.69	Amendment and Restated Guaranty, dated as of March 31, 2016, by PennyMac Mortgage Investment Trust, PennyMac Operating Partnership, L.P. and Credit Suisse First Boston Mortgage Capital, LLC (incorporated by reference to Exhibit 10.2 of the Company's Current Report on Form 8-K filed on April 6, 2016).
10.70	Amended and Restated Master Repurchase Agreement, dated as of March 31, 2016, by and among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.3 of the Company's Current Report on Form 8-K filed on April 6, 2016).
10.71	Master Repurchase Agreement, dated as of November 7, 2011, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on November 14, 2011).
10.72	Amendment No. 1 to Master Repurchase Agreement, dated as of August 17, 2012, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.45 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2012).
10.73	Amendment No. 2 to Master Repurchase Agreement, dated as of January 3, 2013, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on January 7, 2013).
10.74	Amendment No. 3 to Master Repurchase Agreement, dated as of March 28, 2013, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on April 3, 2013).
10.75	Amendment No. 4 to Master Repurchase Agreement, dated as of January 31, 2014, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed on February 6, 2014).
10.76	Amendment No. 5 to Master Repurchase Agreement, dated as of March 27, 2014, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.64 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2014).
10.77	Amendment No. 6 to Master Repurchase Agreement, dated as of July 9, 2014, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.3 of the Company's Current Report on Form 8-K filed on

July 14, 2014).

- 10.78 Master Repurchase Agreement, dated as of March 29, 2012, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Mortgage Investment Trust Holdings I, LLC, PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on April 4, 2012).
- 10.79 Amendment No. 1 to Master Repurchase Agreement, dated as of July 25, 2012, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Mortgage Investment Trust Holdings I, LLC, PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 1.2 of the Company's Current Report on Form 8-K filed on July 31, 2012).
- 10.80 Amendment No. 2 to Master Repurchase Agreement, dated as of September 26, 2012, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Mortgage Investment Trust Holdings I, LLC, PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 1.2 of the Company's Current Report on Form 8-K filed on October 1, 2012).
- 10.81 Amendment No. 3 to Master Repurchase Agreement, dated as of October 29, 2012, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Mortgage Investment Trust Holdings I, LLC, PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 1.2 of the Company's Current Report on Form 8-K filed on October 31, 2012).
- 10.82 Amendment No. 4 to Master Repurchase Agreement, dated as of June 1, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Mortgage Investment Trust Holdings I, LLC, PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.2 of the Company's Current Report on Form 8-K filed on June 5, 2013).

Table of Contents

- 10.83 Amendment No. 5 to Master Repurchase Agreement, dated as of August 29, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Mortgage Investment Trust Holdings I, LLC, PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.2 of the Company's Current Report on Form 8-K filed on September 5, 2013).
- 10.84 Amendment No. 6 to Master Repurchase Agreement, dated as of September 27, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Mortgage Investment Trust Holdings I, LLC, PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.75 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2013).
- 10.85 Amendment No. 7 to Master Repurchase Agreement, dated as of October 1, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Mortgage Investment Trust Holdings I, LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.69 of the Company's Annual Report on Form 10-K for the year ended December 31, 2013).
- 10.86 Amendment No. 8 to Master Repurchase Agreement, dated as of December 27, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Holdings, LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.2 of the Company's Current Report on Form 8-K filed on January 3, 2014).
- 10.87 Amendment No. 9 to Master Repurchase Agreement, dated as of December 31, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Holdings, LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.71 of the Company's Annual Report on Form 10-K for the year ended December 31, 2013).
- 10.88 Amendment No. 10 to Master Repurchase Agreement, dated as of January 10, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Holdings, LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.76 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2014).
- 10.89 Amendment No. 11 to Master Repurchase Agreement, dated as of February 21, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Holdings, LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.4 of the Company's Current Report on Form 8-K filed on February 24, 2014).
- 10.90 Amendment No. 12 to Master Repurchase Agreement, dated as of May 22, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Holdings, LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.79 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2014).
- 10.91 Amendment No. 13 to Master Repurchase Agreement, dated as of October 31, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Holdings, LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.76 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2014).
- 10.92 Amendment No. 14 to Master Repurchase Agreement, dated as of December 23, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Holdings, LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed on December 24, 2014).
- 10.93 Amendment No. 15 to Master Repurchase Agreement, dated as of October 30, 2015, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Holdings, LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.82 of the Company's

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Quarterly Report on Form 10-Q for the quarter ended September 30, 2015).

- 10.94 Amendment No. 16 to Master Repurchase Agreement, dated as of December 15, 2015, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Holdings, LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.89 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.95 Amendment No. 17 to Master Repurchase Agreement, dated as of January 28, 2016, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Holdings, LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.90 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.96 Guaranty, dated as of March 29, 2012, by PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. in favor of Credit Suisse First Boston Mortgage Capital LLC (incorporated by reference to Exhibit 1.2 of the Company's Current Report on Form 8-K filed on March 29, 2012).

Table of Contents

- 10.97 Master Repurchase Agreement, dated as of May 24, 2012, among Citibank, N.A., PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on May 30, 2012).
- 10.98 Amendment Number One to the Master Repurchase Agreement, dated as of October 15, 2012, among Citibank, N.A., PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on October 16, 2012).
- 10.99 Amendment Number Two to the Master Repurchase Agreement, dated as of November 13, 2012, among Citibank, N.A., PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.62 of the Company's Annual Report on Form 10-K for the year ended December 31, 2012).
- 10.100 Amendment Number Three to the Master Repurchase Agreement, dated as of December 31, 2012, among Citibank, N.A., PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.72 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2013).
- 10.101 Amendment Number Four to the Master Repurchase Agreement, dated as of May 23, 2013, among Citibank, N.A., PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.77 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2013).
- 10.102 Amendment Number Five to the Master Repurchase Agreement, dated as of June 25, 2013, among Citibank, N.A., PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.78 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2013).
- 10.103 Amendment Number Six to the Master Repurchase Agreement, dated as of July 25, 2013, among Citibank, N.A., PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 1.2 of the Company's Current Report on Form 8-K filed on July 31, 2013).
- 10.104 Amendment Number Seven to the Master Repurchase Agreement, dated as of February 5, 2014, among Citibank, N.A., PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.12 of the Company's Current Report on Form 8-K filed on February 6, 2014).
- 10.105 Amendment Number Eight to the Master Repurchase Agreement, dated as of July 24, 2014, among Citibank, N.A., PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.86 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2014).
- 10.106 Amendment Number Nine to the Master Repurchase Agreement, dated as of August 7, 2014, among Citibank, N.A., PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.87 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2014).
- 10.107 Amendment Number Ten to the Master Repurchase Agreement, dated as of September 8, 2014, among Citibank, N.A., PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.88 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2014).
- 10.108 Amendment Number Eleven to the Master Repurchase Agreement, dated as of July 6, 2015, among Citibank, N.A., PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.89 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2015).
- 10.109 Amendment Number Twelve to the Master Repurchase Agreement, dated as of September 7, 2015, among Citibank, N.A., PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.96 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2015).
- 10.110 Amendment Number Thirteen to Master Repurchase Agreement, dated as of October 22, 2015, among PennyMac Corp., PennyMac Loan Services, LLC and Citibank, N.A. (incorporated by reference to Exhibit

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

10.2 of the Company's Current Report on Form 8-K filed on October 28, 2015).

- 10.111 Amendment Number Fourteen to Master Repurchase Agreement, dated as of December 2, 2015, among PennyMac Corp., PennyMac Loan Services, LLC and Citibank, N.A. (incorporated by reference to Exhibit 10.106 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.112 Guaranty, dated as of May 24, 2012, by PennyMac Mortgage Investment Trust in favor of Citibank, N.A. (incorporated by reference to Exhibit 1.2 of the Company's Current Report on Form 8-K filed on May 30, 2012).
- 10.113 Master Repurchase Agreement, dated as of September 28, 2012, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on October 3, 2012).

Table of Contents

- 10.114 Amendment No. 1 to Master Repurchase Agreement, dated as of May 8, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.80 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2013).
- 10.115 Amendment No. 2 to Master Repurchase Agreement, dated as of December 31, 2013, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.90 of the Company's Annual Report on Form 10-K for the year ended December 31, 2013).
- 10.116 Amendment No. 3 to Master Repurchase Agreement, dated as of January 10, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.98 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2014).
- 10.117 Amendment No. 4 to Master Repurchase Agreement, dated as of October 31, 2014, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.97 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2014).
- 10.118 Amendment No. 5 to Master Repurchase Agreement, dated as of April 14, 2015, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.96 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2015).
- 10.119 Amendment No. 6 to Master Repurchase Agreement, dated as of October 30, 2015, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.105 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2015).
- 10.120 Amendment No. 7 to Master Repurchase Agreement, dated as of December 15, 2015, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.115 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.121 Amendment No. 8 to Master Repurchase Agreement, dated as of January 28, 2016, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.116 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.122 Guaranty, dated as of September 28, 2012, by PennyMac Mortgage Investment Trust in favor of Credit Suisse First Boston Mortgage Capital LLC (incorporated by reference to Exhibit 1.2 of the Company's Current Report on Form 8-K filed on October 3, 2012).
- 10.123 Master Repurchase Agreement, dated as of November 20, 2012, among PennyMac Corp., Morgan Stanley Bank, N.A. and Morgan Stanley Mortgage Capital Holdings LLC (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on November 26, 2012).
- 10.124 Amendment Number One to the Master Repurchase Agreement, dated as of August 20, 2013, among PennyMac Corp., Morgan Stanley Bank, N.A. and Morgan Stanley Mortgage Capital Holdings LLC (incorporated by reference to Exhibit 10.96 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2013).

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

- 10.125 Amendment Number Two to the Master Repurchase Agreement, dated as of August 26, 2013, among PennyMac Corp., Morgan Stanley Bank, N.A. and Morgan Stanley Mortgage Capital Holdings LLC (incorporated by reference to Exhibit 10.97 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2013).
- 10.126 Amendment Number Three to the Master Repurchase Agreement, dated as of November 14, 2013, among PennyMac Corp., Morgan Stanley Bank, N.A. and Morgan Stanley Mortgage Capital Holdings LLC (incorporated by reference to Exhibit 10.95 of the Company's Annual Report on Form 10-K for the year ended December 31, 2013).
- 10.127 Amendment Number Four to the Master Repurchase Agreement, dated as of December 19, 2013, among PennyMac Corp., Morgan Stanley Bank, N.A. and Morgan Stanley Mortgage Capital Holdings LLC (incorporated by reference to Exhibit 10.96 of the Company's Annual Report on Form 10-K for the year ended December 31, 2013).
- 10.128 Amendment Number Five to the Master Repurchase Agreement, dated as of December 18, 2014, among PennyMac Corp., Morgan Stanley Bank, N.A. and Morgan Stanley Mortgage Capital Holdings LLC (incorporated by reference to Exhibit 10.101 of the Company's Annual Report on Form 10-K for the year ended December 31, 2014).
- 10.129 Amendment Number Six to the Master Repurchase Agreement, dated as of July 27, 2015, among PennyMac Corp., Morgan Stanley Bank, N.A. and Morgan Stanley Mortgage Capital Holdings LLC (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed on July 30, 2015).

Table of Contents

- 10.130 Amendment Number Seven to the Master Repurchase Agreement, dated as of December 17, 2015, among PennyMac Corp., Morgan Stanley Bank, N.A. and Morgan Stanley Mortgage Capital Holdings LLC (incorporated by reference to Exhibit 10.125 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.131 Guaranty, dated as of November 20, 2012, by PennyMac Mortgage Investment Trust in favor of Morgan Stanley Bank, N.A. and Morgan Stanley Mortgage Capital Holdings LLC (incorporated by reference to Exhibit 1.2 of the Company's Current Report on Form 8-K filed on November 26, 2012).
- 10.132 Mortgage Banking and Warehouse Services Agreement, dated as of February 1, 2013, by and between PennyMac Loan Services, LLC and PennyMac Corp. (incorporated by reference to Exhibit 1.3 of the Company's Current Report on Form 8-K filed on February 7, 2013).
- 10.133 Amendment No. 1 to Mortgage Banking and Warehouse Services Agreement, dated as of March 1, 2013, by and between PennyMac Loan Services, LLC and PennyMac Corp. (incorporated by reference to Exhibit 10.85 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2013).
- 10.134 Amendment No. 2 to Mortgage Banking and Warehouse Services Agreement, dated as of August 14, 2013, by and between PennyMac Loan Services, LLC and PennyMac Corp. (incorporated by reference to Exhibit 1.1 of the Company's Current Report on Form 8-K filed on August 19, 2013).
- 10.135 Amendment No. 3 to Mortgage Banking and Warehouse Services Agreement, dated as of December 15, 2015, by and between PennyMac Loan Services, LLC and PennyMac Corp. (incorporated by reference to Exhibit 10.2 of the Company's Current Report on Form 8-K filed on December 18, 2015).
- 10.136 MSR Recapture Agreement, dated as of February 1, 2013, by and between PennyMac Loan Services, LLC and PennyMac Corp. (incorporated by reference to Exhibit 1.4 of the Company's Current Report on Form 8-K filed on February 7, 2013).
- 10.137 Amendment No. 1 to MSR Recapture Agreement, dated as of August 1, 2013, by and between PennyMac Loan Services, LLC and PennyMac Corp. (incorporated by reference to Exhibit 10.103 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2013).
- 10.138 Master Spread Acquisition and MSR Servicing Agreement, dated as of February 1, 2013, by and between PennyMac Loan Services, LLC and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 1.5 of the Company's Current Report on Form 8-K filed on February 7, 2013).
- 10.139 Amendment No. 1 to Master Spread Acquisition and MSR Servicing Agreement, dated as of September 30, 2013, by and between PennyMac Loan Services, LLC and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.105 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2013).
- 10.140 Amendment No. 2 to Master Spread Acquisition and MSR Servicing Agreement, dated as of November 14, 2013, by and between PennyMac Loan Services, LLC and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.105 of the Company's Annual Report on Form 10-K for the year ended December 31, 2013).
- 10.141 Amendment No. 3 to Master Spread Acquisition and MSR Servicing Agreement, dated as of March 19, 2014, by and between PennyMac Loan Services, LLC and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.114 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2014).
- 10.142 Amendment No. 4 to Master Spread Acquisition and MSR Servicing Agreement, dated as of March 3, 2015, by and between PennyMac Loan Services, LLC, PennyMac Operating Partnership, L.P., and

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.114 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2015).

- 10.143 Master Spread Acquisition and MSR Servicing Agreement, dated as of December 30, 2013, by and between PennyMac Loan Services, LLC and PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.4 of the Company's Current Report on Form 8-K filed on January 3, 2014).
- 10.144 Amendment No. 1 to Master Spread Acquisition and MSR Servicing Agreement, dated as of June 1, 2014, by and between PennyMac Loan Services, LLC and PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.114 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2014).
- 10.145 Amendment No. 2 to Master Spread Acquisition and MSR Servicing Agreement, dated as of March 3, 2015, by and between PennyMac Loan Services, LLC and PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.117 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2015).

Table of Contents

- 10.146 Amended and Restated Master Spread Acquisition and MSR Servicing Agreement, dated as of April 30, 2015, between PennyMac Loan Services, LLC and PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed on May 6, 2015).
- 10.147 Amendment No. 1 to Amended and Restated Master Spread Acquisition and MSR Servicing Agreement, dated as of August 26, 2015, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Loan Services, LLC and PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.129 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2015).
- 10.148 Amendment No. 2 to Amended and Restated Master Spread Acquisition and MSR Servicing Agreement, dated as of November 10, 2015, among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Loan Services, LLC and PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.143 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.149 Amended and Restated Security and Subordination Agreement, dated as of April 30, 2015, between PennyMac Holdings, LLC and Credit Suisse First Boston Mortgage Capital LLC (incorporated by reference to Exhibit 10.4 of the Company's Current Report on Form 8-K filed on May 6, 2015).
- 10.150 Second Amended and Restated Security and Subordination Agreement, dated as of November 10, 2015, between PennyMac Holdings, LLC and Credit Suisse First Boston Mortgage Capital LLC (incorporated by reference to Exhibit 10.145 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.151 Master Spread Acquisition and MSR Servicing Agreement, dated as of December 19, 2014, by and between PennyMac Loan Services, LLC, PennyMac Holdings, LLC and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed on December 24, 2014).
- 10.152 Amendment No. 1. to Master Spread Acquisition and MSR Servicing Agreement, dated as of March 3, 2015, by and between PennyMac Loan Services, LLC, PennyMac Operating Partnership, L.P., and PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.122 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2015).
- 10.153 Mortgage Loan Participation Purchase and Sale Agreement, dated as of December 23, 2011, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.2 of the Company's Current Report on Form 8-K filed on February 6, 2014).
- 10.154 Amendment No. 1 to Mortgage Loan Participation Purchase and Sale Agreement, dated as of August 17, 2012, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.3 of the Company's Current Report on Form 8-K filed on February 6, 2014).
- 10.155 Amendment No. 2 to Mortgage Loan Participation Purchase and Sale Agreement, dated as of October 29, 2012, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.4 of the Company's Current Report on Form 8-K filed on February 6, 2014).
- 10.156 Amendment No. 3 to Mortgage Loan Participation Purchase and Sale Agreement, dated as of December 5, 2012, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.5 of the Company's Current Report on Form 8-K filed on February 6, 2014).

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

- 10.157 Amendment No. 4 to Mortgage Loan Participation Purchase and Sale Agreement, dated as of January 3, 2013, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.6 of the Company's Current Report on Form 8-K filed on February 6, 2014).
- 10.158 Amendment No. 5 to Mortgage Loan Participation Purchase and Sale Agreement, dated as of March 28, 2013, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.7 of the Company's Current Report on Form 8-K filed on February 6, 2014).

Table of Contents

- 10.159 Amendment No. 6 to Mortgage Loan Participation Purchase and Sale Agreement, dated as of January 2, 2014, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.8 of the Company's Current Report on Form 8-K filed on February 6, 2014).
- 10.160 Amendment No. 7 to Mortgage Loan Participation Purchase and Sale Agreement, dated as of January 31, 2014, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.9 of the Company's Current Report on Form 8-K filed on February 6, 2014).
- 10.161 Amendment No. 8 to Mortgage Loan Participation Purchase and Sale Agreement, dated as of March 27, 2014, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.130 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2014).
- 10.162 Amendment No. 9 to Mortgage Loan Participation Purchase and Sale Agreement, dated as of January 30, 2015, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.130 of the Company's Annual Report on Form 10-K for the year ended December 31, 2014).
- 10.163 Amendment No. 10 to Mortgage Loan Participation Purchase and Sale Agreement, dated as of December 22, 2015, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. (incorporated by reference to Exhibit 10.159 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.164 Amendment No. 11 to Mortgage Loan Participation Purchase and Sale Agreement, dated as of March 29, 2016, among Bank of America, N.A., PennyMac Corp., PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P.
- 10.165 Guaranty, dated as of December 23, 2011, by PennyMac Mortgage Investment Trust and PennyMac Operating Partnership, L.P. in favor of Bank of America, N.A. (incorporated by reference to Exhibit 10.10 of the Company's Current Report on Form 8-K filed on February 6, 2014).
- 10.166 Master Repurchase Agreement, dated as of July 9, 2014, among Bank of America, N.A., PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed on July 14, 2014).
- 10.167 Amendment No. 1 to Master Repurchase Agreement, dated as of January 30, 2015, among Bank of America, N.A., PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.133 of the Company's Annual Report on Form 10-K for the year ended December 31, 2014).
- 10.168 Amendment No. 2 to Master Repurchase Agreement, dated as of March 29, 2016, among Bank of America, N.A., PennyMac Operating Partnership, L.P. and PennyMac Mortgage Investment Trust.
- 10.169 Guaranty, dated as of July 9, 2014, by PennyMac Mortgage Investment Trust in favor of Bank of America, N.A. (incorporated by reference to Exhibit 10.2 of the Company's Current Report on Form 8-K filed on July 14, 2014).
- 10.170 Master Repurchase Agreement, dated as of January 27, 2015, among JPMorgan Chase Bank, National Association, PennyMac Corp., PennyMac Operating Partnership, L.P., PennyMac Holdings, LLC, PMC REO Trust 2015-1, TRS REO Trust 1-A, and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed on February 2, 2015).

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

- 10.171 Amendment No. 1 to Master Repurchase Agreement, dated as of March 27, 2015, among JPMorgan Chase Bank, National Association, PennyMac Corp., PennyMac Operating Partnership, L.P., PennyMac Holdings, LLC, PMC REO Trust 2015-1, TRS REO Trust 1-A, and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.143 of the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2015).
- 10.172 Guaranty, dated as of January 27, 2015, by PennyMac Mortgage Investment Trust in favor of JPMorgan Chase Bank, National Association (incorporated by reference to Exhibit 10.2 of the Company's Current Report on Form 8-K filed on February 2, 2015).
- 10.173 Loan and Security Agreement, dated as of March 31, 2015, between PennyMac Corp. and Citibank, N.A. (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K as filed with the SEC on April 3, 2015).
- 10.174 Amendment Number One to the Loan and Security Agreement, dated as of May 13, 2015, between PennyMac Corp. and Citibank, N.A. (incorporated by reference to Exhibit 10.145 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2015).

Table of Contents

- 10.175 Amendment Number Two to the Loan and Security Agreement, dated as of July 6, 2015, between PennyMac Corp. and Citibank, N.A. (incorporated by reference to Exhibit 10.146 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2015).
- 10.176 Guaranty, dated as of March 31, 2015, by PennyMac Mortgage Investment Trust in favor of Citibank, N.A. (incorporated by reference to Exhibit 10.2 of the Company's Current Report on Form 8-K as filed with the SEC on April 3, 2015).
- 10.177 Loan and Security Agreement, dated as of April 30, 2015, by and between PennyMac Loan Services, LLC and PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.2 of the Company's Current Report on Form 8-K as filed with the SEC on May 6, 2015).
- 10.178 Amendment No. 1 to Loan and Security Agreement, dated as of October 30, 2015, by and between PennyMac Loan Services, LLC and PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.159 of the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2015).
- 10.179 Amendment No. 2 to Loan and Security Agreement, dated as of November 10, 2015, by and among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Loan Services, LLC and PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.173 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.180 Amendment No. 3 to Loan and Security Agreement, dated as of December 15, 2015, by and among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Loan Services, LLC and PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.174 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.181 Amendment No. 4 to Loan and Security Agreement, dated as of January 28, 2016, by and among Credit Suisse First Boston Mortgage Capital LLC, PennyMac Loan Services, LLC and PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.175 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.182 Guaranty, dated as of April 30, 2015, by PennyMac Mortgage Investment Trust in favor of Credit Suisse First Boston Mortgage Capital LLC (incorporated by reference to Exhibit 10.3 of the Company's Current Report on Form 8-K filed on May 6, 2015).
- 10.183 Amended and Restated Guaranty, dated as of November 10, 2015, by PennyMac Mortgage Investment Trust in favor of Credit Suisse First Boston Mortgage Capital LLC (incorporated by reference to Exhibit 10.177 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.184 Advances, Pledge and Security Agreement, dated as of June 16, 2014, between PMT Insurance, LLC and the Federal Home Loan Bank of Des Moines (incorporated by reference to Exhibit 10.150 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2015).
- 10.185 Affiliate Collateral Pledge and Security Agreement, dated as of May 26, 2015, by and among PennyMac Securities Holding, LLC, PMT Insurance, LLC, and the Federal Home Loan Bank of Des Moines (incorporated by reference to Exhibit 10.151 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2015).
- 10.186 Affiliate Collateral Pledge and Security Agreement, dated as of May 26, 2015, by and among PennyMac Corp., PMT Insurance, LLC, and the Federal Home Loan Bank of Des Moines (incorporated by reference to Exhibit 10.152 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2015).
- 10.187 Affiliate Collateral Pledge and Security Agreement, dated as of May 26, 2015, by and among PennyMac Holdings, LLC, PMT Insurance, LLC, and the Federal Home Loan Bank of Des Moines (incorporated by

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

reference to Exhibit 10.153 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2015).

- 10.188 Guaranty, dated as of April 9, 2015, by PennyMac Mortgage Investment Trust in favor of Federal Home Loan Bank of Des Moines (incorporated by reference to Exhibit 10.154 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2015).
- 10.189 Mortgage Loan Purchase Agreement, dated as of September 25, 2012, by and between PennyMac Loan Services, LLC and PennyMac Corp. (incorporated by reference to Exhibit 10.183 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
- 10.190 Flow Sale Agreement, dated as of June 16, 2015, by and between PennyMac Corp. and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.155 of the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2015).
- 10.191 Master Repurchase Agreement, dated as of September 14, 2015, among Barclays Bank PLC, PennyMac Corp., PennyMac Loan Services, LLC and PennyMac Mortgage Investment Trust (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed on September 18, 2015).

Table of Contents

10.192	Mortgage Loan Participation Purchase and Sale Agreement, dated as of September 14, 2015, among PennyMac Corp., PennyMac Loan Services, LLC and Barclays Bank PLC (incorporated by reference to Exhibit 10.2 of the Company's Current Report on Form 8-K filed on September 18, 2015).
10.193	Loan and Security Agreement, dated as of September 14, 2015, among PennyMac Corp., PennyMac Mortgage Investment Trust and Barclays Bank PLC (incorporated by reference to Exhibit 10.3 of the Company's Current Report on Form 8-K filed on September 18, 2015).
10.194	Amended and Restated Loan and Security Agreement, dated as of January 22, 2016, by and among PennyMac Corp., PennyMac Holdings, LLC, PennyMac Mortgage Investment Trust and Barclays Bank PLC (incorporated by reference to Exhibit 10.2 of the Company's Current Report on Form 8-K filed on January 28, 2016).
10.195	Master Spread Acquisition and MSR Servicing Agreement, dated as of January 22, 2016, by and between PennyMac Corp. and PennyMac Holdings, LLC (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K filed on January 28, 2016).
10.196	Flow Commercial Mortgage Loan Purchase Agreement, dated as of December 1, 2015, by and between PennyMac Loan Services, LLC and PennyMac Corp. (incorporated by reference to Exhibit 10.190 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
10.197	Servicing Agreement, dated as of July 13, 2015, between PennyMac Corp., PennyMac Holdings, LLC, any other parties signing this Agreement as an owner of Mortgage Loans as listed in Schedule I and any New Owners, PennyMac Loan Services, LLC, and Midland Loan Services, a division of PNC Bank, National Association (incorporated by reference to Exhibit 10.191 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
10.198	Commercial Mortgage Servicing Oversight Agreement, dated as of December 15, 2015, among PennyMac Corp., PennyMac Holdings, LLC, and PennyMac Loan Services, LLC (incorporated by reference to Exhibit 10.192 of the Company's Annual Report on Form 10-K for the year ended December 31, 2015).
31.1	Certification of Stanford L. Kurland pursuant to Rule 13a-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2	Certification of Anne D. McCallion pursuant to Rule 13a-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32.1**	Certification of Stanford L. Kurland 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.
32.2**	Certification of Anne D. McCallion 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.
101	Interactive data files pursuant to Rule 405 of Regulation S-T: (i) the Consolidated Balance Sheets as of March 31, 2016 and 2015, (ii) the Consolidated Statements of Income for the quarters ended March 31, 2016 and 2015, (iii) the Consolidated Statements of Changes in Shareholders' Equity for the quarters ended March 31, 2016 and 2015, (iv) the Consolidated Statements of Cash Flows for the quarters ended March 31, 2016 and 2015, and (v) the Notes to the Consolidated Financial Statements.

** The certifications attached hereto as Exhibits 32.1 and 32.2 are furnished to the SEC pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 and shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be deemed incorporated by reference in any filing under the

Edgar Filing: PennyMac Mortgage Investment Trust - Form 10-Q

Securities Act of 1933, except as shall be expressly set forth by specific reference in such filing.
Indicates management contract or compensatory plan or arrangement.

Table of Contents

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.

PENNYMAC MORTGAGE INVESTMENT TRUST

(Registrant)

Dated: May 6, 2016

By: /s/ STANFORD L. KURLAND

Stanford L. Kurland
Chairman of the Board and Chief Executive Officer

Dated: May 6, 2016

By: /s/ ANNE D. MCCALLION

Anne D. McCallion
Chief Financial Officer