

E A R N

ELLINGTON RESIDENTIAL MORTGAGE REIT

**Third Quarter 2019
Earnings Conference Call
November 5, 2019**



Forward-Looking Statements

This presentation contains forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements involve numerous risks and uncertainties. Actual results may differ from the Company's beliefs, expectations, estimates, and projections and, consequently, you should not rely on these forward-looking statements as predictions of future events. Forward-looking statements are not historical in nature and can be identified by words such as "believe," "expect," "anticipate," "estimate," "project," "plan," "continue," "intend," "should," "would," "could," "goal," "objective," "will," "may," "seek," or similar expressions or their negative forms, or by references to strategy, plans, or intentions.

The Company's results can fluctuate from month to month and from quarter to quarter depending on a variety of factors, some of which are beyond the Company's control and/or are difficult to predict, including, without limitation, changes in interest rates and the market value of the Company's securities, changes in mortgage default rates and prepayment rates, the Company's ability to borrow to finance its assets, changes in government regulations affecting the Company's business, the Company's ability to maintain its exclusion from registration under the Investment Company Act of 1940 and other changes in market conditions and economic trends. Furthermore, forward-looking statements are subject to risks and uncertainties, including, among other things, those described under Item 1A of our Annual Report on Form 10-K filed on March 8, 2019 which can be accessed through the link to our SEC filings under "For Our Shareholders" on our website (www.earnreit.com) or at the SEC's website (www.sec.gov). Other risks, uncertainties, and factors that could cause actual results to differ materially from those projected may be described from time to time in reports we file with the SEC, including reports on Forms 10-Q, 10-K and 8-K. The Company undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise.

Modeling

Some statements in this presentation may be derived from proprietary models developed by Ellington Management Group, L.L.C. ("Ellington"). Some examples provided may be based upon the hypothetical performance of such models. Models, however, are inherently imperfect and subject to a number of risks, including that the underlying data used by the models is incorrect, inaccurate, or incomplete, or that the models rely upon assumptions that may prove to be incorrect. The utility of model-based information is highly limited. The information is designed to illustrate Ellington's current view and expectations and is based on a number of assumptions and limitations, including those specified herein. Certain models make use of discretionary settings or parameters which can have a material effect on the output of the model. Ellington exercises discretion as to which settings or parameters to use in different situations, including using different settings or parameters to model different securities. Actual results and events may differ materially from those described by such models.

Projected Yields and Spreads

Projected yields and spreads discussed herein are based upon Ellington models and rely on a number of assumptions, including as to prepayment, default and interest rates and changes in home prices. Such models are inherently imperfect and there is no assurance that any particular investment will perform as predicted by the models, or that any such investment will be profitable. Projected yields are presented for the purposes of (i) providing insight into the strategy's objectives, (ii) detailing anticipated risk and reward characteristics in order to facilitate comparisons with other investments, (iii) illustrating Ellington's current views and expectations, and (iv) aiding future evaluations of performance. They are not a guarantee of future performance. They are based upon assumptions regarding current and future events and conditions, which may not prove to be accurate. There can be no assurance that the projected yields will be achieved. Investments involve risk of loss.

Financial Information

All financial information included in this presentation is as of September 30, 2019 unless otherwise indicated. We undertake no duty or obligation to update this presentation to reflect subsequent events or developments.

Third Quarter Market Update

E A R N

ELLINGTON RESIDENTIAL MORTGAGE REIT

Quarter Ended:	9/30/2019	6/30/2019	Q/Q	3/31/2019	Q/Q	12/31/2018	Q/Q	9/30/2018	Q/Q	6/30/2018	Q/Q
<u>UST (%)⁽¹⁾</u>											
3M UST	1.81	2.09	-0.28	2.38	-0.29	2.35	+0.03	2.20	+0.16	1.91	+0.28
2Y UST	1.62	1.75	-0.13	2.26	-0.51	2.49	-0.23	2.82	-0.33	2.53	+0.29
5Y UST	1.54	1.77	-0.22	2.23	-0.47	2.51	-0.28	2.95	-0.44	2.74	+0.21
10Y UST	1.66	2.01	-0.34	2.41	-0.40	2.68	-0.28	3.06	-0.38	2.86	+0.20
30Y UST	2.11	2.53	-0.42	2.81	-0.29	3.01	-0.20	3.21	-0.19	2.99	+0.22
3M10Y Spread	-0.14	-0.08	-0.06	0.02	-0.11	0.33	-0.31	0.86	-0.54	0.95	-0.08
2Y10Y Spread	0.04	0.25	-0.21	0.15	+0.11	0.20	-0.05	0.24	-0.04	0.33	-0.09
<u>US Dollar Swaps (%)⁽¹⁾</u>											
2Y SWAP	1.63	1.81	-0.17	2.38	-0.58	2.66	-0.27	2.99	-0.33	2.79	+0.20
5Y SWAP	1.50	1.77	-0.26	2.29	-0.52	2.57	-0.28	3.07	-0.50	2.89	+0.18
10Y SWAP	1.56	1.96	-0.40	2.41	-0.44	2.71	-0.30	3.12	-0.41	2.93	+0.19
<u>LIBOR (%)⁽¹⁾</u>											
1M	2.02	2.40	-0.38	2.49	-0.10	2.50	-0.01	2.26	+0.24	2.09	+0.17
3M	2.09	2.32	-0.23	2.60	-0.28	2.81	-0.21	2.40	+0.41	2.34	+0.06
1M3M Spread	0.07	-0.08	+0.15	0.11	-0.18	0.30	-0.19	0.14	+0.16	0.25	-0.11
<u>Mortgage Rates (%)⁽²⁾</u>											
15Y	3.43	3.42	+0.01	3.78	-0.36	4.25	-0.47	4.39	-0.14	4.22	+0.17
30Y	3.64	3.73	-0.09	4.06	-0.33	4.55	-0.49	4.72	-0.17	4.55	+0.17
<u>FNMA Pass-Thrus⁽¹⁾</u>											
30Y 3.5	\$102.64	\$102.20	+0.44	\$101.39	+\$0.81	\$99.83	+\$1.56	\$98.39	+\$1.44	\$99.45	-\$1.06
30Y 4.0	\$103.80	\$103.33	+0.47	\$102.86	+\$0.47	\$101.83	+\$1.03	\$100.95	+\$0.88	\$101.92	-\$0.97
30Y 4.5	\$105.33	\$104.48	+0.84	\$104.17	+\$0.31	\$103.45	+\$0.72	\$103.14	+\$0.31	\$104.08	-\$0.94
<u>Libor-based OAS (bps)⁽³⁾</u>											
FNMA 30Y 3.5 OAS	53	41.2	+11.80	27.3	13.9	29.4	-2.1	22.0	7.4	21.5	0.5
FNMA 30Y 4.0 OAS	60.5	51.3	+9.20	31.1	20.2	30.4	0.7	28.2	2.2	26.9	1.3
FNMA 30Y 4.5 OAS	70.5	71.0	-0.50	46.9	24.1	50.1	-3.2	34.3	15.8	31.3	3.0
<u>Libor-based ZSpread (bps)⁽⁴⁾</u>											
FNMA 30Y 3.5 ZSpread	101.8	87.0	+14.80	76.4	10.6	74.1	2.3	58.3	15.8	62.7	-4.4
FNMA 30Y 4.0 ZSpread	97.6	88.1	+9.50	75.2	12.9	87.8	-12.6	73.1	14.7	75.8	-2.7
FNMA 30Y 4.5 ZSpread	97.1	99.0	-1.90	79.5	19.5	98.8	-19.3	81.0	17.8	78.1	2.9

Overall Results

- Net Income: \$3.7 million or \$0.30 per share
- Economic Return: 2.4% for the quarter (10.0% annualized)
- Net Interest Margin: 0.38%; Adjusted Net Interest Margin⁽¹⁾: 0.81%

Core Earnings⁽²⁾

- Core Earnings: \$0.9 million or \$0.07 per share
- Adjusted Core Earnings⁽¹⁾: \$2.4 million or \$0.19 per share

Shareholders' Equity & BVPS⁽³⁾

- Shareholders' equity: \$154.6 million
- Book value per share: \$12.42

Portfolio

- Agency RMBS Portfolio: \$1.39 billion⁽³⁾
 - Weighted average prepayment speed on fixed-rate specified pools increased to 14.5% CPR from 9.6% CPR last quarter
 - Portfolio turnover of 15%
 - Average pay-ups on specified pools increased to 1.86%⁽³⁾ from 1.56% last quarter
- Non-Agency RMBS Portfolio: \$9.2 million⁽³⁾

Leverage⁽³⁾

- Debt-to-equity ratio: 8.7:1
- Net mortgage assets-to-equity ratio of 7.7:1⁽⁴⁾

Dividend

- Declared third quarter dividend of \$0.28 per share (paid in October 2019)
- Annualized dividend yield of 10.3% based on closing price of \$10.83 on 11/1/2019

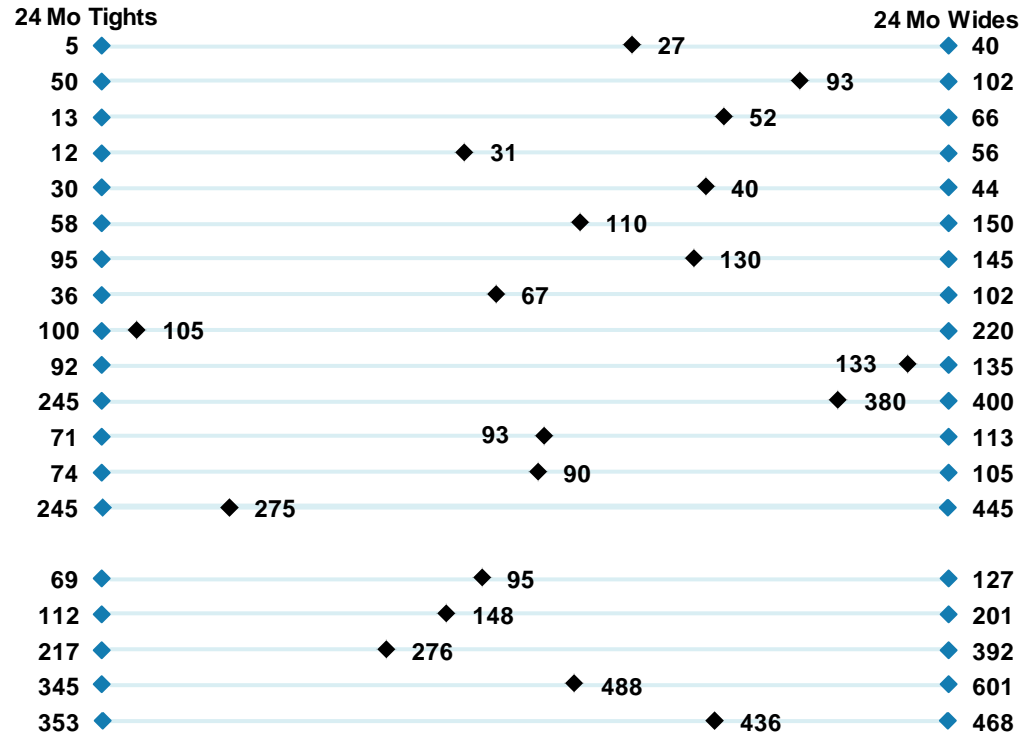
◆ As of September 30, 2019⁽¹⁾

Securitized Products

- US Agency MBS TOAS
- US Agency MBS TZV
- US Agency FN 4 OAS
- US Agency G2 4 OAS
- US Spec HLB 4
- Non-QM AAA
- Legacy Resi
- CRT OTR M1
- Subprime Auto BBB
- US CLO 2.0 AAA
- US CLO 2.0 BBB
- EUR CLO 2.0 AAA
- US CMBS AAA
- US CMBS BBB

US Corporate Credit

- US IG Corp A OAS
- US IG Corp BBB OAS
- US HY Corp BB STW
- US HY Corp B STW
- Lev Loans



Source: Morgan Stanley

- Yield spreads on agency RMBS, non-QM, legacy non-agency, US CLO, US CMBS AAA, Lev Loans and US HY Corp B STW widened during the quarter, while the following products tightened: Ginnie Mae 4s, CRT, subprime auto, European CLO, US CMBS BBB and the remaining US Corporate Credit instruments

3-month LIBOR vs. EARN Repo Funding



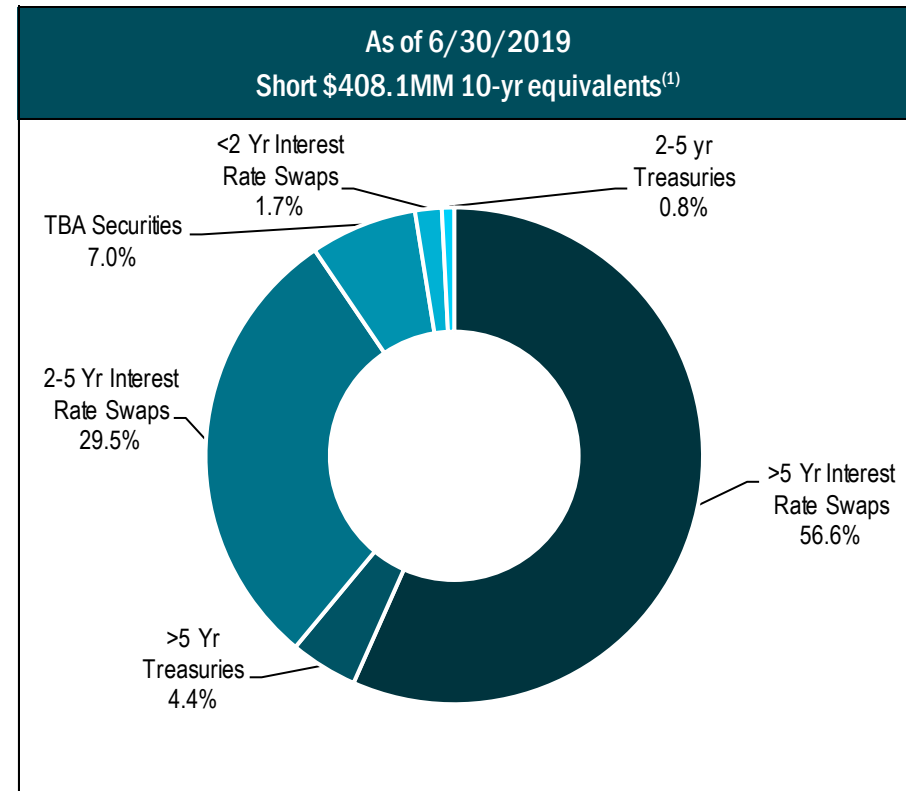
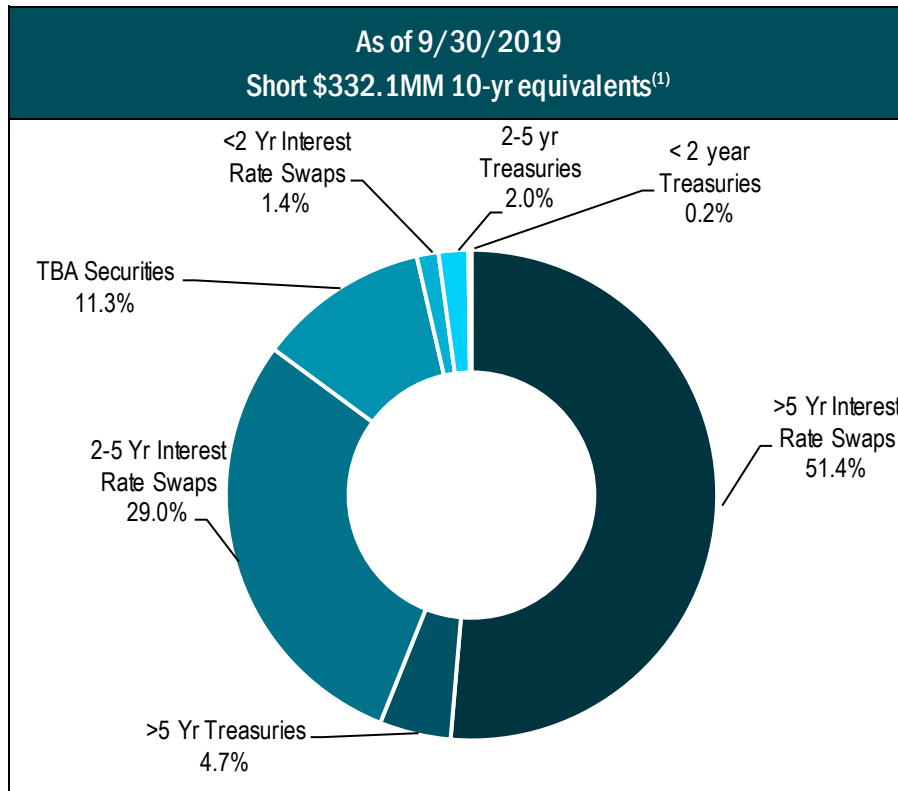
- The spread between our Agency repo funding rate and 3-month LIBOR fluctuated during the quarter, but remained negative throughout
- Because we receive 3-month LIBOR on our interest rate swaps, when 3-month LIBOR is lower than our repo funding costs, this increases our hedging costs and reduces our net interest margin

Summary of Financial Results

	Quarter Ended 9/30/2019		Quarter Ended 6/30/2019	
		Per Share ⁽¹⁾		Per Share ⁽¹⁾
<i>(\$ in thousands except per share amounts)</i>				
Interest Income	\$ 10,485		\$ 12,139	
Interest Expense	(8,820)		(9,662)	
Total Net Interest Income	\$ 1,665		\$ 2,477	
Total Other Gain (Loss) ⁽²⁾	\$ 532		\$ 662	
Total Expenses	\$ 1,345		\$ 1,300	
Core Earnings⁽³⁾	\$ 852	\$ 0.07	\$ 1,839	\$ 0.15
Less: Catch-up Premium Amortization Adjustment ⁽⁴⁾	(1,564)		(904)	
Adjusted Core Earnings⁽⁵⁾	\$ 2,416	\$ 0.19	\$ 2,743	\$ 0.22
Net Realized and Unrealized Gain (Loss):				
RMBS	\$ 11,175		\$ 16,539	
Interest Rate Hedges	(8,298)		(18,485)	
Total Net Realized and Unrealized Gain (Loss)	\$ 2,877		\$ (1,946)	
Net Income (Loss)	\$ 3,729	\$ 0.30	\$ (107)	\$ (0.01)
Adjusted Weighted Average Yield ⁽⁶⁾	3.21%		3.34%	
Cost of Funds	-2.40%		-2.56%	
Adjusted Net Interest Margin ⁽⁵⁾	0.81%		0.78%	
Shareholders' Equity	\$ 154,571	\$ 12.42	\$ 154,605	\$ 12.40

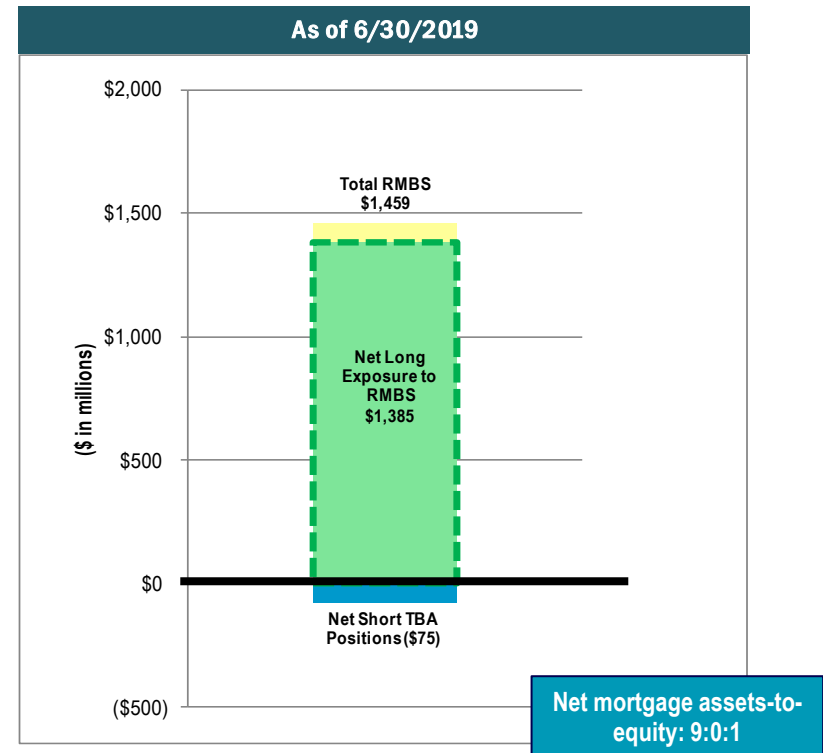
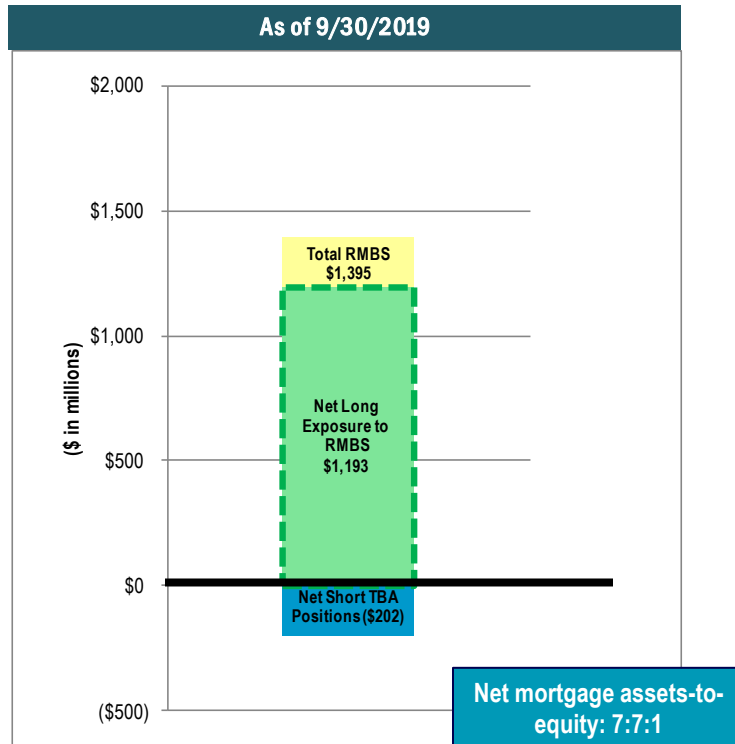
Portfolio Summary

(In thousands)	September 30, 2019					June 30, 2019				
	Current Principal	Fair Value	Average Price ⁽¹⁾	Cost	Average Cost ⁽¹⁾	Current Principal	Fair Value	Average Price ⁽¹⁾	Cost	Average Cost ⁽¹⁾
Agency RMBS⁽²⁾										
15-year fixed rate mortgages	\$ 153,142	\$ 160,012	\$ 104.49	\$ 155,913	\$ 101.81	\$ 159,586	\$ 165,605	\$ 103.77	\$ 162,516	\$ 101.84
20-year fixed rate mortgages	17,251	18,348	106.36	17,993	104.30	29,891	31,402	105.06	30,972	103.62
30-year fixed rate mortgages	996,703	1,058,919	106.24	1,044,699	104.82	1,049,509	1,106,247	105.41	1,098,108	104.63
ARMs	36,681	38,112	103.90	37,874	103.25	39,196	40,422	103.13	40,652	103.71
Reverse mortgages	89,444	98,436	110.05	96,524	107.92	86,722	94,690	109.19	93,831	108.20
Total Agency RMBS	1,293,221	1,373,827	106.23	1,353,003	104.62	1,364,904	1,438,366	105.38	1,426,079	104.48
Non-Agency RMBS	11,128	9,176	82.46	7,044	63.30	11,491	9,285	80.80	7,231	62.93
Total RMBS⁽²⁾	1,304,349	1,383,003	106.03	1,360,047	104.27	1,376,395	1,447,651	105.18	1,433,310	104.14
Agency Interest Only RMBS	n/a	11,565	n/a	12,144	n/a	n/a	11,801	n/a	12,244	n/a
Total mortgage-backed securities		1,394,568		1,372,191			1,459,452		1,445,554	
U.S. Treasury securities sold short	(37,410)	(37,835)	101.14	(37,618)	100.56	(33,360)	(34,522)	103.48	(33,725)	101.09
Reverse repurchase agreements	43,008	43,008	100.00	43,008	100.00	40,097	40,097	100.00	40,097	100.00
Total		\$1,399,741		\$1,377,581			\$1,465,027		\$1,451,926	



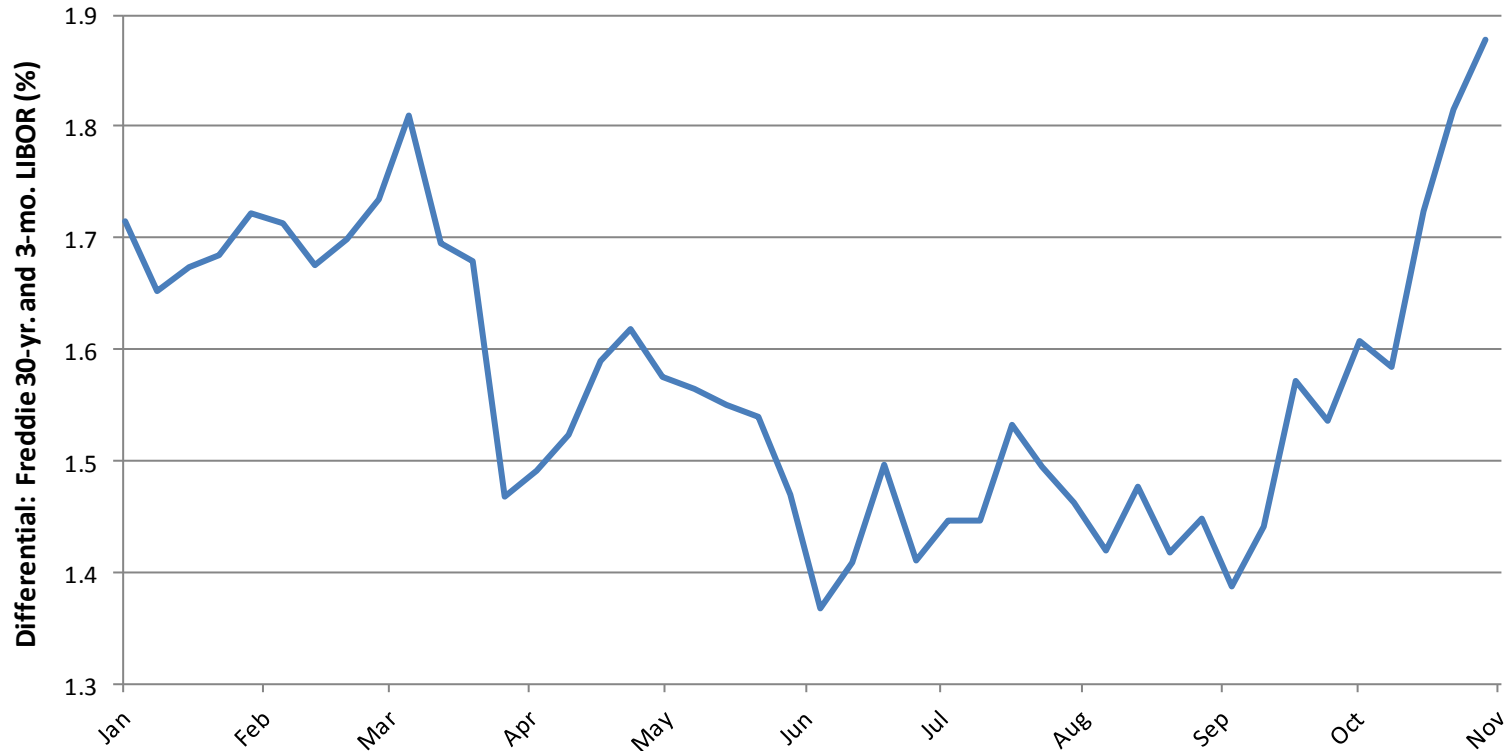
- We hedge along the entire yield curve to manage interest rate risk and protect book value
- Shorting “generic” pools (or TBAs) allows EARN to significantly reduce interest rate risk and basis risk in its Agency portfolio
- We also hedge interest rate risk with swaps, U.S. Treasury securities, futures, and swaptions
- We slightly increased the relative size of our TBA short position during the third quarter to 11.3%, as compared to 7.0% at the end of previous quarter, although the relative size of the net TBA short position remains considerably lower than it has been historically

Exposure to RMBS Based on Fair Value of TBA Portfolio⁽¹⁾



- EARN often carries significantly lower net effective mortgage exposure than our “headline” leverage would suggest
 - Our net mortgage assets-to-equity⁽²⁾ ratio was 7.7:1 versus our debt-to-equity ratio of 8.7:1 as of September 30, 2019
 - Our net mortgage assets-to-equity ratio declined quarter over quarter
- Use of TBA short positions as hedges:
 - Helps drive outperformance in especially volatile quarters
 - When interest rates spike, TBA short positions not only extend with specified pool assets, but they tend to extend more than specified pool assets, which dynamically and automatically hedges a correspondingly larger portion of our specified pool portfolio

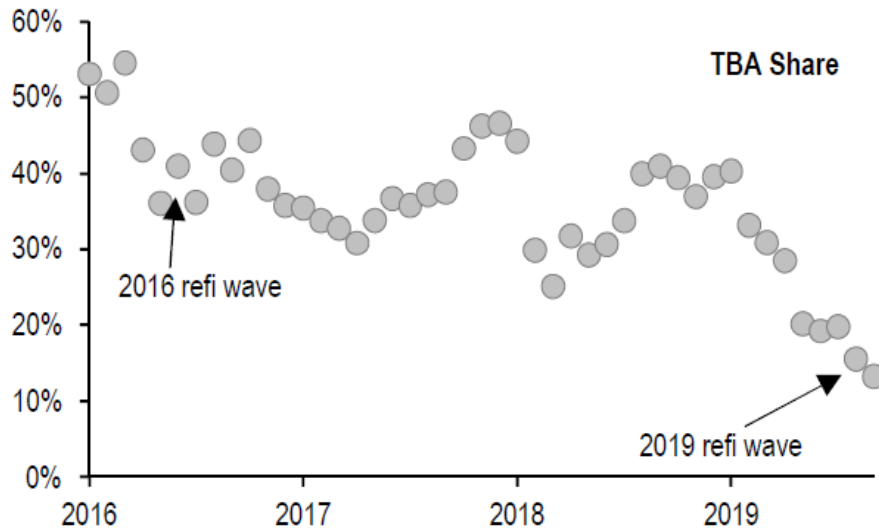
Freddie Mac 30-year Survey Rate vs. 3-month LIBOR, 2019



- The differential between the Freddie Mac 30-year US Mortgage Market Survey Rate and 3-month LIBOR has increased significantly since the end of August, which has meaningfully improved the outlook for expanding net interest margin and core earnings across the MREIT industry

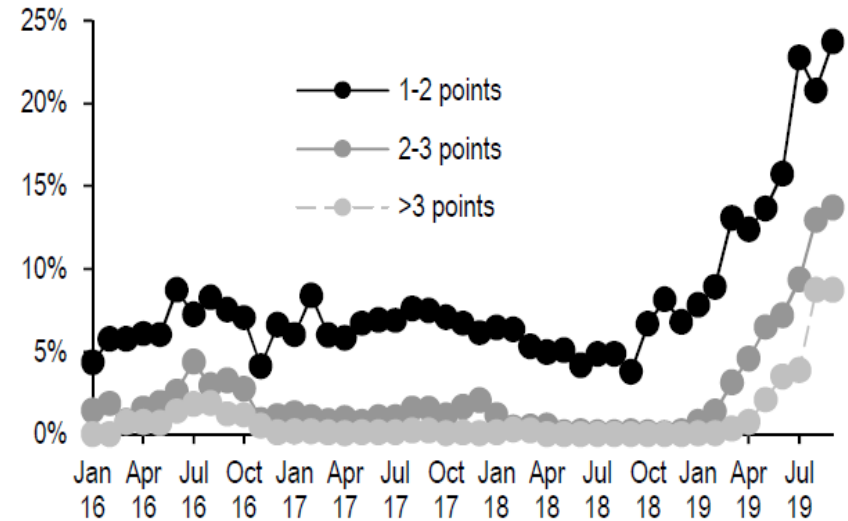
Share of pools trading at TBA price is at a record low...

Shares of MBS pools trading at TBA price floor



...One-half of MBS bonds trade with >1 point payup

Shares of MBS pools trading at different payup levels to TBA



- Less than 20% of MBS pools are trading at little or no payup to TBA prices today, as compared to approximately 40% during the 2016 refinancing wave
- This difference partly reflects diminished TBA support from the Federal Reserve

- Around 50% of MBS pools currently have payups above 1 point
- The performance of specified pools supported EARN's strong performance during the quarter, and has created some interesting trading opportunities while highlighting the importance of prepayment analysis and pool selection

- 1. Take advantage of relative value trading opportunities that we believe will emerge as market volatility leads to more pricing dislocations**
- 2. Dial up and down our MBS exposure aggressively in response to market opportunities**
- 3. Rotate portfolio to take advantage of wider yield spreads and relative value discrepancies between Agency RMBS, and capitalize on lower borrowing costs, in order to recharge Net Interest Margin and drive Core Earnings**
- 4. Capitalize on investment opportunities that emerge as volatility returns to the market and prepayments pick up**
 - Our hedging strategy and the high liquidity of our portfolio enable us to take advantage of investment opportunities**
 - Changes in the prepayment landscape should favor our core strengths of prepayment modeling, asset selection, and dynamic interest rate hedging, while also providing meaningful trading opportunities**

Supplemental Slides



Ellington is committed to corporate responsibility. We recognize the importance of environmental, social and governance (“ESG”) factors, and believe that the implementation of ESG policies will benefit our employees, support long-term shareholder performance, and make a positive impact on the environment and society as a whole.

Environmental

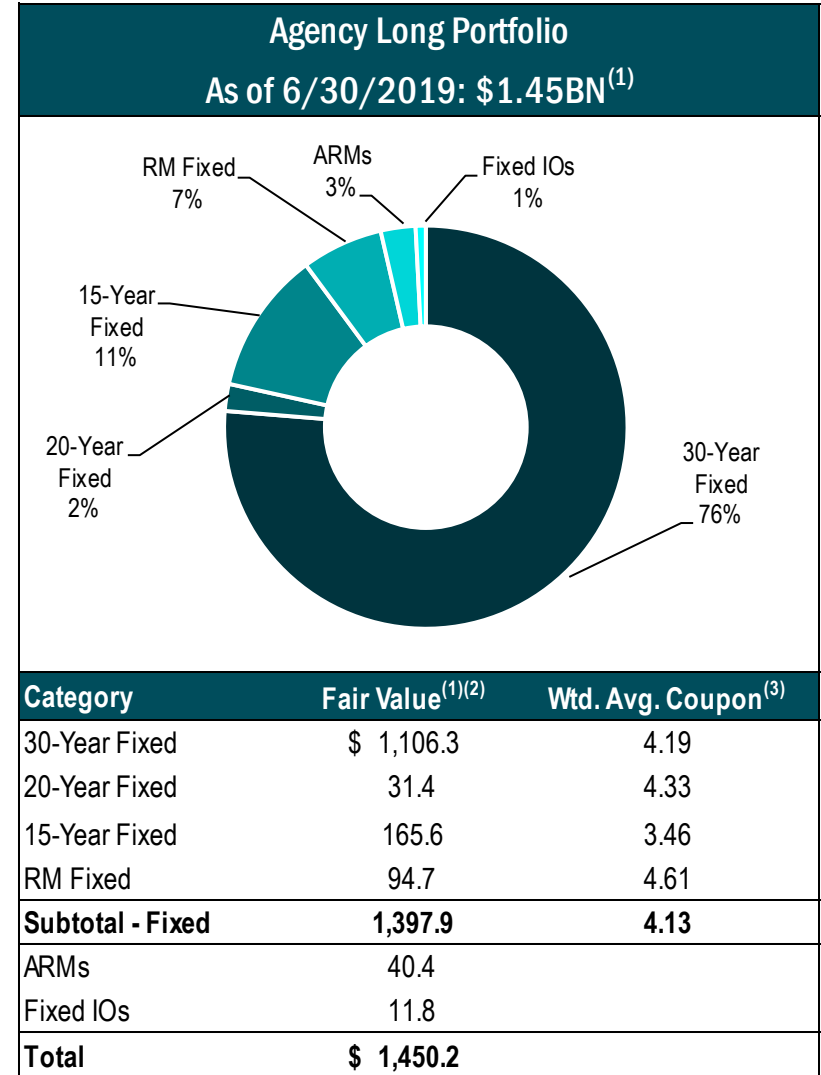
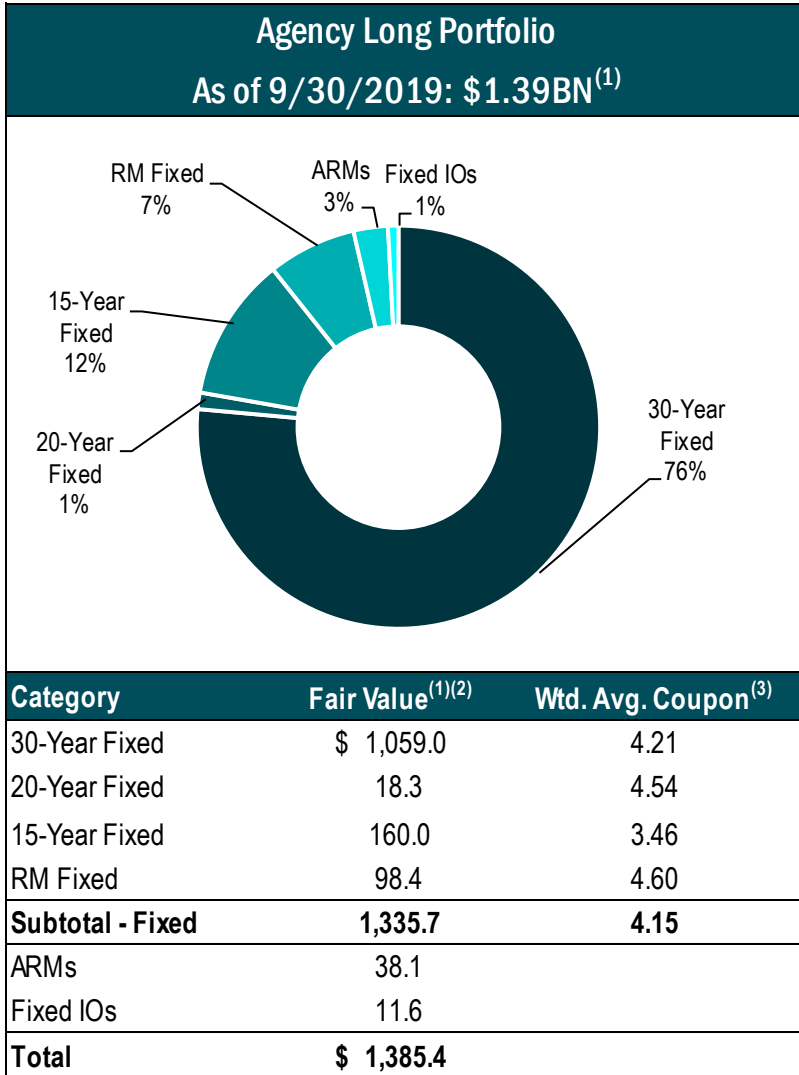
- Our office is conveniently located near mass transportation.
- We provide financial support and incentives to our employees who use public transit.
- To reduce energy usage, we use Energy Star® certified desktops, monitors and printers; and utilize motion sensor lighting and cooling to reduce energy usage in non-peak hours.
- To reduce waste and promote a cleaner environment, we use green cleaning supplies; recycle electronics, ink cartridges, and packaging; provide recycling containers to employees; and use water coolers to reduce waste.

Social

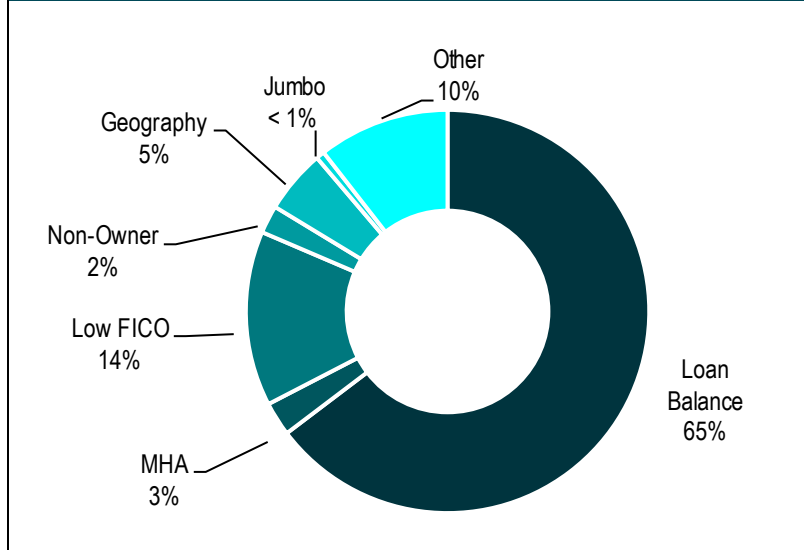
- We invest in home mortgage loans, which support homeownership and stability within communities.
- Ellington and senior members of management sponsor numerous charitable causes. We also support employee charitable contributions with matching gift programs.
- Our employees have access to robust health and wellness programs. Ellington also supports various events that support health and wellness.
- We provide opportunities for personal growth with training, education support, mentorship programs, and internship opportunities.
- We are committed to enhancing gender, racial, and ethnic diversity throughout our organization.
- We are in compliance with applicable employment codes and guidelines, including ADA, Equal Opportunity Employment, Non-Discrimination, Anti-Harassment and Non-Retaliation codes.

Governance

- Our Manager has a Responsible Investment policy which requires portfolio managers for applicable strategies to certify periodically that they have considered relevant ESG factors.
- We operate under a Code of Business Conduct and Ethics.
- EARN has a separate independent Chairman, and the majority of Board members are independent.
- We hold annual elections of Directors.
- We are committed to significant disclosure and transparency, including an established quarterly book value disclosure and dividend policy.
- We foster regular employee engagement, and have an established Whistleblower policy.
- Robust process for shareholder engagement

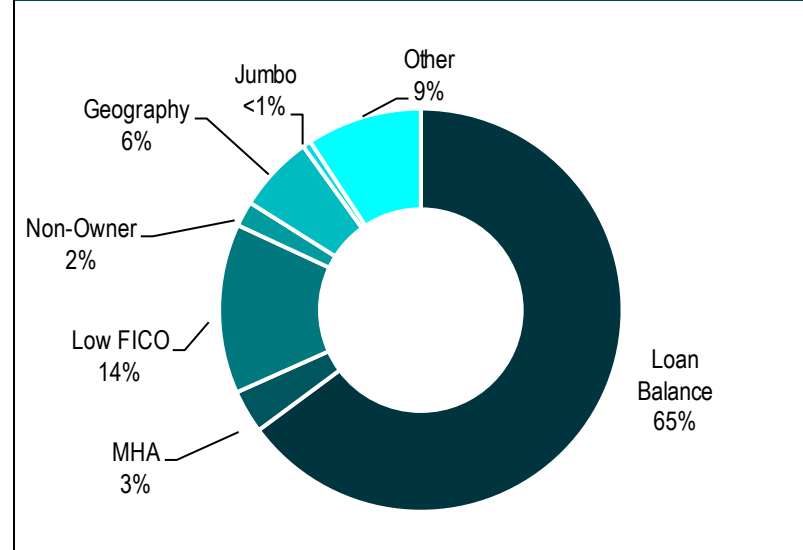


Agency Fixed Long Portfolio Collateral Characteristics and Historical 3-Mo CPR: Average for Quarter Ended 9/30/2019⁽¹⁾

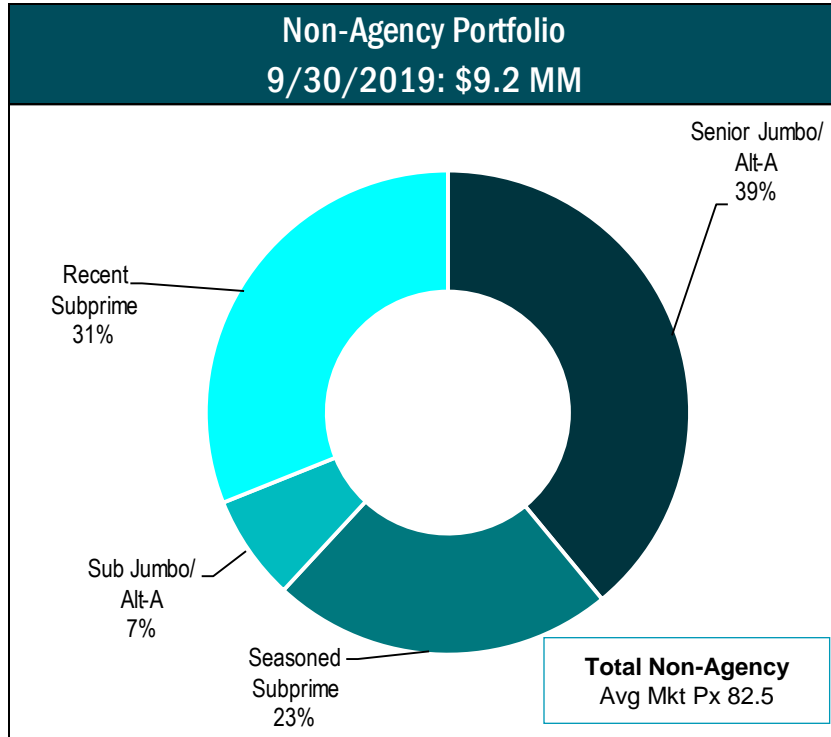


Characteristic ⁽²⁾	Fair Value ⁽¹⁾⁽³⁾	3-Month CPR %
Loan Balance	\$ 814.0	13.9
MHA ⁽⁴⁾	34.3	13.2
Low FICO	176.7	22.1
Non-Owner	28.3	0.7
Geography	64.3	7.6
Jumbo	8.5	23.6
Other	132.6	13.0
Total	\$ 1,258.6	14.5

Agency Fixed Long Portfolio Collateral Characteristics and Historical 3-Mo CPR: Average for Quarter Ended 6/30/2019⁽¹⁾



Characteristic ⁽²⁾	Fair Value ⁽¹⁾⁽³⁾	3-Month CPR %
Loan Balance	\$ 865.0	9.3
MHA ⁽⁴⁾	46.2	10.4
Low FICO	181.5	7.8
Non-Owner	26.9	4.7
Geography	82.1	10.6
Jumbo	8.8	9.4
Other	123.3	13.9
Total	\$ 1,333.8	9.6



- We continue to maintain a small but high-yielding portfolio of non-Agency RMBS
- May increase allocation to sector should more attractive entry points arise

Remaining Days to Maturity	September 30, 2019			June 30, 2019		
	Borrowings Outstanding	Weighted Average		Borrowings Outstanding	Weighted Average	
		Interest Rate	Remaining Days to Maturity		Interest Rate	Remaining Days to Maturity
	<i>(In thousands)</i>			<i>(In thousands)</i>		
30 days or less	\$ 436,356	2.44%	14	\$ 519,763	2.64%	17
31-60 days	589,760	2.27%	46	533,910	2.61%	46
61-90 days	273,218	2.21%	74	355,291	2.56%	76
91-120 days	20,881	2.39%	94	15,274	2.52%	110
121-150 days	-	-	-	17,805	2.60%	138
151-180 days	17,769	2.15%	169	-	-	-
Total	\$ 1,337,984	2.31%	44	\$ 1,442,043	2.61%	45

- Outstanding borrowings are with 14 counterparties as of September 30, 2019
- As of September 30th, the weighted average interest rate on our repo borrowings declined to 2.31% from 2.61% as June 30th, as short-term LIBOR rates fell
- Availability from both existing and new lending counterparties remains strong

Interest Rate Sensitivity Analysis⁽¹⁾

(\$ in thousands)

	Estimated Change in Fair Value			
	50 Basis Point Decline in Interest Rates		50 Basis Point Increase in Interest Rates	
	Market Value	% of Total Equity	Market Value	% of Total Equity
Agency RMBS — ARM Pools	\$ 290	0.19%	\$ (336)	-0.22%
Agency RMBS—Fixed Pools and IOs	13,640	8.82%	(15,629)	-10.11%
TBAs	(1,207)	-0.78%	2,182	1.41%
Non-Agency RMBS	205	0.13%	(212)	-0.14%
Interest Rate Swaps	(12,528)	-8.10%	12,066	7.81%
U.S. Treasury Securities	(1,050)	-0.68%	1,008	0.65%
U.S. Treasury Futures	495	0.32%	(483)	-0.31%
Repurchase and Reverse Repurchase Agreements	(783)	-0.51%	783	0.51%
Total	\$ (938)	-0.61%	\$ (621)	-0.40%

Financial Derivatives as of September 30, 2019

(\$ in thousands)

Fixed Payer Interest Rate Swaps					
Maturity	Notional Amount	Fair Value	Weighted Average Pay Rate	Weighted Average Receive Rate	Weighted Average Years to Maturity
2020-2022	\$ 297,706	\$ (2,949)	1.94%	2.21%	1.61
2023-2025	247,414	(6,201)	1.98%	2.14%	4.98
2026-2028	82,578	(6,377)	2.48%	2.24%	8.08
2029-2048	19,559	(3,836)	2.67%	2.19%	20.09
Total	\$ 647,257	\$ (19,363)	2.04%	2.19%	4.28

Fixed Receiver Interest Rate Swaps					
Maturity	Notional Amount	Fair Value	Weighted Average Pay Rate	Weighted Average Receive Rate	Weighted Average Years to Maturity
2023-2025	\$ (16,940)	\$ 4	2.09%	1.52%	4.42
2026-2048	(12,500)	(9)	2.09%	1.57%	10.01
Total	\$ (29,440)	\$ (5)	2.09%	1.54%	6.80

TBA Securities				
	Notional Amount ⁽¹⁾	Cost Basis ⁽²⁾	Market Value ⁽³⁾	Net Carrying Value ⁽⁴⁾
Total TBAs, net	\$ (194,758)	\$ (202,091)	\$ (202,014)	\$ 77

Futures			
	Notional Amount	Fair Value	Remaining Months to Expiration
U.S. Treasury Futures	\$ 19,800	\$ (121)	3.04

Consolidated Statement of Operations

(Unaudited)

	Three-Month Period Ended		Nine-Month Period Ended
	September 30, 2019	June 30, 2019	September 30, 2019
<i>(In thousands except share amounts)</i>			
INTEREST INCOME (EXPENSE)			
Interest income	\$ 10,485	\$ 12,139	\$ 35,237
Interest expense	(8,820)	(9,662)	(28,038)
Total net interest income	1,665	2,477	7,199
EXPENSES			
Management fees to affiliate	582	582	1,759
Professional fees	216	207	652
Compensation expense	132	112	394
Insurance expense	74	74	221
Other operating expenses	341	325	987
Total expenses	1,345	1,300	4,013
OTHER INCOME (LOSS)			
Net realized gains (losses) on securities	1,564	1,418	1,308
Net realized gains (losses) on financial derivatives	(1,862)	(8,771)	(22,723)
Change in net unrealized gains (losses) on securities	9,058	14,511	45,540
Change in net unrealized gains (losses) on financial derivatives	(5,351)	(8,442)	(14,761)
Total other income (loss)	3,409	(1,284)	9,364
NET INCOME (LOSS)	\$ 3,729	\$ (107)	\$ 12,550
NET INCOME (LOSS) PER COMMON SHARE			
Basic and Diluted	\$ 0.30	\$ (0.01)	\$ 1.01
WEIGHTED AVERAGE SHARES OUTSTANDING	12,459,478	12,467,103	12,464,800
CASH DIVIDENDS PER SHARE:			
Dividends declared	\$ 0.28	\$ 0.28	\$ 0.90

Consolidated Balance Sheet

(Unaudited)

E A R N

ELLINGTON RESIDENTIAL MORTGAGE REIT

	As of		
	September 30, 2019	June 30, 2019	December 31, 2018 ⁽¹⁾
<i>(In thousands except share amounts)</i>			
ASSETS			
Cash and cash equivalents	\$ 50,188	\$ 41,473	\$ 18,585
Mortgage-backed securities, at fair value	1,394,568	1,459,452	1,540,296
Due from brokers	56,734	41,838	24,051
Financial derivatives-assets, at fair value	475	1,831	11,839
Reverse repurchase agreements	43,008	40,097	379
Receivable for securities sold	123,594	106,376	74,197
Interest receivable	5,127	5,204	5,607
Other assets	708	771	612
Total Assets	\$ 1,674,402	\$ 1,697,042	\$ 1,675,566
LIABILITIES AND SHAREHOLDERS' EQUITY			
LIABILITIES			
Repurchase agreements	\$ 1,337,984	\$ 1,422,043	\$ 1,481,561
Payable for securities purchased	114,684	39,528	11,275
Due to brokers	294	751	1,325
Financial derivatives-liabilities, at fair value	19,886	15,891	16,559
U.S. Treasury securities sold short, at fair value	37,835	34,522	374
Dividend payable	3,485	3,491	4,252
Accrued expenses	681	664	838
Management fee payable to affiliate	582	582	579
Interest payable	4,400	4,965	4,981
Total Liabilities	\$ 1,519,831	\$ 1,542,437	\$ 1,521,744
SHAREHOLDERS' EQUITY			
Preferred shares, par value \$0.01 per share, 100,000,000 shares authorized; (0 shares issued and outstanding, respectively)	\$ -	\$ -	\$ -
Common shares, par value \$0.01 per share, 500,000,000 shares authorized; (12,448,421, 12,467,103 and 12,507,213 shares issued and outstanding,	124	125	125
Additional paid-in-capital	230,303	230,580	230,888
Accumulated deficit	(75,856)	(76,100)	(77,191)
Total Shareholders' Equity	154,571	154,605	153,822
Total Liabilities and Shareholders' Equity	\$ 1,674,402	\$ 1,697,042	\$ 1,675,566
Per Share Information			
Common shares, par value \$0.01 per share	\$ 12.42	\$ 12.40	\$ 12.30

Reconciliation of Core Earnings to Net Income (Loss)⁽¹⁾

	Three Month Period Ended	
	September 30, 2019	June 30, 2019 ⁽²⁾
<i>(In thousands except share amounts)</i>		
Net Income (Loss)	\$ 3,729	\$ (107)
Adjustments:		
Net realized (gains) losses on securities	(1,564)	(1,418)
Change in net unrealized (gains) losses on securities	(9,058)	(14,511)
Net realized (gains) losses on financial derivatives	1,862	8,771
Change in net unrealized (gains) losses on financial derivatives	5,351	8,442
Net realized gains (losses) on periodic settlements of interest rate swaps	2,347	(383)
Change in net unrealized gains (losses) on accrued periodic settlements of interest rate swaps	(1,815)	1,045
Subtotal	(2,877)	1,946
Core Earnings	\$ 852	\$ 1,839
Less: Catch-up Premium Amortization Adjustment	(1,564)	(904)
Adjusted Core Earnings	\$ 2,416	\$ 2,743
Weighted Average Shares Outstanding	12,459,478	12,467,103
Core Earnings Per Share	\$ 0.07	\$ 0.15
Adjusted Core Earnings Per Share	\$ 0.19	\$ 0.22

Ellington Profile

As of 9/30/2019

Founded:	1994
Employees:	>150
Investment Professionals:	65
Global offices:	3

\$8.4

Billion in
assets under
management as of
9/30/2019⁽¹⁾

14

Employee-partners
own the firm⁽²⁾

26

Years of average
industry experience
of senior portfolio
managers

25%

Ownership of EARN
by Blackstone
Tactical
Opportunity Funds

Ellington and its Affiliated Management Companies

- Our external manager Ellington Residential Mortgage Management LLC is part of the Ellington family of SEC-registered investment advisors⁽³⁾. Ellington Management Group and its affiliates manage Ellington Residential Mortgage REIT (EARN), Ellington Financial Inc. (EFC), multi-investor hedge funds, separately managed accounts, and opportunistic private funds
- Time-tested infrastructure and proprietary resources in trading, research, risk management, and operational support
- Founding partners each have advanced academic training in mathematics and engineering, including among them several Ph.D.'s and Master's degrees

Industry-Leading Research & Trading Expertise

- Sophisticated proprietary models for prepayment and credit analysis
- Approximately 22% of employees dedicated to research and infrastructure development
- Structured credit trading experience and analytical skills developed since the firm's founding 24 years ago
- Ellington's portfolio managers are among the most experienced in the MBS sector and the firm's analytics have been developed over its 24-year history

Slide 3 – Third Quarter Market Update

- (1) Source: Bloomberg
- (2) Source: Mortgage Bankers Association via Bloomberg
- (3) LIBOR-based Option Adjusted Spread measures the additional yield spread over LIBOR that an asset provides at its current market price after taking into account any interest rate options embedded in the asset.
- (4) LIBOR-based Zero-volatility spread (Z-spread) measures the additional yield spread over LIBOR that the projected cash flows of an asset provide at the current market price of the asset.

Slide 4 – Third Quarter Highlights

- (1) Adjusted Core Earnings and Adjusted Net Interest Margin represent Core Earnings and Net Interest Margin, respectively, in each case excluding the effect of the Catch-Up Premium Amortization Adjustment on interest income. See slide 24, endnote 1 for definition of Catch-up Premium Amortization Adjustment.
- (2) Core Earnings and Adjusted Core Earnings are non-GAAP financial measures. See slide 24 for a reconciliation of Core Earnings and Adjusted Core Earnings to Net Income (Loss).
- (3) As of September 30, 2019.
- (4) We define our net mortgage assets-to-equity ratio as the net aggregate market value of our mortgage-backed securities (including the underlying market values of our long and short TBA positions) divided by total shareholders' equity. As of September 30, 2019 the market value of our mortgage-backed securities and our net short TBA position was \$1.395 billion and \$(202.0) million, respectively, and total shareholders' equity was \$154.6 million.

Slide 5 – Relative Yield Spreads

- (1) As of date varies for certain securitized products as follows: 9/10/2019 for Subprime Auto BBB; 9/13/2019 for US CMBS AAA and US CMBS BBB; 9/18/2019 for Non-QM AAA; 9/26/2019 for CRT OTR M1; 9/27/2019 for EUR CLO 2.0 AAA, US CLO 2.0 AAA, US CLO 2.0 BBB, Legacy Resi and US Spec HLB 4

Slide 6 – Spread Differential: 3-mo. LIBOR vs. Repo Funding Rate

- (1) Chart compares LIBOR on each day to the average rate of EARN's repo financing outstanding on that day. Because repo financing may be entered into for an extended term at a rate fixed at the beginning of the term, the average outstanding repo rate on a given day may reflect rates set in a rate environment weeks or months before that day. The average rate on outstanding repo financing on a day may differ materially from the rate available to establish repo financing on that day.

Slide 7 – Summary of Financial Results

- (1) Shareholders' Equity per share is calculated using shares outstanding at the end of the period. All other per share amounts are calculated using the weighted average shares outstanding for the quarter.
- (2) Total Other Gain (Loss) represents net realized and unrealized gains (losses) on periodic settlements of interest rate swaps.
- (3) Core Earnings is a non-GAAP financial measure. See slide 24 for a reconciliation of Core Earnings to Net Income (Loss).
- (4) See slide 24, endnote 1 for definition of Catch-up Premium Amortization Adjustment.
- (5) Adjusted Core Earnings and Adjusted Net Interest Margin represent Core Earnings and Net Interest Margin, respectively, in each case excluding the effect of the Catch-Up Premium Amortization Adjustment on interest income.
- (6) Adjusted Weighted Average Yield represents the weighted average yield on our portfolio, excluding the impact of the Catch-up Premium Amortization Adjustment.

Slide 8 – Portfolio Summary

- (1) Represents the dollar amount (not shown in thousands) per \$100 of current principal of the price or cost for the security.
- (2) Excludes Agency IOs.

Slide 9 – Agency Interest Rate Hedging Portfolio

- (1) “10-year equivalents” for a group of positions represent the amount of 10-year U.S. Treasury securities that would be expected to experience a similar change in market value under a standard parallel move in interest rates.

Slide 10 – Dynamic Hedging Strategy

- (1) Net short TBA positions represents the current market value of the underlying Agency RMBS (on a forward delivery basis) as of September 30, 2019 and June 30, 2019. The net carrying value of the TBA positions as of September 30, 2019 and June 30, 2019 on the Consolidated Balance Sheet was \$0.08 million and \$(1.2) million, respectively.
- (2) We define our net mortgage assets-to-equity ratio as the net aggregate market value of our mortgage-backed securities (including the underlying market values of our long and short TBA positions) divided by total shareholders' equity.

Slide 16 – Agency Portfolio Summary

- (1) Does not include long TBA positions with a notional value of \$106.5 million and a market value of \$110.7 million as of September 30, 2019. Does not include long TBA positions with a notional value of \$259.2 million and a market value of \$268.0 million as of June 30, 2019.
- (2) Fair value shown in millions.
- (3) Represents weighted average net pass-through rate.

Slide 17 – CPR Breakout of Agency Fixed Long Portfolio

- (1) Does not include long TBA positions, reverse mortgage pools, or fixed rate IOs.
- (2) Classification methodology may change over time as market practices change.
- (3) Fair value shown in millions.
- (4) “MHA” indicates those pools where underlying borrowers have participated in the Making Homes Affordable program.

Slide 19 – Repo Borrowings

- (1) As of September 30, 2019 and June 30, 2019, the Company had no outstanding borrowings other than under repurchase agreements.

Slide 20 – Interest Rate Sensitivity Analysis

- (1) Based on the market environment as of September 30, 2019. Results are based on forward-looking models, which are inherently imperfect, and incorporate various simplifying assumptions. Therefore, the table above is for illustrative purposes only and actual changes in interest rates would likely cause changes in the actual value of our portfolio that would differ from those presented above, and such differences might be significant and adverse.

Slide 21 – Financial Derivatives as of September 30, 2019

- (1) Notional amount represents the principal balance of the underlying Agency RMBS.
- (2) Cost basis represents the forward price to be paid for the underlying Agency RMBS.
- (3) Market value represents the current market value of the underlying Agency RMBS (on a forward delivery basis) as of September 30, 2019.
- (4) Net carrying value represents the difference between the market value of the TBA contract as of September 30, 2019 and the cost basis, and is included in Financial derivatives-assets, at fair value and Financial derivatives-liabilities, at fair value on the Consolidated Balance Sheet.

Slide 23 – Consolidated Balance Sheet

- (1) Derived from audited financial statements as of December 31, 2018.

Slide 24 – Reconciliation of Core Earnings to Net Income (Loss)

- (1) Core Earnings consists of net income (loss), excluding realized and change in net unrealized gains and (losses) on securities and financial derivatives, and, if applicable, items of income or loss that are of a non-recurring nature. Core Earnings includes net realized and change in net unrealized gains (losses) associated with periodic settlements on interest rate swaps. Adjusted Core Earnings represents Core Earnings excluding the effect of the Catch-up Premium Amortization Adjustment on interest income. The Catch-up Premium Amortization Adjustment is a quarterly adjustment to premium amortization triggered by changes in actual and projected prepayments on our Agency RMBS (accompanied by a corresponding offsetting adjustment to realized and unrealized gains and losses). The adjustment is calculated as of the beginning of each quarter based on our then-current assumptions about cashflows and prepayments, and can vary significantly from quarter to quarter. Core Earnings and Adjusted Core Earnings are supplemental non-GAAP financial measures. We believe that Core Earnings and Adjusted Core Earnings provide information useful to investors because they are metrics that we use to assess our performance and to evaluate the effective net yield provided by the portfolio. Moreover, one of our objectives is to generate income from the net interest margin on the portfolio, and Core Earnings and Adjusted Core Earnings are used to help measure the extent to which this objective is being achieved. In addition, we believe that presenting Core Earnings and Adjusted Core Earnings enables our investors to measure, evaluate and compare our operating performance to that of our peer companies. However, because Core Earnings and Adjusted Core Earnings are incomplete measures of our financial results and differ from net income (loss) computed in accordance with GAAP, they should be considered as supplementary to, and not as substitutes for, net income (loss) computed in accordance with GAAP. The table above reconciles, for the three month periods ended September 30, 2019 and June 30, 2019, our Core Earnings and Adjusted Core Earnings on a consolidated basis to the line on our Consolidated Statement of Operations entitled Net Income (Loss), which we believe is the most directly comparable GAAP measure on our Consolidated Statement of Operations to Core Earnings and Adjusted Core Earnings.
- (2) Conformed to current period presentation

Slide 25 – About Ellington Management Group

- (1) \$8.4 billion in assets under management includes approximately \$1.5 billion in Ellington-managed CLOs. For these purposes, the Ellington-managed CLO figure represents the aggregate outstanding balance of CLO notes and market value of CLO equity, excluding any notes and equity held by other Ellington-managed funds and accounts.
- (2) Does not include partners formerly employed by Ellington who may have residual capital balances but who no longer have voting rights in the partnership.
- (3) Registration with the SEC does not imply that the firm or any of its principals or employees possess a particular level of skill or training in the investment advisory or any other business.



E A R N

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