UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

DATE OF REPORT (Date of earliest event reported): July 26, 2016

Commission File Number 0-17071

FIRST MERCHANTS CORPORATION

(Exact name of registrant as specified in its charter)

INDIANA	35-1544218
(State or other jurisdiction of incorporation)	(IRS Employer Identification No.)

200 East Jackson Street

P.O. Box 792 Muncie. IN 47305-2814

(Address of principal executive offices, including zip code)

(765) 747-1500

(Registrant's telephone number, including area code)

Not Applicable

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

ITEM 2.02 RESULTS OF OPERATIONS AND FINANCIAL CONDITION

On Tuesday, July 26, 2016, First Merchants Corporation will conduct a second quarter earnings conference call and web cast at 2:30 p.m. (ET). A copy of the slide presentation utilized on the conference call is furnished as Exhibit 99.1 to this Current Report on Form 8-K.

ITEM 9.01 FINANCIAL STATEMENTS AND EXHIBITS.

- (a) Not applicable.
- (b) Not applicable.
- (c) Not applicable.
- (d) Exhibits.

Exhibit 99.1 Slide presentation, utilized July 26, 2016, during conference call and web cast by First Merchants Corporation

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 hereunto duly authorized.

First Merchants Corporation (Registrant)

By: <u>/s/ Mark K. Hardwick</u> Mark K. Hardwick Executive Vice President, Chief Financial Officer and Chief Operating Officer

Dated: July 26, 2016

EXHIBIT INDEX

Exhibit No. Description

Slide presentation, utilized July 26, 2016, during conference call and web cast by First Merchants Corporation

99.1

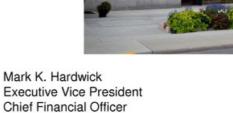


Second Quarter 2016 Earnings Highlights July 26, 2016

NASDAQ: FRME

Michael C. Rechin President Chief Executive Officer

www.firstmerchants.com



Chief Operating Officer

John J. Martin Executive Vice President Chief Credit Officer



Forward-Looking Statement

www.firstmerchants.com



The Corporation may make forward-looking statements about its relative business outlook. These forward-looking statements and all other statements made during this meeting that do not concern historical facts are subject to risks and uncertainties that may materially affect actual results. Specific forward-looking statements include, but are not limited to, any indications regarding the financial services industry, the economy and future growth of the balance sheet or income statement. Please refer to our press releases, Form 10-Qs and 10-Ks concerning factors that could cause actual results to differ materially from any forward-looking statements.

Non-GAAP Financial Measures

These slides contain non-GAAP financial measures. For purposes of Regulation G, a non-GAAP financial measure is a numerical measure of the registrant's historical or future financial performance, financial position or cash flows that excludes amounts, or is subject to adjustments that have the effect of excluding amounts, that are included in the most directly comparable measure calculated and presented in accordance with GAAP in the statement of income, balance sheet or statement of cash flows (or equivalent statements) of the issuer; or includes amounts, or is subject to adjustments that have the effect of including amounts, that are excluded from the most directly comparable measure so calculated and presented. In this regard, GAAP refers to generally accepted accounting principles in the United States. Pursuant to the requirements of Regulation G, First Merchants Corporation has provided reconciliations within the slides, as necessary, of the non-GAAP financial measure to the most directly comparable GAAP financial measure.

2nd Quarter 2016 Highlights



- > \$20.0 Million of Net Income, an 11.3% increase over 2Q2015
- Earnings Per Share of \$.49, a 4.3% increase over 2Q2015
- Delivered a strong 3.86% Net Interest Margin
- > Total Assets of \$6.9 Billion grew by 12.5% over 2Q2015
- 1.17% Return on Average Assets
- Efficiency Ratio of 57.33%
- > Completed conversion to an Indiana State Chartered Bank on April 15, 2016

"Record Level Performance Metrics"

THE STRENGTH OF BIG. THE SERVICE OF SMALL.



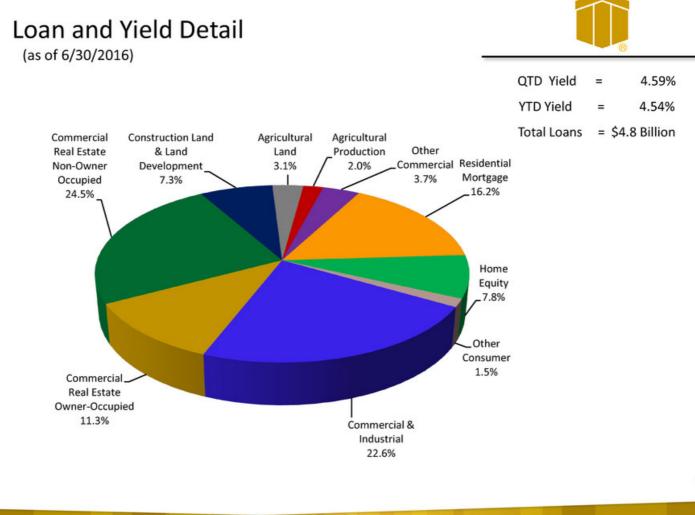
Mark K. Hardwick

Executive Vice President Chief Financial Officer and Chief Operating Officer

Total Assets



	(\$ in Millions)	2014	2015	<u>Q1-'16</u>	<u>Q2-'16</u>
1.	Investments	\$1,181	\$1,277	\$1,271	\$1,298
2.	Loans Held for Sale	7	10	4	19
3.	Loans	3,925	4,694	4,710	4,791
4.	Allowance	(64)	(62)	(62)	(62)
5.	CD&I & Goodwill	219	260	262	261
6.	BOLI	169	201	201	201
7.	Other	387	_381_	<u>413</u>	<u>398</u>
8.	Total Assets	\$5,824	\$6,761	<u>\$6,799</u>	<u>\$6,906</u>
	Percent Growth Annualized		16.1%		4.3%

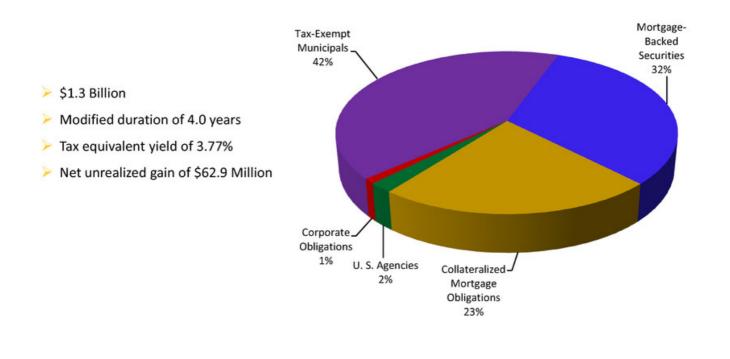


www.firstmerchants.com

Investment Portfolio

(as of 6/30/2016)

www.firstmerchants.com



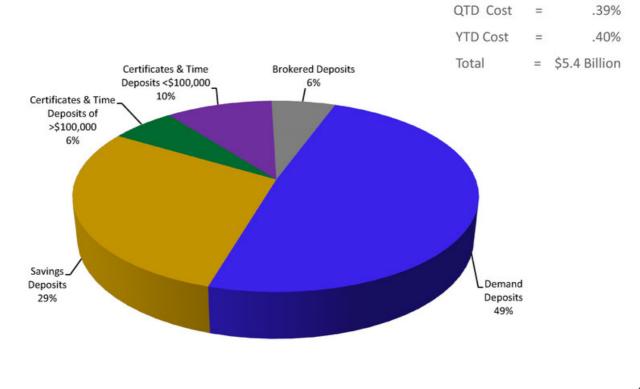
Total Liabilities and Capital



	(\$ in Millions)	<u>2014</u>	<u>2015</u>	<u>Q1-'16</u>	<u>Q2-'16</u>	
1.	Customer Non-Maturity Deposits	\$3,523	\$4,096	\$4,140	\$4,269	
2.	Customer Time Deposits	784	880	841	820	
3.	Brokered Deposits	334	314	330	319	
4.	Borrowings	290	446	420	435	
5.	Other Liabilities	44	51	79	53	
6.	Hybrid Capital	122	123	122	122	
7.	Common Equity	727	851	<u>867</u>	<u>888</u>	
8.	Total Liabilities and Capital	\$5,824	\$6,761	<u>\$6,799</u>	<u>\$6,906</u>	

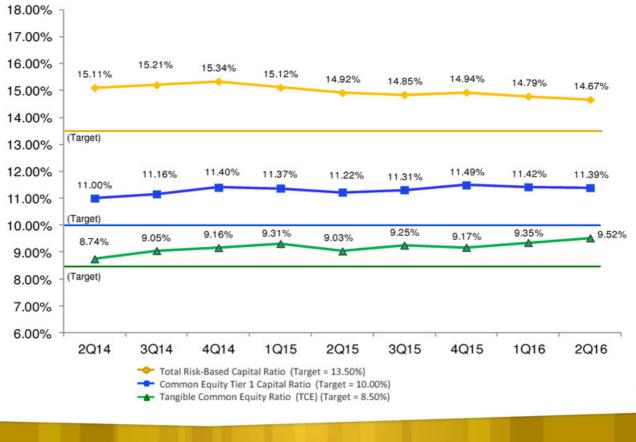
THE STRENGTH OF BIG. THE SERVICE OF SMALL.

Deposit Detail (as of 06/30/2016)



www.firstmerchants.com

Capital Ratios



www.firstmerchants.com

THE STRENGTH OF BIG. THE SERVICE OF SMALL.

Net Interest Margin



(\$ in Millions)	<u>Q2 - '14</u>	<u>Q3 - '14</u>	<u>Q4 - '14</u>	<u>Q1 - '15</u> <u>Q2 - '15</u>	<u>Q3 - '15</u>	<u>Q4 - '15</u>	<u>Q1 - '16</u>	<u>Q2 - '16</u>
Net Interest Income - FTE	\$ 48.1	\$ 49.9	\$ 49.2 \$	49.2 \$ 51.7	\$ 53.3 \$	\$ 53.2 \$	\$ 57.6 \$	59.2
Fair Value Accretion	\$ 2.2	\$ 3.5	\$ 1.4 \$	2.2 \$ 2.2	\$ 2.0 \$	\$ 1.9 \$	\$ 2.5 \$	3.2
Tax Equivalent Yield on Earning Assets	4.33%	4.41%	4.26%	4.24% 4.26%		4.20%	4.28%	4.30%
Cost of Supporting Liabilities Net Interest Margin	0.44% 3.89%	0.43% 3.98%	0.46% 3.80%	0.46% 0.45% 3.78% 3.81%		0.45% 3.75%	0.45% 3.83%	0.44% 3.86%
\$60 \$56 \$52 \$52 \$710 \$710 \$710	3,80%	3.78% ×	3,81%	3.85%	3.75%	3.83%	3.86%	4.10% - 3.90% - 3.70%
\$48 + \$44 + \$40 +	3.69%	3.61%	3.65%	3.71%	3.62%	3.66%	3.65%	- 3.50% - 3.30% - 3.10% - 2.90%
\$36 - \$32 - '14 Q3 - '14	Q4 - '14	Q1 - '15	Q2 - '15	5 Q3 - '15	Q4 - '15	Q1 - '16	Q2 - '16	- 2.70% - 2.50%

www.firstmerchants.com

Net Interest Income - FTE (\$millions)

THE STRENGTH OF BIG. THE SERVICE OF SMALL.

11

---- Net Interest Margin - Adjusted for Fair Value Accretion

Non-Interest Income



THE STRENGTH OF BIG. THE SERVICE OF SMALL.

	(\$ in Millions)	<u>2014</u>	2015	<u>Q1-'16</u>	<u>Q2-'16</u>
1.	Service Charges on Deposit Accounts	\$15.7	\$16.2	\$ 4.1	\$ 4.4
2.	Wealth Management Fees	11.7	11.3	3.1	3.0
3.	Insurance Commission Income	7.4	4.1		-
4.	Card Payment Fees	11.8	13.4	3.8	3.8
5.	Cash Surrender Value of Life Ins	3.7	2.9	1.5	1.3
6.	Gains on Sales Mortgage Loans	4.9	6.5	1.5	1.7
7.	Securities Gains/Losses	3.6	2.7	1.0	0.7
8.	Gain on Sale of Insurance Subsidiary	-	8.3	-	-
9.	Gain on Cancellation of Trust Preferred Debt	-	1.3	-	-
10.	Other	<u>3.0</u>	<u>3.1</u>	<u>0.8</u>	<u>1.5</u>
11.	Total	<u>\$61.8</u>	<u>\$69.8</u>	<u>\$15.8</u>	<u>\$16.4</u>

www.firstmerchants.com

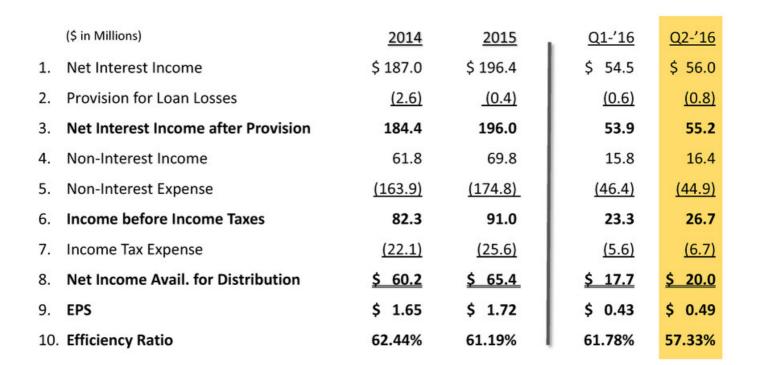
Non-Interest Expense



	(\$ in Millions)	<u>2014</u>	2015	<u>Q1-'16</u>	<u>Q2-'16</u>
1.	Salary & Benefits	\$ 96.5	\$101.9	\$ 27.3	\$ 25.6
2.	Premises & Equipment	23.2	25.5	7.3	7.3
3.	Core Deposit Intangible Amortization	2.4	2.8	1.0	1.0
4.	Professional & Other Outside Services	8.1	9.9	2.2	1.5
5.	OREO/Credit-Related Expense	3.4	3.9	0.7	0.9
6.	FDIC Expense	3.7	3.7	1.0	1.0
7.	Outside Data Processing	7.3	7.1	2.1	2.0
8.	Marketing	3.5	3.5	0.7	0.9
9.	Other	<u>15.8</u>	16.5	<u>4.1</u>	<u>4.7</u>
10.	Non-Interest Expense	<u>\$163.9</u>	<u>\$174.8</u>	<u>\$ 46.4</u>	<u>\$44.9</u>

www.firstmerchants.com

Earnings



14

www.firstmerchants.com

Per Share Results



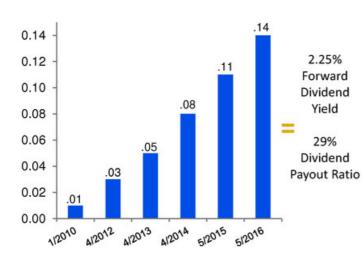
<u>2015</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>	<u>Total</u>
1. Earnings Per Share	\$.43	\$.47	\$.45	\$.37	\$ 1.72
2. Dividends	\$.08	\$.11	\$.11	\$.11	\$.41
3. Tangible Book Value	\$13.96	\$14.15	\$14.59	\$ 14.68	
<u>2016</u>	<u>Q1</u>	<u>Q2</u>	<u>Q</u> :	<u>a Q4</u>	<u>Total</u>
1. Earnings Per Share	\$.43	\$.49	-		\$.92
2. Dividends	\$.11	\$.14	-		\$.25
2. Tangible Book Value	\$15.02	\$15.53	-		

www.firstmerchants.com

THE STRENGTH OF BIG. THE SERVICE OF SMALL.



Dividends and Tangible Book Value



www.firstmerchants.com

Quarterly Dividends

Tangible Book Value



16



John J. Martin

Executive Vice President and Chief Credit Officer



Loan Portfolio Trends

					Char	-
(\$ in Millions)					Linked G	
	<u>2014</u>	<u>2015</u>	<u>Q1-'16</u>	<u>Q2-'16</u>	\$	%
1. Commercial & Industrial	\$ 897	\$ 1,057	\$ 1,061	\$ 1,085	\$ 24	2.3%
2. Construction, Land and Land Development	207	367	392	353	(39)	(9.9%)
3. CRE Non-Owner Occupied	976	1,090	1,106	1,179	73	6.6%
4. CRE Owner Occupied	535	554	544	543	(1)	(0.2%)
5. Agricultural Production	105	98	92	95	3	3.3%
6. Agricultural Land	162	158	155	148	(7)	(4.5%)
7. Residential Mortgage	647	786	770	759	(11)	(1.4%)
8. Home Equity	287	349	354	374	20	5.6%
9. Other Commercial	36	160	162	180	18	11.1%
10. Other Consumer	<u>73</u>	<u>75</u>	<u>74</u>	<u>75</u>	<u>1</u>	1.4%
11. Total Loans	\$ 3,925	\$ 4,694	\$ 4,710	\$ 4,791	\$81	1.7%

www.firstmerchants.com

THE STRENGTH OF BIG. THE SERVICE OF SMALL.

Asset Quality Summary



(\$ in Millions)						L	Cha inked	nge Quarter
	2014	<u>2015</u>		Q1-'16	Q2-'16		\$	%
1. Non-Accrual Loans	\$ 48.8	\$ 31.4	\$	36.7	\$ 33.6	\$	(3.1)	(8.4%)
2. Other Real Estate	19.3	17.3		15.6	13.2	3	(2.4)	(15.4%)
3. Renegotiated Loans	2.0	1.9		1.0	4.3		3.3	330.0%
4. 90+ Days Delinquent Loans	4.6	0.9		1.0	0.4		(0.6)	(60.0%)
5. Total NPAs & 90+ Days Delinquent	\$ 74.7	\$ 51.5	\$	54.3	\$ 51.5	\$	(2.8)	(5.2%)
6. NPAs & 90+ Days/Loans & ORE	1.9%	1.1%		1.2%	1.1%			
		 	-		 			
7. Classified Assets	\$ 191.8	\$ 171.8	\$	170.9	\$ 173.2	\$	2.3	1.3%
8. Criticized Assets (includes Classified)	\$ 253.6	\$ 275.0	\$	305.8	\$ 297.6	\$	(8.2)	(2.7%)

www.firstmerchants.com

THE STRENGTH OF BIG. THE SERVICE OF SMALL.



Non-Performing Asset Reconciliation

-					
(\$ in Millions)	<u>Q3-'15</u>	<u>Q4-'15</u>	<u>Q1-'16</u>	<u>Q2-'16</u>	
1. Beginning Balance NPAs & 90+ Days Delinquent	\$ 58.5	\$ 53.2	\$ 51.5	\$ 54.3	
Non-Accrual 2. Add: New Non-Accruals 3. Less: To Accrual/Payoff/Renegotiated	3.9 (6.8)	3.9 (2.4)	10.7 (2.7)	3.6 (4.5)	
4. Less: To OREO	(0.8)	(2.4)	(0.1)	(4.3)	
5. Less: Charge-offs	(2.1)	(1.9)	(2.6)	(2.0)	
6. Increase / (Decrease): Non-Accrual Loans	(5.1)	(1.2)	5.3	(3.1)	
Other Real Estate Owned (ORE)					
7. Add: New ORE Properties	0.1	6.5	0.1	0.2	
8. Less: ORE Sold	(3.4)	(3.6)	(1.5)	(2.1)	
9. Less: ORE Losses (write-downs)	<u>(1.1)</u>	(0.5)	<u>(0.3)</u>	<u>(0.5)</u>	
 Increase / (Decrease): ORE Increase / (Decrease): 90+ Days Delinquent Increase / (Decrease): Renegotiated Loans 	(4.4) 1.3 <u>2.9</u>	2.4 (1.0) <u>(1.9)</u>	(1.7) 0.1 <u>(0.9)</u>	(2.4) (0.6) <u>3.3</u>	
13. Total NPAs & 90+ Days Delinquent Change	<u>(5.3)</u>	<u>(1.7)</u>	<u>2.8</u>	<u>(2.8)</u>	
14. Ending Balance NPAs & 90+ Days Delinquent	\$ 53.2	\$ 51.5	\$ 54.3	\$ 51.5	1

www.firstmerchants.com

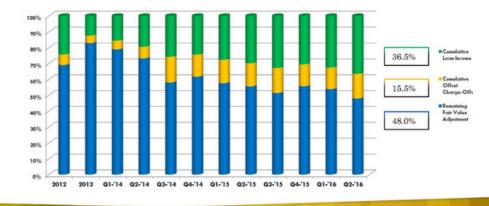
THE STRENGTH OF BIG. THE SERVICE OF SMALL.



ALLL and Fair Value Summary

(\$ in Millions)	Q2-'15	Q3-'15	Q4-'15	Q1-'16	Q2-'16
1. Allowance for Loan Losses (ALLL)	\$ 62.6	\$ 62.9	\$ 62.5	\$ 62.1	\$ 62.2
2. Fair Value Adjustment (FVA)	40.7	37.9	47.0	47.1	<u>42.3</u>
3. Total ALLL plus FVA	\$ 103.3	\$ 100.8	\$ 109.5	\$ 109.2	\$ 104.5
4. Specific Reserves	\$ 3.1	\$ 2.0	\$ 1.8	\$ 1.4	\$ 2.1
5. Purchased Loans plus FVA	727.8	674.5	965.4	917.6	863.4
6. ALLL/Non-Accrual Loans	165.9%	192.8%	199.0%	169.1%	185.3%
7. ALLL/Non-purchased Loans	1.76%	1.70%	1.65%	1.62%	1.56%
8. ALLL/Loans	1.47%	1.45%	1.33%	1.32%	1.29%
9. ALLL & FVA/Total Loan Balances plus FVA ¹	2.41%	2.31%	2.31%	2.29%	2.15%

¹ Management uses this Non-GAAP measure to demonstrate coverage and credit risk



www.firstmerchants.com

THE STRENGTH OF BIG. THE SERVICE OF SMALL.

Asset Quality & Portfolio Summary

www.firstmerchants.com



- Loan growth of \$81 million led by Commercial Real Estate and C & I. Continued growth in construction commitments.
- Criticized and Classified Assets improving but elevated as a result of purchased portfolios and prior year agricultural results.
- Provision in line with charge-offs resulting in a 1.56% ALLL to non-purchased loans and 2.15% with fair value adjustments.
- Minimal amount (<\$20 million) of direct exposure to energy (coal). Other related energy exposure is associated with commodity price fluctuations and the effect on agricultural portfolio.



Michael C. Rechin

President and Chief Executive Officer

FMC Strategy and Tactics Overview



Looking Forward . . .

- Continue to Win in our Markets Geographic Community-Based Banking Model
- Increase Focus on Treasury Management Services for Deposit and Fee Generation
- > Build or Acquire Specialty Finance Businesses and Lending Verticals
- Mergers and Acquisitions as a Core Competency
- Exploit Back-Office Infrastructure for Efficiency and Operating Leverage
- Persistent Focus on Banking Center Optimization in Alignment with Digital Channels Migration
- Capital Optimization

THE STRENGTH OF BIG. THE SERVICE OF SMALL.

Contact Information



First Merchants Corporation common stock is traded on the NASDAQ Global Select Market under the symbol FRME.

Additional information can be found at

www.FIRSTMERCHANTS.COM

Investor inquiries: David L. Ortega Investor Relations Telephone: 765.378.8937 dortega@firstmerchants.com



www.firstmerchants.com

THE STRENGTH OF BIG. THE SERVICE OF SMALL.



Appendix



Appendix – Non-GAAP Reconciliation

CAPITAL RATIOS (dollars in thousands):

	1Q14	2Q14	3Q14	4Q14		1Q15		2Q15		3Q15		4Q15	1Q16		2Q16
Total Risk-Based Capital Ratio	<i></i>														
Total Stockholders' Equity (GAAP)	652,111	670,596	684,553	726,827		739,658		749,955		766,984		850,509	867,263		887,550
Adjust for Accumulated Other Comprehensive (Income)															
Loss*	1,016	(4,210)	(4,150)	1,630		1,915		6,490		3,614		1,362	(2,066)		(7,035)
Less: Preferred Stock						(125)		(125)		(125)		(125)	(125)		(125
Add: Qualifying Capital Securities	55,000	55,000	55,000	55,000		56,827		56,827		51,827		55,776	55,236		55,296
Less: Tier 1 Capital Deductions						(4,381)		(2,371)		(3,418)		(2,516)	(1,999)		(1,828)
Less: Disallowed Goodwill and Intangible Assets	(202,175)	(201,583)	(200,992)	(218,755)		(205,818)		(208,980)		(208,749)		(247,006)	(250,367)		(249,932)
Less: Disallowed Servicing Assets	(177)	(171)	(166)	(167)											
Less: Disallowed Deferred Tax Assets	(4,677)	(1,357)				(1,786)		(1,581)		(1,144)		(1,677)	(2,998)		(2,743
Total Tier 1 Capital (Regulatory)	\$ 501,098	\$ 518,275	\$ 534,245	\$ 564,535	ŝ	586,290	S	600,215	S	608,989	S	656,323	\$ 664,944	s	681,183
Qualifying Subordinated Debentures	65,000	65,000	65,000	65,000		65,000		65,000		65,000		65,000	65,000		65,000
Allowance for Loan Losses includible in Tier 2 Capital	51,556	52,809	53,803	55,972		58,688		60,865		62,012		62,453	62,086		62,186
Total Risk-Based Capital (Regulatory)	\$ 617,654	\$ 636,084	\$ 653,048	\$ 685,507	\$	709,978	\$	726,080	\$	736,001	\$	783,776	\$ 792,030	\$	808,369
Net Risk-Weighted Assets (Regulatory)	\$ 4,106,423	\$4,209,145	\$ 4,292,495	\$ 4,469,765	\$	4,695,073	\$	4,865,157	\$	4,956,737	\$	5,247,617	\$ 5,355,827	\$	5,511,557
Total Risk-Based Capital Ratio (Regulatory)	15.04%	15.11%	15.21%	15.34%		15.12%		14.92%		14.85%		14.94%	14.79%		14.67%
Common Equity Tier 1 Capital Ratio															
Total Tier 1 Capital (Regulatory)	\$ 501,098	\$ 518,275	\$ 534,245	\$ 564,535	\$	586,290	\$	600,215	\$	608,989	\$	656,323	\$ 664,944	\$	681,183
Less: Qualified Capital Securities	(55,000)	(55,000)	(55,000)	(55,000)		(56,827)		(56,827)		(51,827)		(55,776)	(55,236)		(55,296
Add: Additional Tier 1 Capital Deductions						4,381		2,371		3,418		2,516	1,999		1,828
Less: Preferred Stock	(125)	(125)	(125)	(125)											
Common Equity Tier 1 Capital (Regulatory)	\$ 445,973	\$ 463,150	\$ 479,120	\$ 509,410	\$	533,844	\$	545,759	\$	560,580	\$	603,063	\$ 611,707	\$	627,715
Net Risk-Weighted Assets (Regulatory)	\$ 4,106,423	\$4,209,145	\$ 4,292,495	\$ 4,469,765	\$	4,695,073	\$	4,865,157	\$	4,956,737	\$	5,247,617	\$ 5,355,827	\$	5,511,55
Common Equity Tier 1 Capital Ratio (Regulatory)	10.86%	11.00%	11.16%	11.40%		11.37%		11.22%		11.31%		11.49%	11.42%		11.39%

*Includes net unrealized gains or losses on securities available for sale, net gains or losses on cash flow hedges, and amounts resulting from the application of the applicable accounting guidance for defined benefit and other postretirement plans.

27

www.firstmerchants.com



Appendix – Non-GAAP Reconciliation

TANGIBLE COMMON EQUITY RATIO (dollars in thousands):

	_	2Q14	 3Q14	4Q14		1Q15	2Q15		3Q15		4Q15		1Q16		2Q16
Total Stockholders' Equity (GAAP)	\$	670,596	\$ 684,553	\$ 726,827 \$	3	739,658	\$ 749,955 \$	5	766,984	\$	850,509	\$	867,263	\$	887,550
Less: Preferred Stock		(125)	(125)	(125)		(125)	(125)		(125)		(125)		(125)		(125)
Less: Intangible Assets, net of tax	-	(196,781)	(196,315)	(212,669)		(212,184)	(214,577)		(214,115)		(253,486)		(255,046)	_	(254,368)
Tangible Common Equity (non-GAAP)	\$	473,690	\$ 488,113	\$ 514,033 \$	5	527,349	\$ 535,253 \$	5	552,744	\$	596,898	\$	612,092	\$	633,057
Total Assets (GAAP)	\$	5,615,120	\$ 5,591,383	\$ 5,824,127 \$	\$ 5	5,877,521	\$ 6,140,308	\$	6,189,797	\$	6,761,003	\$	6,798,539	\$	6,906,418
Less: Intangibles, net of tax	-	(196,781)	(196,315)	(212,669)		(212,184)	(214,577)		(214,115)	_	(253,486)	_	(255,046)	_	(254,368)
Tangible Assets (non-GAAP) Tangible Common Equity Ratio (non-GAAP)	\$	5,418,339 8.74%	\$ 5,395,068 9.05%	\$ 5,611,458 \$ 9.16%	\$ 5	5,665,337 9.31%	\$ 5,925,731 \$ 9.03%	\$	5,975,682 9.25%	\$	6,507,517 9.17%	\$	6,543,493 9.35%	\$	6,652,050 9.52%

TANGIBLE COMMON EQUITY PER SHARE (dollars in thousands):

	1015		2Q15		3Q15		4Q15		1Q16			2Q16
Total Stockholders' Equity (GAAP)	\$	739,658	\$	749,955	\$	766,984	\$	850,509	\$	867,263	\$	887,550
Less: Preferred Stock		(125)		(125)		(125)		(125)		(125)		(125)
Less: Intangible Assets, net of tax	<u> </u>	(212,184)		(214,577)		(214,115)		(253,486)		(255,046)		(254,368)
Tangible Common Equity (non-GAAP)	\$	527,349	\$	535,253	\$	552,744	\$	596,898	\$	612,092	\$	633,057
Shares Outstanding		37,781,488		37,824,649		37,873,921	4	0,664,258	4	0,749,340	4	0,772,896
Tangible Common Equity per Share (non-GAAP)	\$	13.96	\$	14.15	\$	14.59	\$	14.68	\$	15.02	\$	15.53

www.firstmerchants.com

THE STRENGTH OF BIG. THE SERVICE OF SMALL.



Appendix – Non-GAAP Reconciliation

EFFICIENCY RATIO	(dollars in thousands):
-------------------------	-------------------------

Erricience namo (donars in thousands).			2014		20	15	1Q16		2016
Non Interest Expense (GAAP)	_	\$ 10	54,008	\$	174,8		46,475	\$	44,835
Less: Core Deposit Intangible Amortization			2,445)		(2,8		(978)		(977)
Less: OREO and Foreclosure Expenses		i	3,462)		(3,9		(751)		(915)
Adjusted Non Interest Expense (non-GAAP)	_		58,101		168,0		44,746		42,943
Net Interest Income (GAAP)		18	37,037		196,4	104	54,455		55,962
Plus: Fully Taxable Equivalent Adjustment	_		7,921		10,9	975	3,136		3,256
Net Interest Income on a Fully Taxable Equivalent Basis (non-GAAP)		19	94,958		207,3	379	57,591		59,218
Non Interest Income (GAAP)		(51,816		69,8	368	15,837		16,385
Less: Investment Securities Gains (Losses)	_	(3,581)		(2,6	70)	(997)		(706
Adjusted Non Interest Income (non-GAAP)		5	58,235		67,1	98	14,840		15,679
Adjusted Revenue (non-GAAP)	_	25	53,193		274,5	577	72,431		74,897
Efficiency Ratio (non-GAAP)		6	2.44%		61.1	9%	61.78%		57.33%
ALLOWANCE AS A PERCENTAGE OF NON-PURCHASED LOANS (dollars in thousands):									
		2Q15		3Q15		4Q15	1Q16		2Q16
Loans Held for Sale (GAAP)	\$	8,295	\$	1,943	\$	9,894	\$ 3,628	\$	18,854
Loans (GAAP)		4,238,205	-	4,321,715		4,693,822	4,709,907		4,791,429
Total Loans		4,246,500		4,323,658		4,703,716	4,713,535		4,810,283
Less: Purchased Loans		(687,096)	-	(636,581)		(917,589)	(870,507)		(821,158
Non-Purchased Loans (non-GAAP)	\$	3,559,404	\$	3,687,077	\$	3,786,127	\$ 3,843,028	\$	3,989,125
Allowance for Loan Losses (GAAP)	\$	62,550	\$	62,861	\$	62,453	\$ 62,086	\$	62,186
Fair Value Adjustment (FVA) (GAAP)		40,710	<u>i</u>	37,922		47,057	47,104		42,291
Allowance plus FVA (non-GAAP)	\$	103,260	\$	100,783	\$	109,510	\$ 109,190	\$	104,477
Total Loans	\$	4,246,500	\$	4,323,658	\$	4,703,716	\$ 4,713,535	\$	4,810,283
Fair Value Adjustment (FVA) (GAAP)	52252	40,710	2 - <u> </u>	37,922		47,057	47,104	6785	42,291
Total Loans plus FVA (non-GAAP)	\$	4,287,210	\$	4,361,580	\$	4,750,773	\$ 4,760,639	\$	4,852,574
Allowance as a Percentage of Non-Purchased Loans (non-GAAP)		1.76%		1.70%		1.65%	1.62%		1.56%
Allowance plus FVA as a Percentage of Total Loans plus FVA (non-GAAP)		2.41%		2.31%		2.31%	2.29%		2.15%

www.firstmerchants.com

THE STRENGTH OF BIG. THE SERVICE OF SMALL.