First Midwest Bancorp, Inc.

Keefe, Bruyette & Woods Investment Conference

July 27, 2010

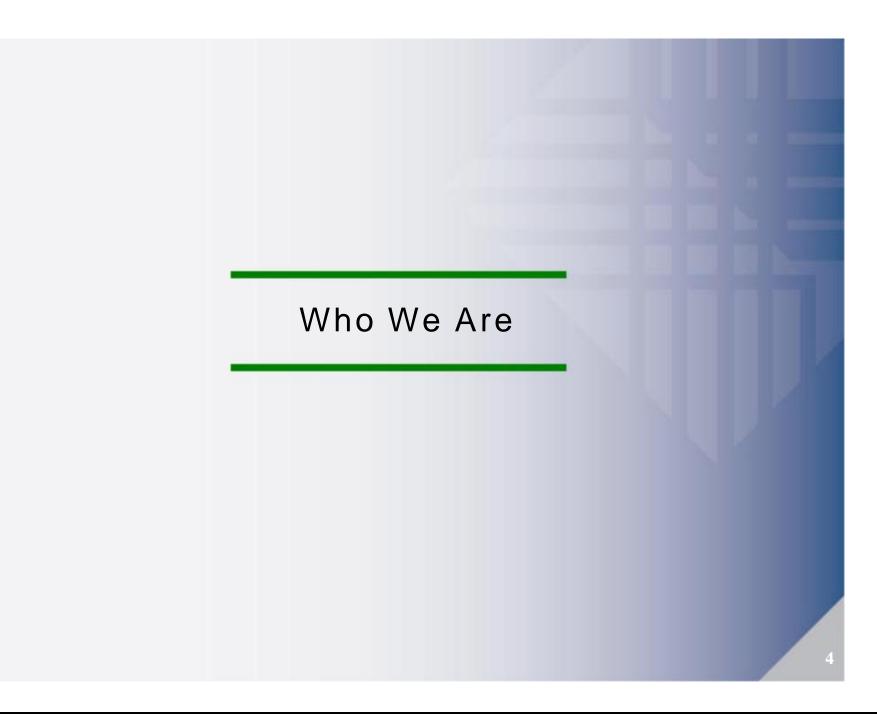
Forward Looking Statements & Additional Information

This presentation may contain, and during this presentation our management may make statements that may constitute "forward-looking statements" within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are not historical facts but instead represent only our beliefs regarding future events, many of which, by their nature, are inherently uncertain and outside our control. Forward-looking statements include, among other things, statements regarding our financial performance, business prospects, future growth and operating strategies, objectives and results. Actual results, performance or developments could differ materially from those expressed or implied by these forward-looking statements. Important factors that could cause actual results to differ from those in the forward-looking statements include, among others, those discussed in our Annual Report on Form 10-K, the preliminary prospectus supplement and other reports filed with the Securities and Exchange Commission, copies of which will be made available upon request. With the exception of fiscal year end information previously included in the audited financial statements in our Annual Report on Form 10-K, the information contained herein is unaudited. Except as required by law, we undertake no duty to update the contents of this presentation after the date of this presentation.

The Company's accounting and reporting policies conform to U.S. generally accepted accounting principles ("U. S. GAAP") and general practice within the banking industry. As a supplement to GAAP, the Company has provided non-GAAP performance results. The Company believes that these non-GAAP financial measures are useful because they allow investors to assess the Company's operating performance. Although the non-GAAP financial measures are intended to enhance investors' understanding of the Company's business and performance, these non-GAAP financial measures should not be considered an alternative to GAAP.

First Midwest Presentation Index

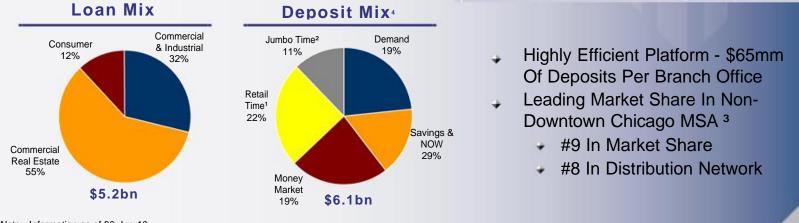
- Who We Are
- Operating Performance
- Credit And Capital
- Market Opportunities
- Why First Midwest



Overview Of First Midwest

- Headquartered In Suburban Chicago
- \$7.8bn Assets
 - \$5.2bn Loans
- \$6.1bn Deposits
 - ✤ 69% Transactional
- \$4.0bn Trust Assets





Note: Information as of 30-Jun-10.

¹ Defined as time deposits less than \$100,000.

² Defined as time deposits greater than \$100,000.

³ Source: SNL Financial. Non-downtown ranking and market share based on total deposits in Chicago MSA less deposits in the city of Chicago. Data as of 31-Dec-09

⁴ Based on average deposit mix as of 30-Jun-10

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Operating Performance

Second Quarter Results

| Key Metrics | 2Q10 | 2Q09 | | |
|---------------------------------|----------|----------|--|--|
| Net Income | \$7.8mm | \$2.7mm | | |
| Pre-Tax, Pre-Provision Earnings | \$33.0mm | \$31.8mm | | |
| Net Interest Margin | 4.21% | 3.53% | | |
| Efficiency Ratio | 57.9% | 61.5% | | |
| Loans a | \$5.2bn | \$5.3bn | | |
| Avg. Transactional Deposits | \$4.3bn | \$3.7bn | | |

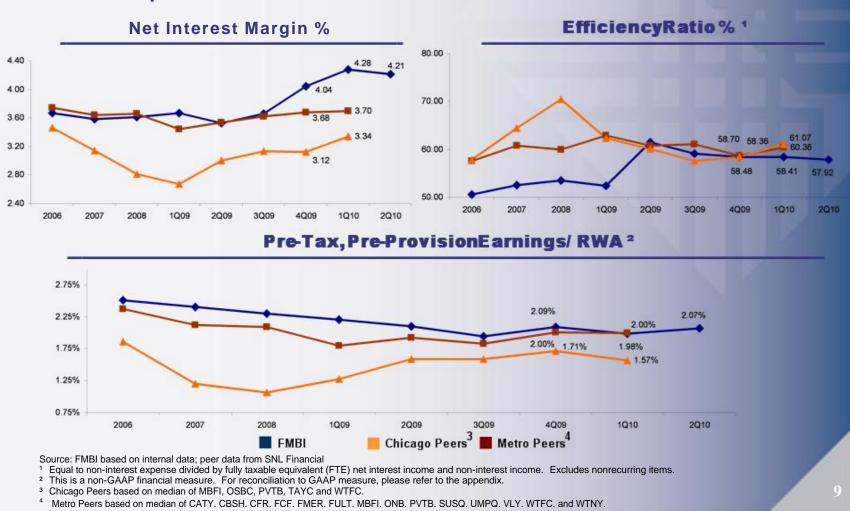
¹ This is a non-GAAP financial measure. For reconciliation to GAAP measure, please refer to the appendix.

² Excludes \$226mm of covered loans acquired in First DuPage FDIC-assisted transaction in 4Q09. Also excludes \$56mm of covered loans acquired in Peotone FDIC-assisted transaction in 2Q10.

Second Quarter Highlights

- Lending Offset By Remediation
 - ✤ C&I up 11% Annualized Vs. 1Q10
- Top Line Revenue Growth
 - Margin 4.21%; Improved Fee-based Revenues
- Improved Credit Metrics
- Ample Credit And Liquidity

Comparison To Peers



Strengthening Our Sales Platform

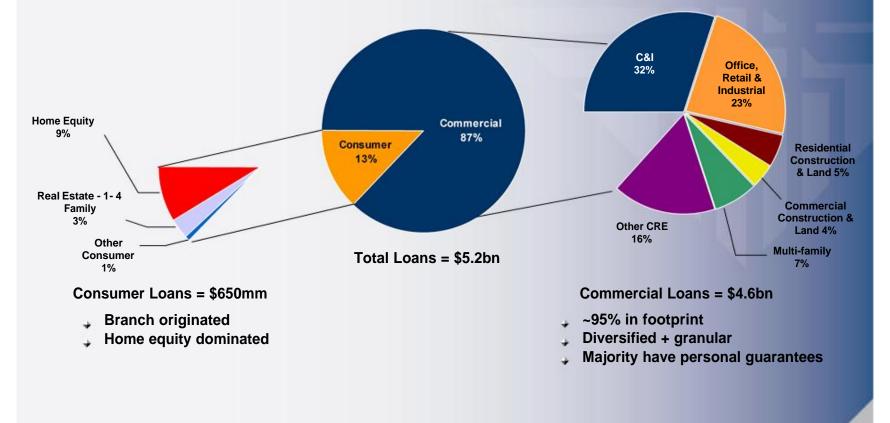
Sales Team

- Adding Depth And Resources
- Training
- Internet Enhancement

Product Alignment

Credit And Capital





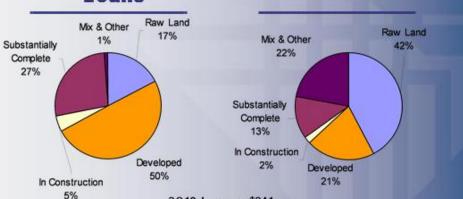
People we know, businesses we know, markets we understand

Note: Loan data as of 30-Jun-10. Excludes \$226mm of covered loans acquired in First DuPage FDIC-assisted transaction in 4Q09. Also excludes \$56mm of covered loans acquired in Pietotone FDIC-assisted transaction in 2Q10.

Residential Construction

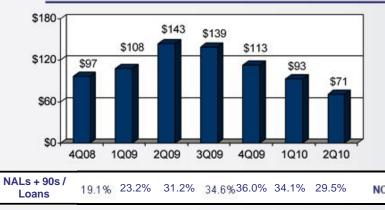
| | Performing | Non- Performing |
|--------------------------|------------|--------------------|
| Size of Portfolio (\$mm) | \$170 | \$71 |
| Avg. Loan Size (\$000s) | \$571 | \$1,321 |
| Loans > \$5mm | 3 | 3 |
| % of Loans In-Market | 96% | 100% |
| % with Current Appraisal | 70% | 97% |

Performing Loans



2Q10 Loans = \$241mm

Non-Accrual Loans + 90s (\$mm)



Net Charge-Offs (\$mm)

Non-Performing

Loans

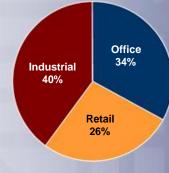


Note: Portfolio data as of 30-Jun-10.¹ Annualized

5%

Office, Retail & Industrial

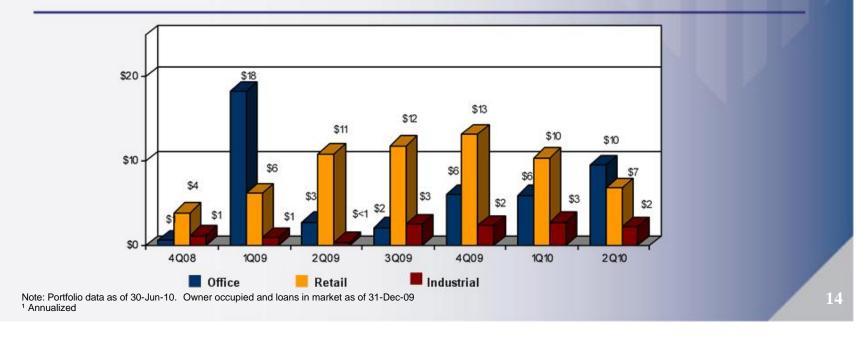
| | Office | Retail | Industrial |
|--------------------------|--------|--------|------------|
| Size of Portfolio (\$mm) | \$416 | \$311 | \$494 |
| Avg. Loan Size (000s) | \$835 | \$841 | \$885 |
| Loans > \$5mm | 18 | 9 | 14 |
| Owner Occupied | 30% | 20% | 40% |
| % of Loans In-Market | 93% | 96% | 96% |



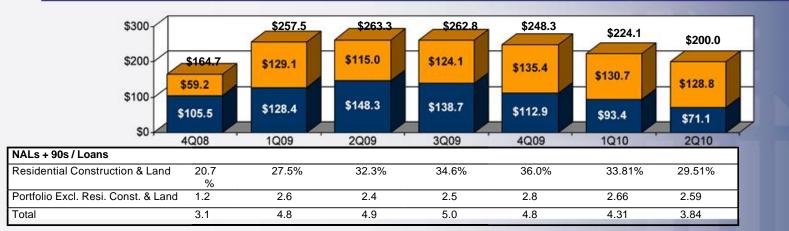
23%

2Q10 Loans: \$1.2bn



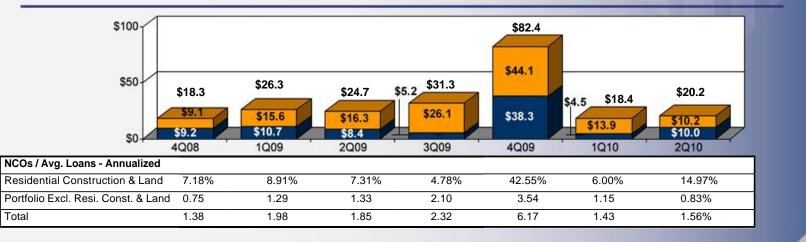


Historical Credit Performance



Non-Accrual Loans + 90s

Net Charge-Offs



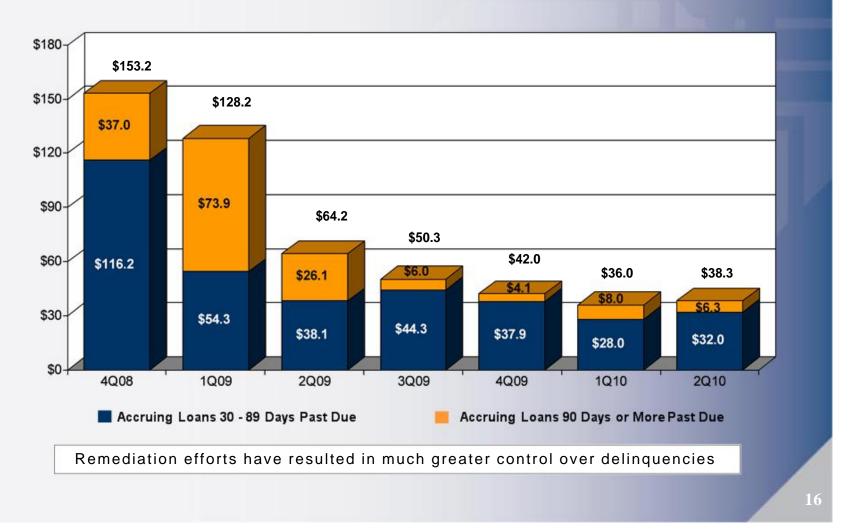
Residential Construction & Land

Portfolio Excl. Residential Construction & Land

Note: Excludes \$226mm of covered loans acquired in First DuPage FDIC-assisted transaction in 4Q09. Also excludes \$56mm of covered loans acquired in Peotone FDIC-assisted transaction in 2Q10.

Delinquency Trends

(\$ in millions)

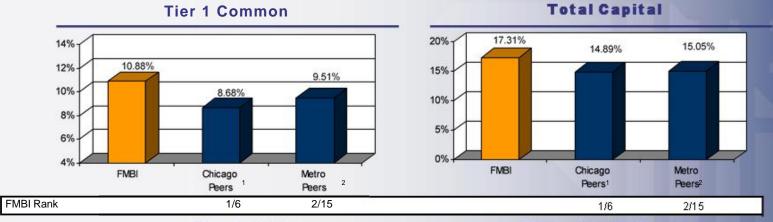


Addressing Reality of Credit Cycle

- Problems Concentrated In Residential Construction
 - Reflects Illiquidity Of Suburban Market
 - Performance Influenced By Sales And Property Values
- Investment In Remediation
- NPA Inflows Stabilizing; Shifting To Liquidation
 - Progress Influenced By Market Liquidity
 - 30 89 Day Delinquencies Down 16% From 2Q09
 - Adjusting Carrying Values To Market And Disposition Strategy

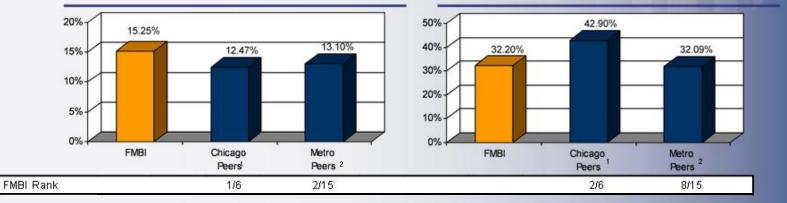
Leading Capital Foundation

First Midwest vs. Peers



Tier 1 RBC

NPA + 90 / TCE + LLR



Source: company data and SNL Financial. FMBI as of a 30-Jun-10 and other companies as of 31-Mar-10. FMBI Tier 1 Common excludes equity credit allocated to TARP warrants. ¹ Chicago Peers based on median of MBFI. OSBC. PVTB. TAYC and WTFC.

² Metro Peers based on median of CATY, CBSH, CFR, FCF, FMER, FULT, MBFI, ONB, PVTB, SUSQ, UMPQ, VLY, WTFC, and WTNY.

Market Opportunities

Market Disruption

- Environment Creates Opportunities
- Within Chicago Market
 - 25 Failures Since Start Of 2009
 - 35 Institutions (\$24 Billion) With Texas Ratio > 100%

Well Positioned To Benefit

- Strong Capital Position
- Solid Reputation: In Marketplace 70+ Years
- Tenured Sales Force
- Experienced Management





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Acquisition Opportunities

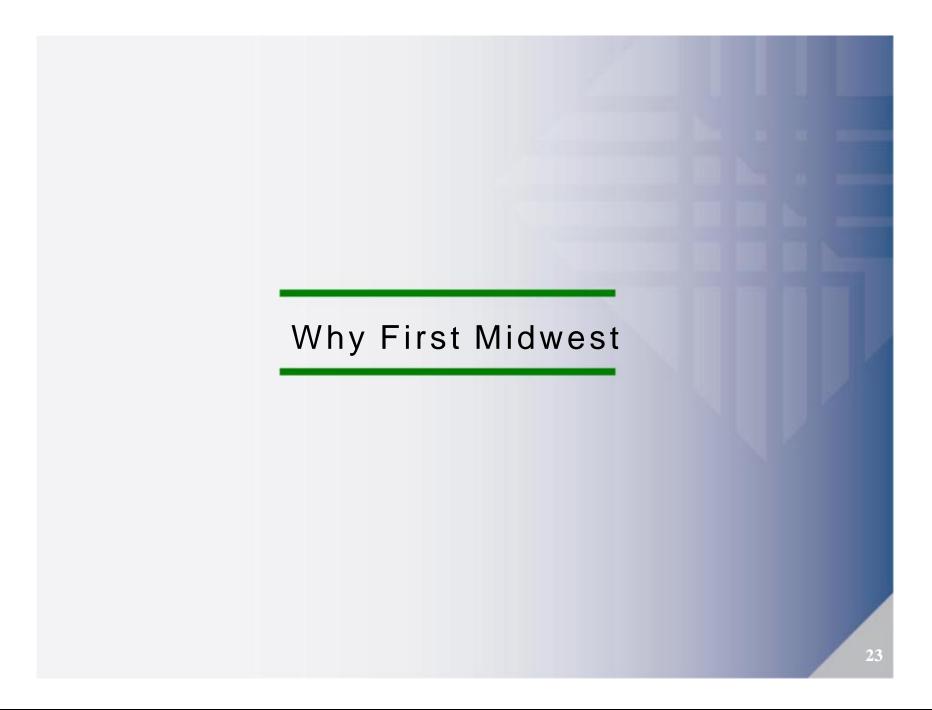
- Selective Criteria
 - Strategically And Financially Accretive
- Ability To Strengthen The Company
- Leverages Our Skills
 - Local Market Knowledge
 - Experienced And Successful Acquirer
 - ✤ 6 Deals, \$2.2bn Since 2003
- FDIC Becoming More Competitive
 - Deals Likely Smaller
 - Eventual Shift From Assisted To Unassisted

Acquisitions Made

| Acquisition | Date | Deposits | | Retention | Loans | Branch | Pre-Tax Gain |
|---------------------------|------|----------|-----|-----------|-------|--------|-----------------|
| First DuPage | 4Q09 | \$229 | 26% | 90% | \$226 | 1 | \$13 |
| Peotone Bank And Trust | 2Q10 | \$84 | 49% | 100% | \$56 | 2 | \$4 |
| Total | | \$313 | | | \$282 | 3 | \$17 |

Expanded Footprint, Financially Accretive, Stronger Deposit Base

All dollar amounts in millions (1) Defined as total deposits less time deposits



Priorities for 2010

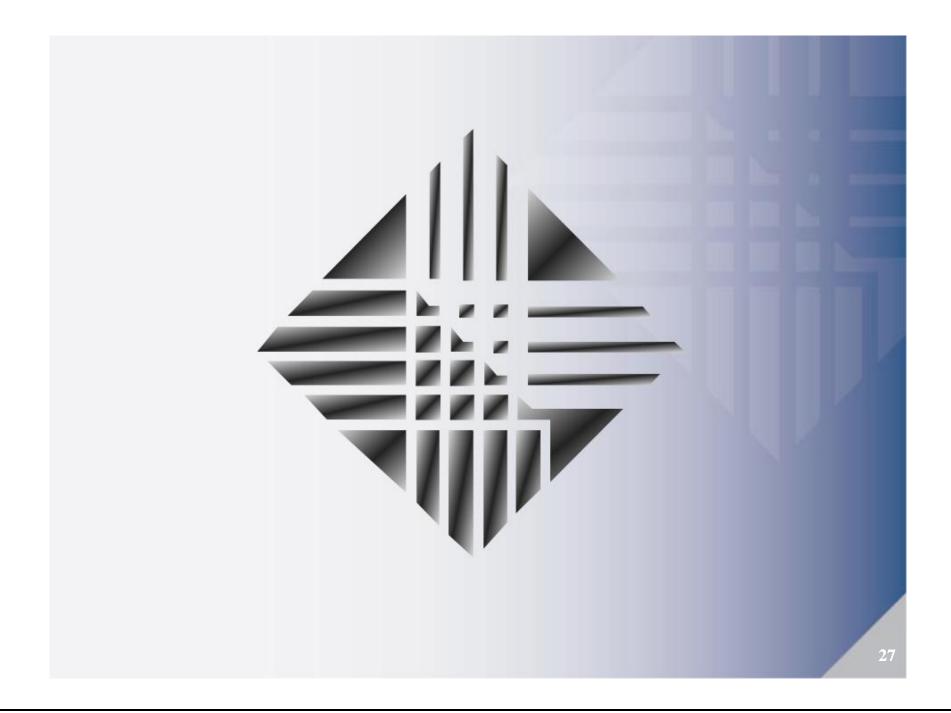
- Position For Long-term Success
 - Investment In Sales
 - Expand Market Presence
 - Pursue Growth Opportunities
- Manage Through Credit Cycle
 - Continued Remediation Focus
 - NPA Trends Slower, With Declines Dependent Upon Liquidation Success And Incremental Stress In CRE
- Manage Capital And Changing Regulatory Environment

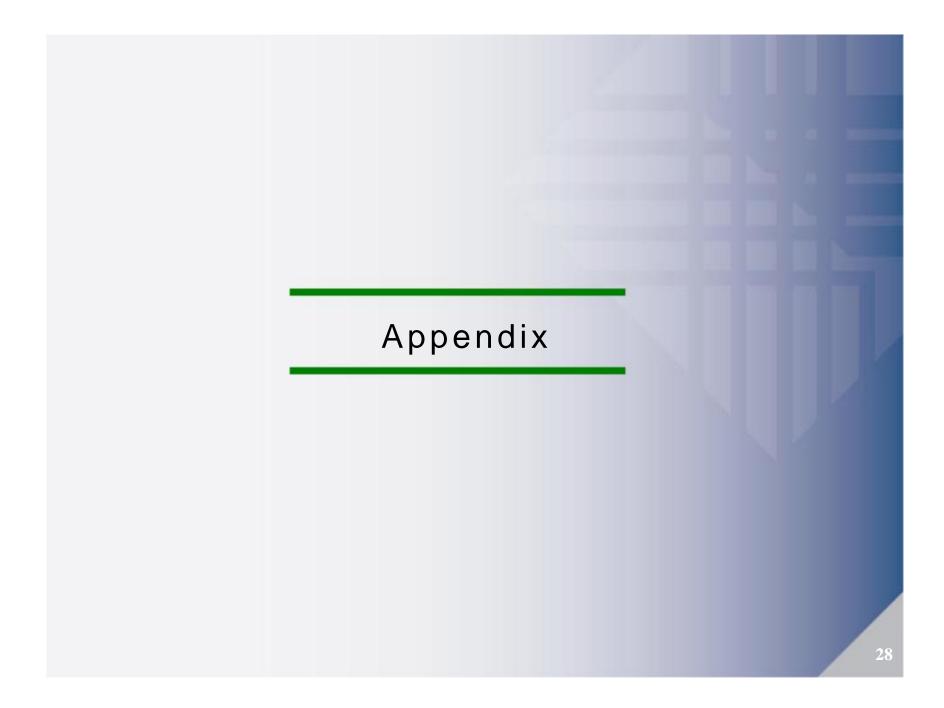
Why First Midwest

- Strong Core
- Working Through Cycle
- Solid Capital; Liquidity
- Experienced Team
- Market Opportunities Available

Positioned For Long-term Success







Reconciliation of Non-GAAP Measures

(\$ in 000s)

| First Midwest Bancorp, Inc. | Press Release Dated July 21, 2010 |
|-----------------------------|-----------------------------------|
|-----------------------------|-----------------------------------|

Pre-Tax, Pre-Provision Core Operating Earnings

Unaudited

(Dollar amounts in thousands)

| | Quarters Ended | | | | | | |
|---|----------------|------------------|----------|-------------------|---|------------------|--|
| Income (loss) before taxes | | June 30, 2010 | | March 31, 2010 | | June 30, 2009 | |
| | | 7,948 | \$ | 8,436 | s | (3,710) | |
| Provision for loan losses | | 21,526 | | 18,350 | | 36,262 | |
| Pre-tax, pre-provision earnings | | 29,474 | | 26,786 | | 32,552 | |
| Non-Operating Items | | | | | | | |
| Securities gains (losses), net | | 1,121 | | 3,057 | | 6,635 | |
| Gains on FDIC-assisted transaction | | 4,303 | | - | | - | |
| Losses realized on other real estate owned | | (8,924) | | (7,879) | | (2,387) | |
| FDIC special deposit insurance assessment | | | | - | | (3,500) | |
| Total non-operating items | | (3,500) | | (4,822) | | 748 | |
| Pre-tax, pre-provision core operating earnings | \$ | 32,974 | <u>s</u> | 31,608 | s | 31,804 | |
| Risk-weighted assets | \$ | 6,362,015 | \$ | 6,381,679 | s | 6,335,010 | |
| Pre-tax, pre-provision core operating earnings to risk-weighted assets | | 2.07% | | 1.98% | | 2.01% | |