

Annual Meeting of Shareholders May 22, 2013

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Safe Harbor Statement

This presentation includes "forward looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. We intend such forward-looking statements to be covered by the Safe Harbor Provision and are including this statement for the purpose of such Safe Harbor Provision of the Private Securities Litigation Reform Act of 1995.

Such forward-looking statements include, but are not limited to, statements concerning future business, revenue and earnings. These statements are not historical facts or guarantees of future performance, events or results. There are risks, uncertainties and other factors that could cause the actual results of the Company to differ materially from the results expressed or implied by such forward-looking statements. Information on factors that could affect the Company's business and results is discussed in the Company's periodic reports filed with the Securities and Exchange Commission. Forward looking statements speak only as of the date they are made. The Company undertakes no obligation to publicly update or revise forward looking information, whether as a result of new, updated information, future events or otherwise.



Lake Shore Bancorp Inc. Stock Profile

Market Data (as of May 17, 2013) - (Source - NASDAQ)

➤ Ticker Symbol LSBK

> 52 - week Range \$ 8.55 - \$14.69

> Current Price \$11.75

➤ Market Capitalization \$26.8 million

Minority Shares Outst .
2.3 million shares

➤ 50 Day Avg. Trading Vol. 349 shares

➤ Annual Cash Dividend \$0.28 per share

➤ Dividend Yield 2.38%

Ownership (as of 3/31/2013)

❖ Mutual Holding Company (Lake Shore, MHC)61.4%

❖ Insiders (including directors, 8.3% executives, and ESOP plan)

❖ Institutional
 ❖ Other
 14.5%
 15.8%



Lake Shore Savings Fast Facts

- **Lake Shore Savings has been in business** for over 122 years.
- **As of March 31, 2013**

✓ Total Assets \$488.2 million

✓Total Deposits \$384.3 million

✓ Total Loans Receivable, net \$272.1 million

***11** branch locations throughout Chautauqua and Erie Counties.



Loan Originations 2012

2012 New Loans

(\$'s in millions)		
Residential Mortgage - New & Modified	\$ 32.31	
Commercial Mortgage - New & Modified	17.13	
Commercial Loans	5.11	
Home Equity Loans	7.31	
Consumer Loans	0.47	
Total New Loans in 2012	\$ 62.33	million

Our strategy is to originate and serve.



2012 Deposits and Earnings

▶ Deposits as of December 31, 2012 equaled \$378.5 million

12.6% Growth in Core Deposits (includes all deposits except time deposits)

Core Deposits 2011 \$ 159.9 million

Core Deposits 2012 \$ 180.0 million

> Earnings of \$3.626 million in 2012



Operational and Strategic Review

- > Regulatory Update.
- >Fundamental Banking Practices.
- >2012 Operational Highlights.
- **≥2013** and Beyond.
- >2012 Equity Incentive Plan.

Regulatory Oversight

> OCC is the Primary Regulator of Lake Shore Savings Bank.

Federal Reserve is the Primary Regulator of: Lake Shore Bancorp, Inc. Lake Shore, MHC



Regulatory Environment 2013

- **Continued Implementation of Regulations**□OCC
 - **DFDIC**
 - **□**CFPB
 - ☐ The Federal Reserve
 - ☐ The State of New York



Fundamental Banking Practices

- **≻**Corporate Mission
- **▶** Board of Directors and Management are Proactive
- **≻**Comprehensive Strategic Planning
- **➤** Sound Policies and Procedures
- **≻**Effective Risk Management Systems
- **≻**High Levels of Capital

2012 Operational Highlights

➤New Branch Location:

- □November 2012 Acquired New Branch Building □4950 Main Street, Snyder, New York
- □ Opened April 2013, Total Deposits of \$4.7 million as of May 17, 2013
- □Branch Specific Advertising Campaign: "Growing to be your Bank!"
- □Re-Tree WNY

2012 Operational Highlights (cont.)

> Clicks Instead of Bricks

- □ Redesigned Website- Increased Accessibility

 Tablets
 - **Smart Phones Traditional Devices**
- □ Implementation of Social Media Strategy
- **□On-Line Mortgage Application**
- □ Core Systems Provider Contract Negotiations Reduced pricing Enhanced services



2012 Operational Highlights (cont.)

- >Completed the Implementation of ...
 - **✓** Human Resource Information System
 - **✓ Vendor Compliance Software**
 - **✓** AML/BSA Tracking Software
 - **✓Interest Rate Risk Modeling**

2012 Operational Highlights (cont.)

> Commercial Division Activities

- ✓ Growth of the Commercial Lending Portfolio
- **✓** Originations Totaled \$22.2 Million
- **✓**Portfolio Grew to \$71.3 Million
- **✓ The Right Kind of Interest.**

2013 and Beyond

- **➤ Digital Banking Initiative, Efficiencies**
- > Continued Growth- Commercial Loan Portfolio
- ➤ Enterprise Risk Management; Identify, Measure, Monitor and Control
- >Mitigation of Interest Rate Risk
- > Sales Education Best Practices
- **≻Dividend Waiver**
- >Myriad of Regulatory Changes
 - >ALLL
 - **≻Basel III Capital**
- >Protecting the Shareholders' Investment in LSBK!



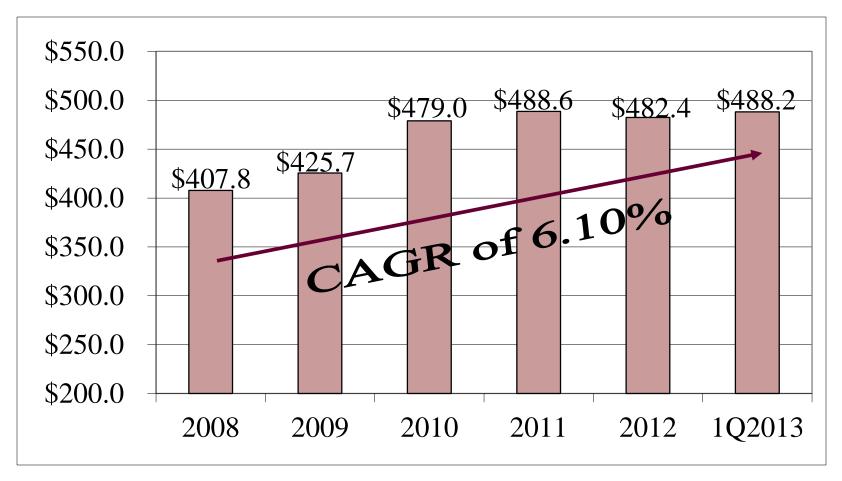


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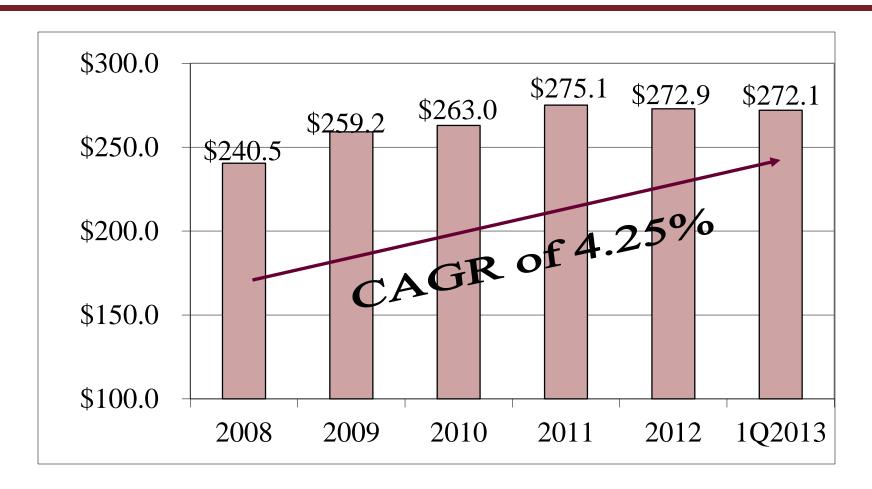
Rachel Foley Chief Financial Officer

Lake Shore Bancorp, Inc.

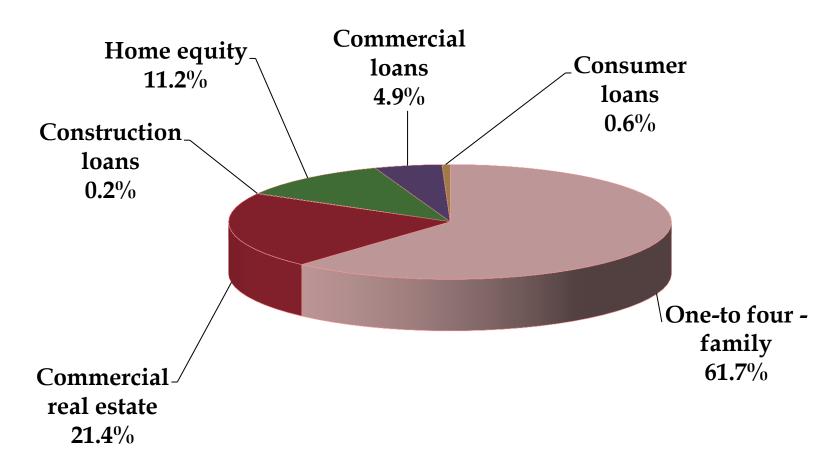
Total Assets (\$ in millions)



Loans, net (\$ in millions)

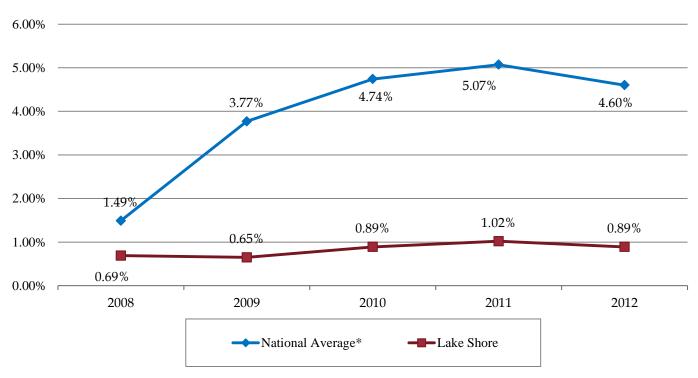


Loan Composition (as of March 31, 2013)



Non-performing Loans as a Percentage of Loans

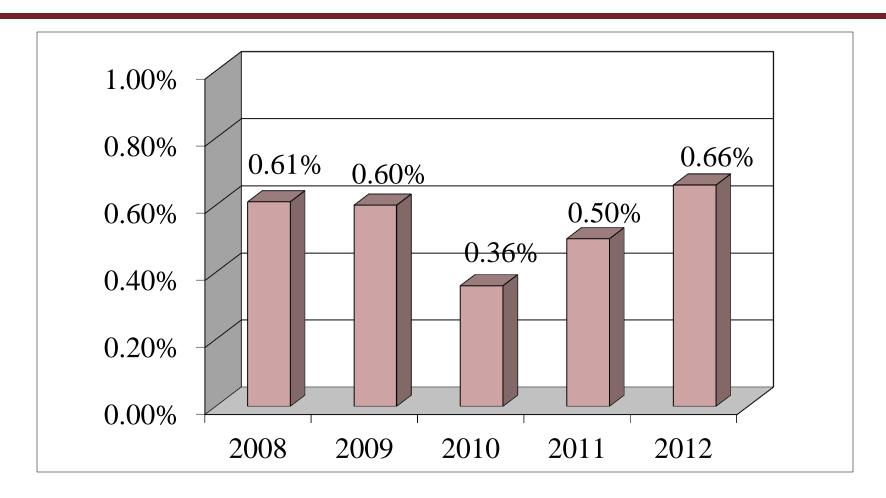
Source: SNL.com



^{*}Average of publicly traded banks throughout the U.S. under \$1 billion in total assets.

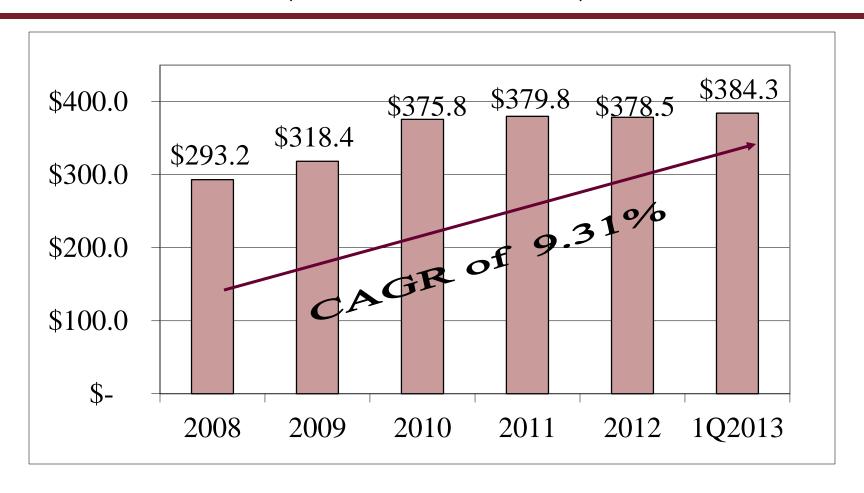


Loan Loss Reserves as a Percentage of Loans

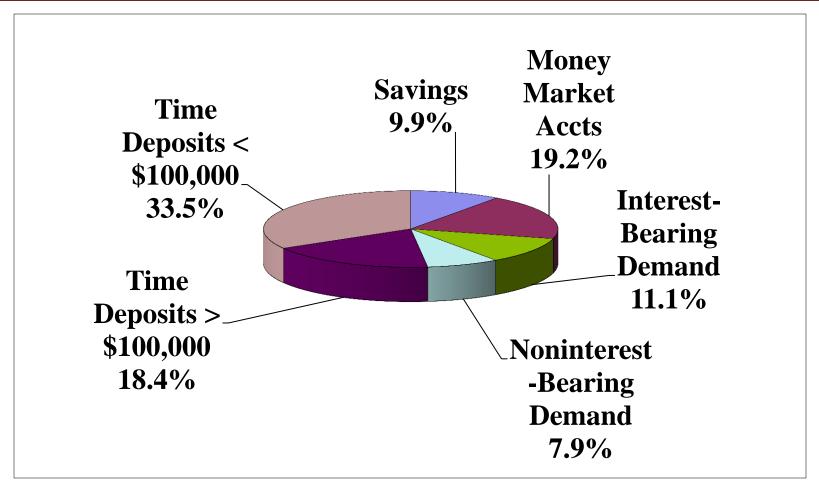




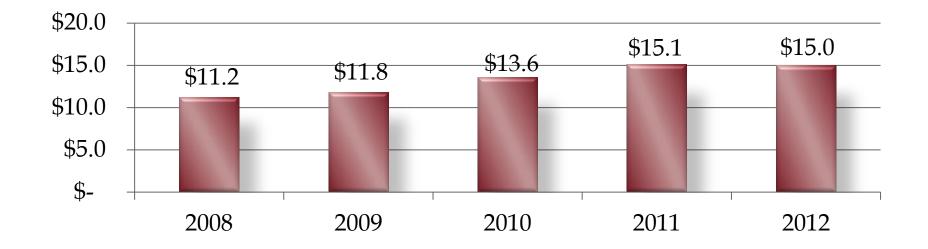
Total Deposits (\$ in millions)



Deposit Composition (as of March 31, 2013)

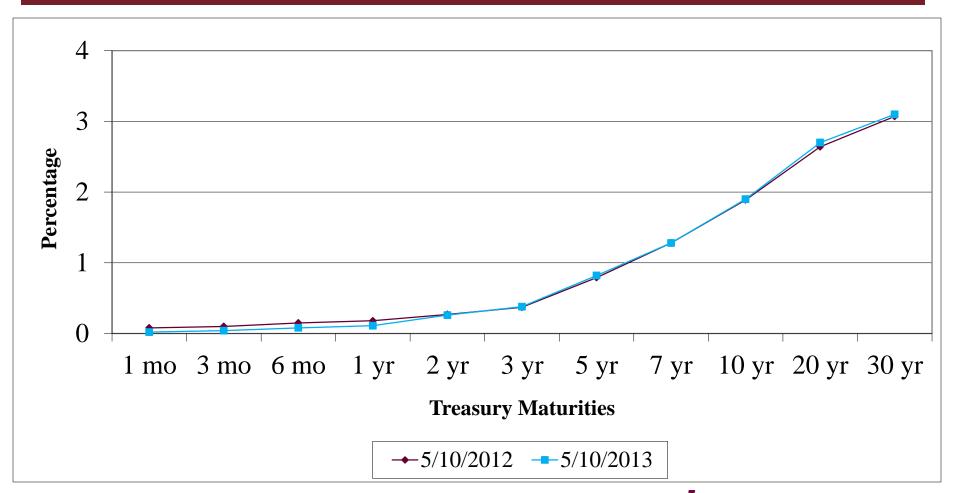


Net Interest Income (\$ in millions)

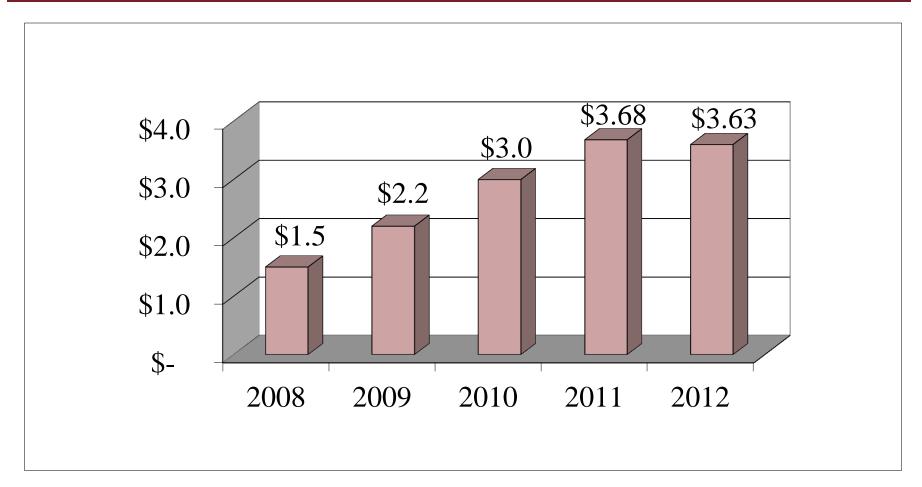




Treasury Yield

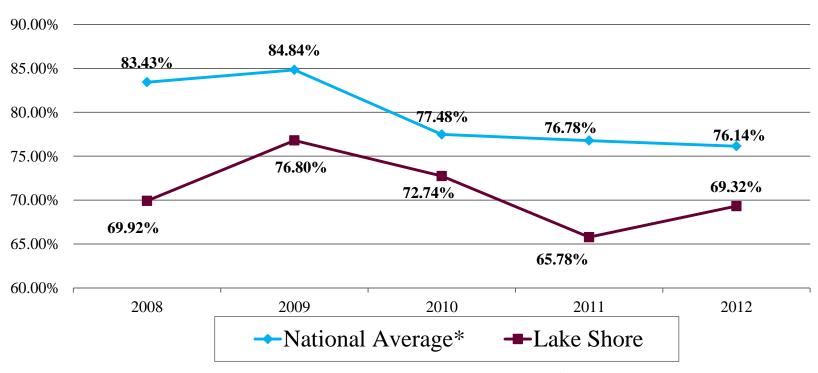


Net Income (\$ in millions)



Efficiency Ratio

Source: SNL.com



^{*}Average of publicly traded banks throughout the U.S. under \$1 billion in total assets .



Regulatory Capital Requirements

Actual Amount Ratio

To be Well Capitalized under Prompt Corrective Action Provisions

Amount Ratio

(Dollars in Thousands)

As of December 31, 2012:

Total capital (to risk-weighted assets)
Tier 1 capital (to adjusted total assets)
Tangible equity (to tangible assets)

Tier 1 capital (to risk-weighted assets)

As of December 31, 2011:

Total capital (to risk-weighted assets)
Tier 1 capital (to adjusted total assets)
Tangible equity (to tangible assets)
Tier 1 capital (to risk-weighted assets)

·	
\$59,144	23.77%
57,343	12.14
57,343	12.14
57,343	23.04

\$54,773	21.81%
53,420	11.18
53,420	11.18
53,420	21.27

\$≥24,883	≥10.0%
≥23,609	≥5.0
N/A	N/A
≥14,930	≥6.0

\$≥25,118	≥10.0%
≥23,881	≥5.0
N/A	N/A
≥15,071	≥6.0

Lake Shore Bancorp, Inc.

1st Quarter 2013 Balances vs. 2012 Year End Balances

- **➤ Total Assets up \$5.8 million**
 - Cash & Cash Equivalents up \$6.7 million
 - **❖Investments up \$747 thousand**
 - Increases primarily due to increased deposits.
 - **❖Loans, net down \$839 thousand**
 - **■**Decrease primarily due to strategic decision made by the Company not to match lower competitor rates in an effort to avoid increased interest rate risk related to long-term, fixed rate residential real estate loans.
- **➣**Total Deposits up \$5.7 million
 - **❖Increases in savings and money market accounts.**



1st Quarter 2013 vs. 1st Quarter 2012 Results

≻Net Income

♦\$906 thousand - 1st quarter 2013, a 10%, or \$101,000 decrease over same period in 2012.

Decrease primarily due to:

- **♦**\$419,000 decrease in interest income
- **\$ \$80,000** increase in provision for loan losses
- **❖** \$36,000 increase in non-interest expenses
- **\$6,000** decrease in non-interest income

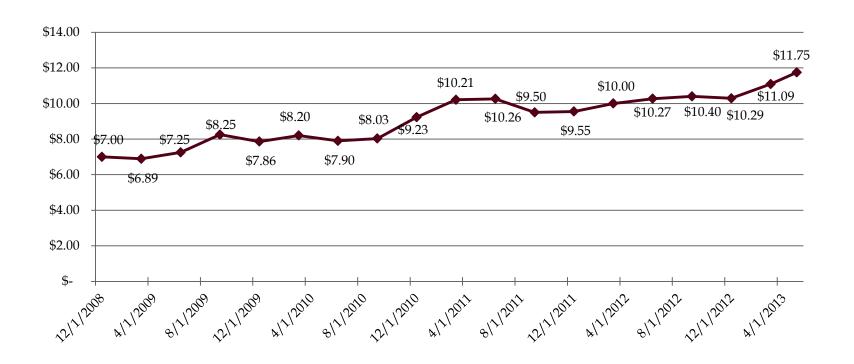


1st Quarter 2013 vs. 1st Quarter 2012 Results (cont.)

- > Decrease offset by:
 - *\$353,000 decrease in interest expense paid on our deposits and borrowings due to low interest rates.
 - * \$87,000 decrease in income tax expense.
- > Asset Quality remains strong
 - **❖Nonperforming Loans as a % of Net Loans 0.93%**

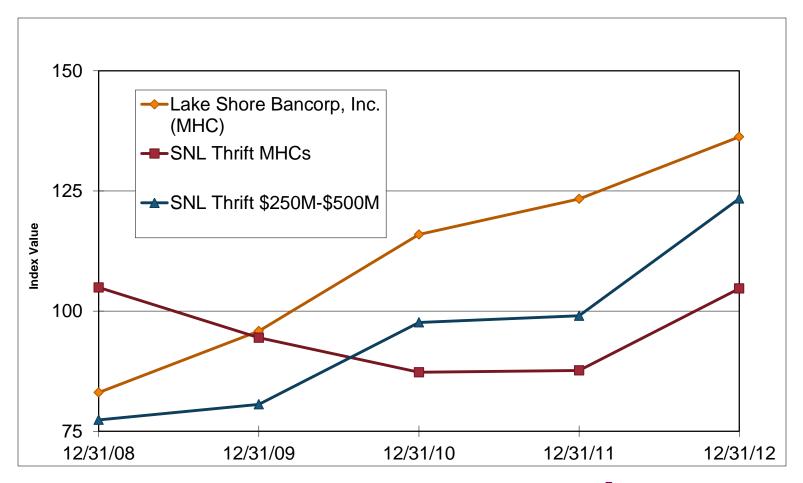
LSBK Closing Stock Price December 31, 2008 thru May 17, 2013

Source: Nasdaq.com



Lake Shore Bancorp, Inc. Total Return

Source: SNL.com



Conclusion

Questions?

Thank you for your continued confidence in Lake Shore Bancorp, Inc.!

