

ANNUAL REPORT

Kentucky

Bancshares, Inc.



TO OUR SHAREHOLDERS

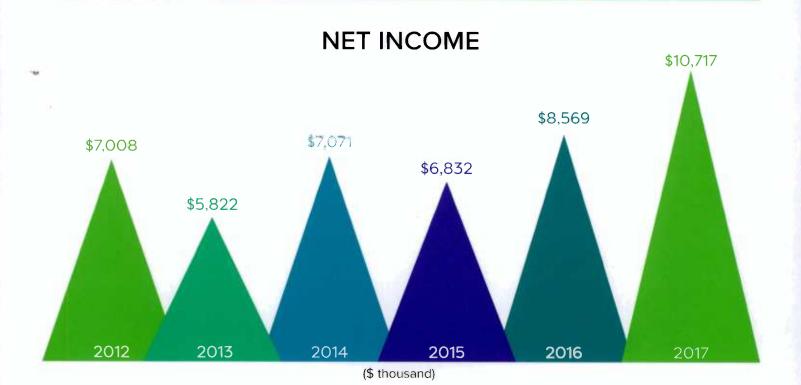
The year of 2017 was a productive and successful year for your company. We attained record earnings of \$10.7 million, a 25.1% increase over 2016, and also record earnings per share, on a diluted basis, of \$3.61. This was a 25.8% improvement over the previous year. Total assets as of December 31, 2017 were \$1.05 billion which was another record high for your company.

The increase in year-to-date net income from prior year was driven by the following factors: an increase in net interest income primarily due to higher securities balances, a decrease in provision for loan loss expense due to declining loan balances and stable asset quality, along with an increase in other income largely due to a gain on the sale of a building located in Winchester, Kentucky. These increases in income were partially offset by an increase in tax expense due to higher income and the signing of the Tax Cuts and Jobs Act on December 22, 2017. The new tax bill resulted in a deferred tax asset adjustment and an adjustment to tax credit investments. Both of those adjustments resulted in a slight, one time lowering of net income for 2017. Going forward, the tax bill, as it is currently written, will reduce our statutory tax rate starting in 2018. We look forward to identifying ways to invest those savings in our four main stakeholder groups – shareholders, customers, employees, and communities.

During 2017, we increased the breadth of our services by launching two new products - Positive Pay to our commercial customers and Card Valet to our consumer and small business customers. We also worked successfully to improve asset quality while focusing on cost management and efficiency enhancement.

While we are pleased with the results of 2017, we remain focused on the future. Our goal is a strategy of disciplined and profitable growth. As we continue that strategy for 2018, I would like to highlight some of our upcoming efforts.

• We are expanding our customer service by offering 24 x 7 x 365 call center support for our debit



and credit card holders. We are working on the final stages of the set-up and anticipate offering that service to our customers by the end of March, 2018.

- We are currently investing in our Clark County market by building a new branch which will include a more efficient design. We expect the new branch to be open in the second quarter of 2018.
- · We are increasing our customer service availability by adding additional offices to our Lexington, Kentucky branch. We anticipate the expanded space to be open in the second guarter of 2018.
- We are increasing our mobile representation by offering digital wallet services including ApplePay®. We expect the service to be available to customers by mid-2018.
- · We are enhancing customer security by expanding our fraud notification capabilities through text messaging alerts. We expect the service to be available to customers by mid-2018.
- We are increasing our digital service by offering online mortgage applications. We expect the service to be available to customers by the third quarter of 2018.

Over the past few years, we have expanded our geographic footprint and enhanced our market penetration, in spite of increasing regulatory burden and rising business costs. Those successes would not have been possible without the great team we have at Kentucky Bank and the strong communities which we serve. We remain optimistic about our ability to prevail over the persistent challenges in our industry, and look forward to continuing to grow with our communities.

As always, we appreciate your support.

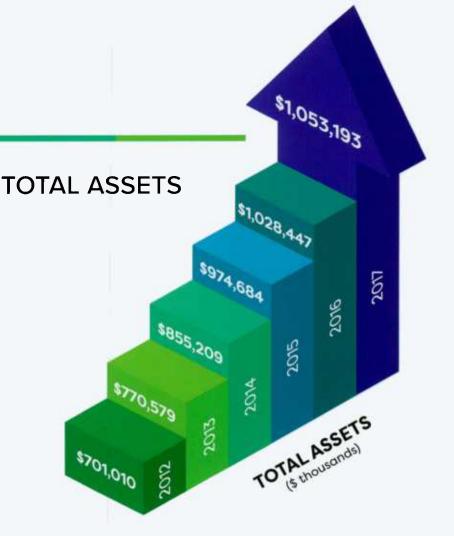
ami Prihad

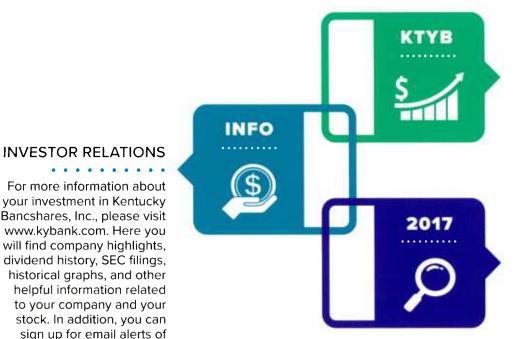
President and Chief Executive Officer



ANNUAL MEETING

The annual meeting of Kentucky Bancshares, Inc. will be held Tuesday, May 22, 2018 at 11:00 a.m. in the Corporate Headquarters.





TRADING STOCK

Kentucky Bancshares, Inc. common stock is publicly traded and is available for purchase through your broker or Kentucky Bank's Wealth Management Department at (800) 467-1939.

INVESTOR INFORMATION

You may obtain a copy of the Corporation's 2017 Form 10-K Report by visiting our website at www.kybank.com or writing to Investor Relations at the Corporate Headquarters.

KENTUCKY BANCSHARES, INC. (KTYB) STOCK ACTIVITY

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daily stock updates and

public announcements.

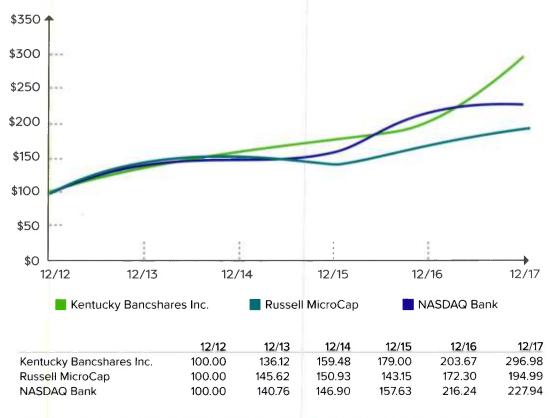
Since January of 2016, we have experienced an increased volume of stock trades, along with an increased price per share. Much of this activity is a result of our increased profitability, our increased dividends, our asset size, and the market capitalization of your company. The benefit is that there appears to be more demand for our stock, which creates a more liquid and orderly market for both larger and smaller blocks of shares.

Please contact our Wealth Management Department at (800) 467-1939 for more information concerning Kentucky Bancshares, Inc.



COMPARISON OF 5 YEAR CUMULATIVE TOTAL RETURN*

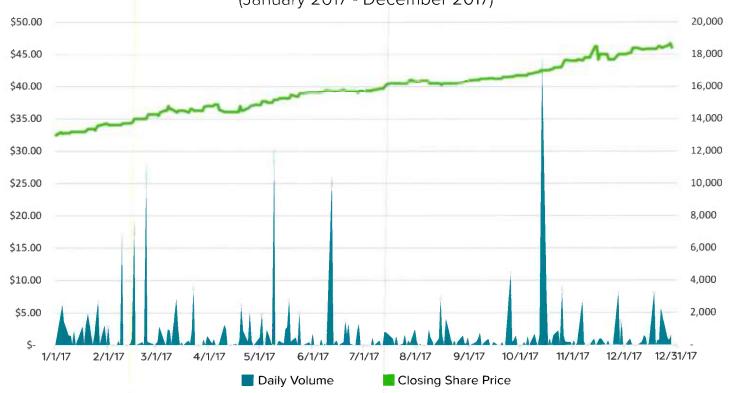
Among Kentucky Bancshares Inc, the Russell MicroCap Index and the NASDAQ Bank Index

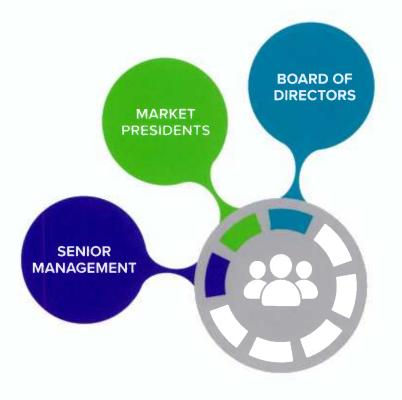


^{*\$100} invested on 12/31/12 in stock or index, including reinvestment of dividends. Fiscal year ending December 31, 2017. Copyright© 2018 Russell Investment Group. All rights reserved.

SHARE PRICE AND VOLUME

(January 2017 - December 2017)





SENIOR MANAGEMENT

LOUIS PRICHARD

President and Chief Executive Officer

JAMES BRADEN

Executive Vice President Chief Operating Officer

BRENDA BRAGONIER

Senior Vice President Director of Marketing Customer Service Center

CAROL CASKEY

Senior Vice President Director of Human Resources

GREGORY J. DAWSON

Senior Vice President Chief Financial Officer

JAMES L. ELLIOTT

Senior Vice President Director of Wealth Management

NORMAN J. FRYMAN

Executive Vice President Chief Credit Officer

CHRIS GORLEY

Senior Vice President Director of Operations

WILLIAM H. HOUGH

Executive Vice President Director of Retail Banking

BOARD OF DIRECTORS

BUCKNER WOODFORD IV

Chairman, Kentucky Bank Kentucky Bancshares, Inc.

LOUIS PRICHARD

President and Chief Executive Officer Kentucky Bank, Kentucky Bancshares, Inc.

B. PROCTOR CAUDILL, JR.

Special Projects Manager Kentucky Bank

HENRY HINKLE

Chief Executive Officer Hinkle Holding Company, LLC

BETTY J. LONG

President, Retired First Federal Savings of Cynthiana

TED MCCLAIN

President, Hopewell Insurance Company

WES OMOHUNDRO

Secretary/Treasurer, The Allen Company, Inc.

EDWIN S. SAUNIER

President, Saunier North American, Inc.

ROBERT G. THOMPSON

Farmer, Thoroughbred Breeder Snowhill Farm

WOODFORD S. VAN METER, MD

Professor of Ophthalmology University of Kentucky

MARKET PRESIDENTS

BRANDON EASON

Bourbon County Market President

JOHN HAMILTON

Madison County Market President

ALLEN JOHNSON

Harrison County Market President

ALEX LYTTLE

Jessamine County Market President

SHERRY MATHIS

East Kentucky Market President Elliott and Rowan Counties

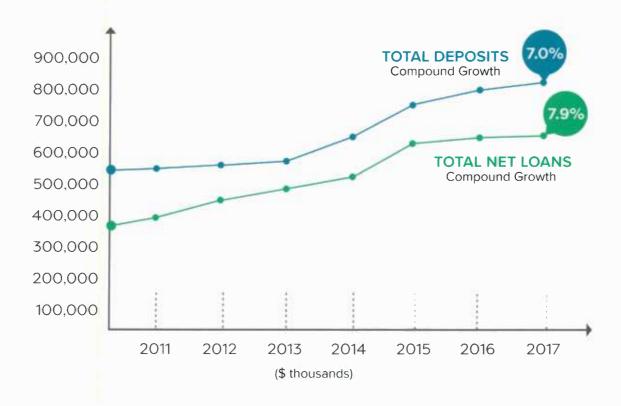
MARK SULSKI

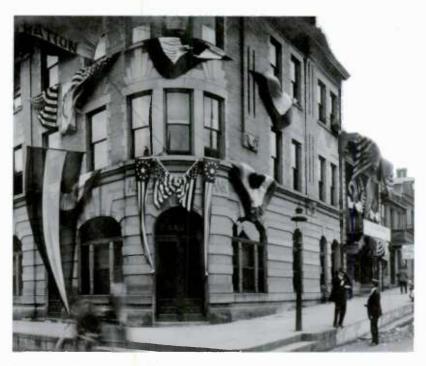
Scott County Market President

DARRYL M. TERRY

Central Kentucky Regional President Clark, Fayette, Jessamine, and Woodford Counties

TOTAL NET LOANS AND DEPOSITS





Kentucky Bank and its tributaries began their commitment to community banking in 1851 in Paris, Kentucky. Since its founding, the bank has grown to over \$1 billion in assets and employs over 250 people in 17 locations, while the location of the headquarters remains on the corner of 4th and Main in Paris.

TANGIBLE BOOK VALUE/SHARE



