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PRESS RELEASE

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Middlefield Banc Corp. Reports 2015 Full Year and Fourth Quarter Financial Results

MIDDLEFIELD, OHIO, January 27, 2016 *** * *** Middlefield Banc Corp. (NASDAQ: MBCN) today reported financial results for the fourth quarter and full year ended December 31, 2015.

2015 Fourth Quarter Financial Highlights Include (on a year-over-year basis unless noted):

- Net interest income increased 5.0% to \$6.4 million.
- Noninterest income grew 14.8% to \$1.2 million.
- Net income was \$1.8 million, or \$0.92 per diluted share.
- Tangible stockholders' equity per share improved 1.6% from the 2015 third quarter, and 6.5% from December 31, 2014.
- Net loans increased 13.7%.
- Nonperforming loans to total loans remained at 1.92%.
- Equity to assets December 31, 2015 was 8.48%.

"We ended 2015 with record assets and loans outstanding, and experienced higher year-over-year net interest income and noninterest income. As expected, noninterest expenses increased at a faster rate as we invested in our business to support our growth plan. During the year, we opened a new Loan Production Office in Mentor, Ohio, and added a number of new senior lenders and managers to our leadership team. We have a strong infrastructure in place that is focused on executing our growth oriented business plan. I am encouraged with our loan growth in the fourth quarter, which was up 4.6% from the third quarter and 13.7% from the same period last year. Our markets remain strong and we expect 2016 will be another good year for Middlefield," stated Thomas G. Caldwell, President and Chief Executive Officer.

Net income for the 2015 fourth quarter was \$1.8 million, or \$0.92 per diluted share, compared to \$1.9 million, or \$0.92 per diluted share for the same period last year. Net income for the 2015 full year was \$6.9 million, or \$3.39 per diluted share, compared to net income for the year ended December 31, 2014 of \$7.2 million, or \$3.50 per diluted share.

Annualized returns on average equity ("ROE") and average assets ("ROA") for the 2015 fourth quarter were 11.26% and 0.96%, respectively, compared with 11.98% and 1.10% for the 2014 fourth quarter. ROE and ROA were 10.62% and 0.97%, respectively, for the 2015 full year, compared with 12.17% and 1.07% for the same period last year.

Mr. Caldwell continued: "During 2015, we made a lot of progress executing our strategic plan and significantly improved the company's infrastructure to support a larger organization. 2016 will benefit from the full year contribution of our new lenders, business managers and Mentor LPO, and we are optimistic this will drive higher assets and loans. In addition, we expect a greater contribution from our secondary mortgage program in 2016 as we improve our execution and enhance customers' awareness of this offering. Overall, we are focused on strategies that grow Middlefield's brand across all of our markets. Fundamental to our growth plan is our community banking approach aimed at supporting the financial needs of our communities."

Income Statement

Net interest income for the 2015 fourth quarter increased 5.0% to \$6.4 million, compared to \$6.1 million for the 2014 fourth quarter. For 2015, net interest income increased 4.1% to \$24.8 million, compared to \$23.8 million for 2014. The fourth quarter and twelve month increases in net interest income were driven by an increase in interest and fees and a reduction in funding costs. The net interest margin for the 2015 fourth quarter was 3.89%, compared to 3.91% for the same period of 2014. For 2015, the net interest margin was 3.94%, compared to 3.93% for the twelve months ended December 31, 2014.

Noninterest income was up 14.8% for the 2015 fourth quarter and 12.7% for the 2015 twelve months. The improvement to noninterest income in the 2015 fourth quarter was primarily a result of investment gains and earnings on bank-owned life insurance. For 2015, gains on the sale of loans in addition to the increase in investment gains and earnings on bank-owned life insurance contributed to the full year improvement.

Noninterest expense for the 2015 fourth quarter was \$5.4 million, an increase of 16.0% from \$4.6 million for the 2014 fourth quarter, primarily a result of higher operating expenses. For the full year, noninterest expenses increased 12.5% to \$20.1 million, from \$17.9 million in 2014.

"We experienced strong asset and loan growth in 2015, while maintaining high quality lending practices," said Donald L. Stacy, Chief Financial Officer. "The ratio of nonperforming loans to total loans was 1.92% at the end of the 2015 fourth quarter, consistent with the prior year period, while nonperforming assets to total assets declined 13 basis points to 1.59%. We did a good job managing our cost of funds in 2015, which experienced a seven basis point reduction to 0.72% from 0.79% in 2014. The yield on earnings assets declined modestly representing the competitive nature of our markets. Noninterest expense increased 12.5% for 2015 as we made strategic investments in our operations and added personnel. While we continue to expect higher regulatory, compliance and technology costs to remain, we are focused on leveraging 2015's operating investments in 2016."

Balance Sheet

Total assets at December 31, 2015 increased 8.5% to \$735.1 million, from \$677.5 million at December 31, 2014. Net loans at December 31, 2015 were \$527.3 million, compared to \$463.7 million at December 31, 2014. The 13.7% year-over-year improvement in net loans was a result of a 21.8% increase in commercial and industrial loans, a 10.7% increase in residential mortgages, a 21.5% increase in commercial mortgages, and a 6.1% increase in consumer installment loans, which were offset by a 26.9% reduction in real estate construction loans.

Total deposits at December 31, 2015 increased 6.5% to \$624.4 million from \$586.1 million at December 31, 2014. The investment portfolio, which is entirely classified as available for sale, stood at \$146.5 million at December 31, 2015, compared to \$154.3 million at December 31, 2014.

Stockholders' Equity and Dividends

Tangible stockholders' equity decreased to \$57.7 million for the 2015 fourth quarter, compared to \$59.2 million at December 31, 2014, as a result of the company's October 2, 2016 repurchase of 196,635 shares of its common stock. On a per share basis, tangible stockholders' equity increased 6.5% to \$30.72 at December 31, 2015 from \$28.84 at December 31, 2014. At December 31, 2015, the company had equity to assets of 8.48%, compared to 9.43% at December 31, 2014.

During the 2015 fourth quarter, the company paid cash dividends of \$0.27 per share, which was a 3.8% increase over the amount paid in the 2014 fourth quarter. For 2015, the company paid total dividends of \$1.07 per share, which represents a dividend payout ratio of 30.90%, compared to dividends of \$1.04 and a dividend payout ratio of 29.54% for the 2014 full year.

Asset Quality

The provision for loan losses for the 2015 fourth quarter was \$0.1 million, compared \$0 for the 2014 fourth quarter. For 2015, the provision for loan losses was \$0.3 million, compared to \$0.4 million for the same period last year. Net charge-offs for the 2015 twelve months were \$0.8 million, or 0.16% of average loans, annualized. The allowance for loan losses at December 31, 2015 stood at \$6.4 million, or 1.20% of total loans, compared to \$6.8 million or 1.45% of total loans at December 31, 2014.

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	12/.	31/2015	12/	31/2014	12/	31/2013	12/	31/2012	12/	31/2011
Nonperforming loans	\$	10,263	\$	9,048	\$	12,290	\$	14,224	\$	24,546
Real estate owned	\$	1,412	\$	2,590	\$	2,698	\$	1,846	\$	2,196
Nonperforming assets	\$	11,675	\$	11,638	\$	14,988	\$	16,070	\$	26,742
Allowance for loan losses	\$	6,385	\$	6,846	\$	7,046	\$	7,779	\$	6,819
Ratios:										
Nonperforming loans to										
total loans		1.92%		1.92%		2.82%		3.48%		6.12%
Nonperforming assets to total assets		1.59%		1.72%		2.32%		2.40%		4.09%
Allowance for loan losses to total loans Allowance for loan losses to		1.20%		1.45%		1.62%		1.90%		1.70%
nonperforming loans		62.21%		75.66%		57.33%		54.69%		27.78%

The following table provides a summary of asset quality and reserve coverage ratios.

Middlefield Banc Corp., headquartered in Middlefield, Ohio, is a bank holding company with total assets of \$735.1 million at December 31, 2015. The bank operates 10 full service banking centers and an LPL Financial[®] brokerage office serving Chardon, Cortland, Dublin, Garrettsville, Mantua, Middlefield, Newbury, Orwell, and Westerville. The Bank also operates a Loan Production Office in Mentor, Ohio. Additional information is available at <u>www.middlefieldbank.com</u>.

This press release of Middlefield Banc Corp. and the reports Middlefield Banc Corp. files with the Securities and Exchange Commission often contain "forward-looking statements" relating to present or future trends or factors affecting the banking industry and, specifically, the financial operations, markets and products of Middlefield Banc Corp. These forward-looking

statements involve certain risks and uncertainties. There are a number of important factors that could cause Middlefield Banc Corp.'s future results to differ materially from historical performance or projected performance. These factors include, but are not limited to: (1) a significant increase in competitive pressures among financial institutions; (2) changes in the interest rate environment that may reduce interest margins; (3) changes in prepayment speeds, charge-offs and loan loss provisions; (4) less favorable than expected general economic conditions; (5) legislative or regulatory changes that may adversely affect businesses in which Middlefield Banc Corp. is engaged; (6) technological issues which may adversely affect Middlefield Banc Corp.'s financial operations or customers; (7) changes in the securities markets; or (8) risk factors mentioned in the reports and registration statements Middlefield Banc Corp. files with the Securities and Exchange Commission. Middlefield Banc Corp. undertakes no obligation to release revisions to these forward-looking statements or to reflect events or circumstances after the date of this press release.

MIDDLEFIELD BANC CORP. Consolidated Selected Financial Highlights

December 31, 2015 and 2014

Balance Sheet (period end)	December 31,	December 31
(Dollar amounts in thousands)	2015	2014
(2015 unaudited)		
Assets		
Cash and due from banks	\$ 21,880	\$ 20,846
Federal funds sold	1,870	4,793
Cash and cash equivalents	23,750	25,639
Investment securities available for sale	146,520	154,334
Loans held for sale	1,107	438
Loans:	533,710	470,584
Less: allowance for loan and lease losses	6,385	6,846
Net loans	527,325	463,738
Premises and equipment, net	9,772	9,980
Goodwill	4,559	4,559
Core deposit intangibles	76	116
Bank-owned life insurance	13,141	9,092
Other real estate owned	1,412	2,590
Accrued interest receivable and other assets	7,477	7,045
Total Assets	\$ 735,139	\$ 677,531
	December 31,	December 31
	2015	2014
Liabilities and Stockholders' Equity		
Liabilities and Stockholders' Equity Noninterest bearing demand deposits		2014
Noninterest bearing demand deposits	2015 \$ 116,498	2014 \$ 105,512
Noninterest bearing demand deposits Interest bearing demand deposits	2015 \$ 116,498 57,219	2014 \$ 105,512 56,377
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts	2015 \$ 116,498 57,219 78,856	2014 \$ 105,512 56,377 75,895
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts Savings deposits	2015 \$ 116,498 57,219 78,856 180,653	2014 \$ 105,512 56,377 75,895 178,470
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts Savings deposits Time deposits	2015 \$ 116,498 57,219 78,856	2014 \$ 105,512 56,377 75,895 178,470 169,858
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts Savings deposits Time deposits Total Deposits	2015 \$ 116,498 57,219 78,856 180,653 <u>191,221</u> 624,447	2014 \$ 105,512 56,377 75,895 178,470 169,858 586,112
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts Savings deposits Time deposits Total Deposits Short-term borrowings	2015 \$ 116,498 57,219 78,856 180,653 191,221	2014 \$ 105,512 56,377 75,895 178,470 169,858 586,112 14,808
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts Savings deposits Time deposits Total Deposits	2015 \$ 116,498 57,219 78,856 180,653 191,221 624,447 35,825 9,939	2014 \$ 105,512 56,377 75,895 178,470 169,858 586,112
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts Savings deposits Time deposits Total Deposits Short-term borrowings Other borrowings	2015 \$ 116,498 57,219 78,856 180,653 191,221 624,447 35,825	2014 \$ 105,512 56,377 75,895 178,470 169,858 586,112 14,808 10,624
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts Savings deposits Time deposits Total Deposits Short-term borrowings Other borrowings Other liabilities	2015 \$ 116,498 57,219 78,856 180,653 191,221 624,447 35,825 9,939 2,624	2014 \$ 105,512 56,377 75,895 178,470 169,858 586,112 14,808 10,624 2,120
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts Savings deposits Time deposits Total Deposits Short-term borrowings Other borrowings Other liabilities Total Liabilities	2015 \$ 116,498 57,219 78,856 180,653 191,221 624,447 35,825 9,939 2,624 672,835	2014 \$ 105,512 56,377 75,895 178,470 169,858 586,112 14,808 10,624 2,120 613,664
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts Savings deposits Time deposits Total Deposits Short-term borrowings Other borrowings Other liabilities	2015 \$ 116,498 57,219 78,856 180,653 191,221 624,447 35,825 9,939 2,624	2014 \$ 105,512 56,377 75,895 178,470 169,858 586,112 14,808 10,624 2,120
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts Savings deposits Time deposits Total Deposits Short-term borrowings Other borrowings Other liabilities Total Liabilities Total Liabilities	2015 \$ 116,498 57,219 78,856 180,653 191,221 624,447 35,825 9,939 2,624 672,835 36,191	2014 \$ 105,512 56,377 75,895 178,470 169,858 586,112 14,808 10,624 2,120 613,664 35,529
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts Savings deposits Time deposits Total Deposits Short-term borrowings Other borrowings Other liabilities Total Liabilities Common equity Retained earnings Accumulated other comprehensive income	2015 \$ 116,498 57,219 78,856 180,653 191,221 624,447 35,825 9,939 2,624 672,835 36,191 37,236 2,395	2014 \$ 105,512 56,377 75,895 178,470 169,858 586,112 14,808 10,624 2,120 613,664 35,529 32,524 2,548
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts Savings deposits Time deposits Total Deposits Short-term borrowings Other borrowings Other liabilities Total Liabilities Total Liabilities	2015 \$ 116,498 57,219 78,856 180,653 191,221 624,447 35,825 9,939 2,624 672,835 36,191 37,236	2014 \$ 105,512 56,377 75,895 178,470 169,858 586,112 14,808 10,624 2,120 613,664 35,529 32,524
Noninterest bearing demand deposits Interest bearing demand deposits Money market accounts Savings deposits Time deposits Total Deposits Short-term borrowings Other borrowings Other liabilities Total Liabilities Common equity Retained earnings Accumulated other comprehensive income Treasury stock	$\begin{array}{r c c c c c c c c c c c c c c c c c c c$	2014 \$ 105,512 56,377 75,895 178,470 169,858 586,112 14,808 10,624 2,120 613,664 35,529 32,524 2,548 (6,734)

MIDDLEFIELD BANC CORP. Consolidated Selected Financial Highlights December 31, 2015 and 2014

(Dollar amounts in thousands)

(2015 unaudited)

(2015 undualied) For the The			e Months nber 31,	Ended	For the Year Ended December 31,				
		2015	liber 51,	2014		2015	moet 51,	2014	
INTEREST INCOME									
Interest and fees on loans	\$	6,168	\$	5,811	\$	23,824	\$	22,726	
Interest-bearing deposits in other institutions		7		5		33		24	
Federal funds sold		1		3		13		14	
Investment securities									
Taxable interest		352		420		1,467		1,896	
Tax-exempt interest		787		791		3,160		3,127	
Dividends on stock		28		25		98		87	
Total interest income		7,343		7,055		28,595		27,874	
INTEREST EXPENSE		· · ·		<u> </u>		· · · ·		,	
Deposits		845		866		3,426		3,633	
Short term borrowings		94		37		194		148	
Federal funds purchased		_		_		_		_	
Other borrowings		17		24		83		118	
Trust preferred securities		32		78		117		171	
Total interest expense		988		1,005		3,820		4,070	
i otal meelest expense		700		1,005		3,020	_	1,070	
NET INTEREST INCOME		6,355		6,050		24,775		23,804	
Provision for loan losses		105				315		370	
NET INTEREST INCOME AFTER PROVISION									
FOR LOAN LOSSES		6,250		6,050		24,460		23,434	
NONINTEREST INCOME									
Service charges on deposits		492		477		1,874		1,876	
Net securities gains		66		-		323		248	
Earnings on bank-owned life insurance		362		70		624		276	
Gains on sale of loans		43		217		329		237	
Other income		215		262		894		951	
Total non-interest income		1,178		1,026		4,044		3,588	
NONINTEREST EXPENSE		_							
Salaries and employee benefits		2,546		2,389		9,751		8,817	
Occupancy expense		308		240		1,253		1,108	
Equipment expense		238		253		944		963	
Data processing costs		273		228		1,071		917	
Ohio state franchise tax		75		73		300		342	
Federal deposit insurance expense		120		88		472		449	
Professional fees		422		272		1,247		1,086	
(Gain) loss on sale of other real estate owned		(120)		64		(48)		183	
Advertising expenses		135		121		721		488	
Other real estate expenses		162		131		611		387	
Directors Fees		108		100		451		403	
Other operating expense		1,113		679		3,304		2,707	
Total non-interest expense		5,380	_	4,638	_	20,077	_	17,850	
Income before income taxes		2,048	_	2,438	_	8,427	_	9,172	
Provision for income taxes		298		550		1,562		1,992	
NET INCOME	\$	1,750	\$	1,888	\$	6,865	\$	7,180	

	For the Three Decen	Months	Ended			Year End mber 31,	
	 2015		2014		2015		2014
Per common share data				_			
Net income per common share - basic	\$ 0.93	\$	0.92	\$	3.41	\$	3.52
Net income per common share - diluted	\$ 0.92	\$	0.92	\$	3.39	\$	3.50
Dividends declared	\$ 0.27	\$	0.26	\$	1.07	\$	1.04
Book value per share (period end)	\$ 33.19	\$	31.12	\$	33.19	\$	31.12
Tangible book value per share (period end)	\$ 30.72	\$	28.84	\$	30.72	\$	28.84
Dividend payout ratio	27.20%		28.23%		30.90%		29.54%
Average shares outstanding - basic	1,884,484		2,049,536		2,014,966		2,041,635
Average shares outstanding - diluted	1,893,345		2,059,561		2,024,120		2,049,506
Period ending shares outstanding	1,877,238		2,052,495		1,877,238		2,052,495
Selected ratios							
Return on average assets	0.96%		1.10%		0.97%		1.07%
Return on average equity	11.26%		11.98%		10.62%		12.17%
Yield on earning assets	4.46%		4.52%		4.51%		4.56%
Cost of interest bearing liabilities	0.73%		0.79%		0.72%		0.79%
Net interest spread	3.74%		3.73%		3.78%		3.77%
Net interest margin	3.89%		3.91%		3.94%		3.93%
Efficiency (1)	67.77%		61.61%		65.94%		61.55%
Equity to assets at period end	8.48%		9.43%		8.48%		9.43%

(1) The efficiency ratio is calculated by dividing non-interest expense less amortization of intangibles by the sum of net interest income on a fully taxable equivalent basis plus non-interest income.

	De	ecember 31, 2015	j	December 31, 2014
Commercial and industrial	\$	42,536	\$	34,928
Real estate - construction		22,137		30,296
Real estate - mortgage:				
Residential		232,478		210,096
Commercial		231,701		190,685
Consumer installment		4,858		4,579
		533,710		470,584

Asset quality data	De	December 31, 2015		December 31, 2014		
(Dollar amounts in thousands)						
Non-accrual loans	\$	7,545	\$	7,346		
Troubled debt restructuring		2,716		1,537		
90 day past due and accruing		2		165		
Nonperforming loans		10,263		9,048		
Other real estate owned		1,412		2,590		
Nonperforming assets	\$	11,675	\$	11,638		
Allowance for loan losses	\$	6,385	\$	6,846		
Allowance for loan losses/total loans		1.20%		1.45%		
Net charge-offs:						
Quarter-to-date	\$	40	\$	442		
Year-to-date		776		370		
Net charge-offs to average loans, annualized						
Quarter-to-date		0.03%		0.38%		
Year-to-date		0.16%		0.13%		
Nonperforming loans/total loans		1.92%		1.92%		
Allowance for loan losses/non-performing loans		62.21%		75.66%		
Nonperforming assets/total assets		1.59%		1.72%		