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PRESS RELEASE

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Middlefield Banc Corp. Reports 2017 First Half Financial Results

MIDDLEFIELD, OHIO, July 26, 2017 ◆◆◆ Middlefield Banc Corp. (NASDAQ: MBCN) today reported financial results for the 2017 first half and second quarter ended June 30, 2017.

2017 First Half Financial Highlights versus 2016 First Half (unless noted):

- Net income was up 35.0% to \$4.6 million
- Earnings per diluted share decreased 6.9% to \$1.61 per share, as a result of a 44.6% increase in the average number of diluted shares outstanding
- Total net loans increased 50.2% to \$861.3 million
- Organic total net loans increased 11.0%
- Total interest income improved 43.0% to \$21.1 million
- Tier 1 capital ratio remains strong at 9.95%

"Middlefield's 2017 second quarter and year-to-date financial results reflect the contribution of the Liberty Bank, N.A. acquisition, robust organic loan growth throughout our Central and Northeast Ohio markets, and stable asset quality," stated Thomas G. Caldwell, President and Chief Executive Officer. "Year-to-date, total net loans increased 11.0% organically, and over the past three months were up 3.7% organically. In addition, we ended the second quarter with a robust pipeline of potential new loans. I am encouraged by recent loan growth and demand trends, which demonstrates Middlefield's growing banking franchise and stable economic trends within our local geographies. While total net loans increased 50.2%, our asset quality remains strong as nonperforming loans to total loans has declined to 1.45% at June 30, 2017 from 1.64% for the same period last year. As a result of Middlefield's strong year-to-date performance, we expect 2017 will be another good year for the Bank."

Income Statement

For the 2017 first half, net interest income increased 42.4% to \$18.0 million, compared to \$12.7 million for the same period last year. Year-to-date, the net interest margin was 3.82%, compared to 3.82% for the same period last year. Net interest income for the 2017 second quarter was \$9.3 million, compared to

\$6.3 million for the 2016 second quarter. The net interest margin for the 2017 second quarter was 3.80%, compared to 3.78% for the same period of 2016. The 46.3% increase in net interest income for the 2017 second quarter was largely a result of a 57.0% increase in interest and fees on loans.

For the 2017 first half, noninterest income was \$2.5 million, compared to \$2.1 million for the same period last year. Noninterest income for the 2017 second quarter was \$1.0 million, compared to \$1.2 million for the same period last year.

For the 2017 first half, noninterest expense increased 36.3% to \$14.0 million, compared to \$10.3 million for the same period last year. Operating costs in the 2017 second quarter increased 36.4% to \$6.7 million from \$4.9 million for the 2016 second quarter. During the 2017 second quarter, noninterest expense had approximately \$307,000 of one-time merger costs associated with the Liberty merger, and year-to-date the company had one-time merger related costs of approximately \$694,000.

Annualized returns on average equity ("ROE") and average assets ("ROA") for the 2017 six-month period were 9.05% and 0.89%, respectively, compared with 10.62% and 0.92% for the same period last year. For the 2017 second quarter, ROE and ROA were 9.34% and 0.94%, respectively, compared with 11.78% and 1.03% for the 2016 second quarter.

"I am pleased with the successful \$16.0 million private placement we completed in the second quarter. The proceeds from this offering were used to retire \$12.0 million of higher-cost borrowings, which helped Middlefield reduce its funding costs," said Donald L. Stacy, Chief Financial Officer. "Our net loans-to-assets ratio continues to increase and was 80.5% at June 30, 2017, up 400 basis points from year end, and increased 510 basis points from the same period a year ago. During the 2017 second quarter, the yield on earning assets increased to 4.45% from 4.37% for the same period a year ago, while our cost of interest-bearing liabilities increased to 0.83% from 0.77% for the same period a year ago. The net effect was a slight increase in the company's net interest spread, as well as a slight increase in net interest margin, which was 3.80% in the second quarter. We continue to expect improving profitability as a result of the company's growing loan portfolio, and achieving cost benefits from the Liberty merger."

Balance Sheet

Total assets at June 30, 2017 increased 40.8% to approximately \$1,070.0 million, from \$760.1 million at June 30, 2016, and \$787.8 million at December 31, 2016. Net loans at June 30, 2017 were \$861.3 million, compared to \$573.4 million at June 30, 2016, and \$602.5 million at December 31, 2016. The 50.2% year-over-year improvement in total net loans was across all loan categories, and was a result of organic growth and the contribution of the Liberty merger. Specifically, commercial mortgage loans increased 64.5%, residential mortgage loans increased 22.6%, commercial and industrial loans increased 60.7%, real estate construction loans increased 121.8%, and consumer installment loans increased 343.5%.

Total deposits at June 30, 2017 increased 34.8% to \$846.8 million from \$628.0 million at June 30, 2016. The company continued to proactively manage its cost of funds and control deposit growth. The investment portfolio, which is entirely classified as available for sale, was \$105.0 million June 30, 2017, compared with \$129.3 million at June 30, 2016.

Stockholders' Equity and Dividends

At June 30, 2017, tangible stockholders' equity was \$98.8 million, an increase of 35.4% from \$73.0 million at June 30, 2016. On a per-share basis, tangible stockholders' equity decreased to \$30.77 at June 30, 2017 from \$32.47 at June 30, 2016. Through the first six months of 2017, the company declared cash dividends of \$0.54 per share. The dividend payout ratio for the 2017 six-month period was 35.2% compared to 32.4% for the same period last year.

At June 30, 2017, the company had a Tier 1 leverage ratio of 9.95%, down from 10.23% at June 30, 2016.

Asset Quality

The provision for loan losses for the 2017 second quarter was \$0.2 million versus \$0.1 million for the same period last year. Nonperforming assets at June 30, 2017 were \$13.2 million, compared to \$10.6 million at June 30, 2016. Net charge-offs for the 2017 second quarter were \$0.3 million, or 0.13% of average loans, annualized, compared to \$0.1 million, or 0.07% of average loans, annualized for the same 2016 period. Year-to-date net charge-offs were \$0.3 million, or 0.08% of average loans, annualized compared to \$0.2 million, or 0.08% of average loans, annualized for the same period last year. The allowance for loan losses at June 30, 2017 stood at \$6.6 million, or 0.76% of total loans, compared to \$6.4 million or 1.10% of total loans at June 30, 2016. The decline in the allowance ratio is due to the acquisition of Liberty Bank, which increased total loans.

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

Asset Quality History
(dollars in thousands)

	6/3	0/2017	6/3	0/2016	16 12/31/2016		12/31/2015		12/	31/2014
Nonperforming loans	\$	12,581	\$	9,491	\$	7,075	\$	10,263	\$	9,048
Real estate owned	\$	650	\$	1,142	\$	934	\$	1,412	\$	2,590
Nonperforming assets	\$	13,231	\$	10,633	\$	8,009	\$	11,675	\$	11,638
Allowance for loan losses	\$	6,605	\$	6,366	\$	6,598	\$	6,385	\$	6,846
Ratios:										
Nonperforming loans to										
total loans		1.45%		1.64%		1.16%		1.92%		1.92%
Nonperforming assets to										
total assets		1.24%		1.40%		1.02%		1.59%		1.72%
Allowance for loan losses to										
total loans		0.76%		1.10%		1.08%		1.20%		1.45%
Allowance for loan losses to										
nonperforming loans		52.50%		67.07%		93.26%		62.21%		75.66%

Middlefield Banc Corp., headquartered in Middlefield, Ohio, is a bank holding company with total assets of \$1.1 billion at June 30, 2017. The bank operates 14 full-service banking centers and an LPL Financial® brokerage office serving Beachwood, Chardon, Cortland, Dublin, Garrettsville, Mantua, Middlefield, Newbury, Orwell, Solon, Sunbury, Twinsburg, and Westerville. The Bank also operates a Loan Production Office in Mentor, Ohio. Additional information is available at www.middlefieldbank.bank.

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 June 30, 2017 and 2016

(Dollar amounts in thousands) (unaudited)

For the	Three	Months	Ended
	Jun	e 30,	

For the Six Months Ended June 30,

		June 30,			June	30,		
		2017		2016	_	2017		2016
INTEREST AND DIVIDEND INCOME								
Interest and fees on loans	\$	9,916	\$	6,317	\$	19,096	\$	12,490
Interest-bearing deposits in other institutions		92		15		141		27
Federal funds sold		1		5		4		9
Investment securities:								
Taxable interest		223		290		441		630
Tax-exempt interest		630		750		1,267		1,540
Dividends on stock		40		28		152	_	57
Total interest and dividend income		10,902		7,405		21,101	_	14,753
INTEREST EXPENSE								
Deposits		1,227		889		2,352		1,744
Short-term borrowings		273		115		450		235
Other borrowings		68		20		151		37
Trust preferred securities		57		42		114		75
Total interest expense		1,625		1,066		3,067	_	2,091
NET INTEREST INCOME		9,277		6,339		18,034		12,662
Provision for loan losses		170		105		335		210
NET INTEREST INCOME AFTER PROVISION								
FOR LOAN LOSSES		9,107		6,234		17,699		12,452
NONINTEREST INCOME			-					
Service charges on deposit accounts		449		491		918		938
Investment securities gains, net		_		252		488		303
Earnings on bank-owned life insurance		98		97		207		196
Gains on sale of loans		231		106		465		193
Other income		211		227		422		452
Total noninterest income		989	-	1,173		2,500		2,082
NONINTEREST EXPENSE			-				-	
Salaries and employee benefits		3,203		2,283		6,899		5,063
Occupancy expense		433		292		921		627
Equipment expense		266		210		547		479
Data processing costs		588		322		908		594
Ohio state franchise tax		186		162		372		262
Federal deposit insurance expense		135		132		203		264
Professional fees		423		218		796		510
(Gain) loss on other real estate owned		(184)		56		(262)		68
Advertising expense		164		203		412		398
Other real estate expense		199		85		332		131
Directors fees		128		121		240		228
Core deposit intangible amortization		103		10		175		20
Appraiser fees		104		119		206		220
ATM fees		28		98		104		194
Merger expense		307		-		694		_
Other expense		621		604		1,424		1,195
Total noninterest expense		6,704		4,915		13,971	_	10,253
Income before income taxes		3,392	-	2,492		6,228	_	4,281
Income taxes		885		566		1,621		868
NET INCOME	\$	2,507	\$	1,926	\$	4,607	\$	3,413
	—	<u> </u>	<i>-</i>	1,220	⁻ —	.,	~ =	-,

MIDDLEFIELD BANC CORP.

Consolidated Selected Financial Highlights

June 30, 2017 and 2016 and December 31, 2016 $\,$

Balance Sheet (period end)		June 30,		December 31,		June 30,
(Dollar amounts in thousands)		2017	_	2016	_	2016
AGGETTG		(unaudited)				(unaudited)
ASSETS	\$	27.071	¢	21 205	ď	21 127
Cash and due from banks	Þ	37,971	\$	31,395	\$	21,127
Federal funds sold	_	1,600 39,571	-	1,100 32,495	_	1,000 22,127
Cash and cash equivalents				32,493 114,376		129,295
Investment securities available for sale, at fair value Loans held for sale		104,951				129,293 496
		9,791		634		
Loans		867,864		609,140		579,716
Less allowance for loan and lease losses Net loans	_	6,605	_	6,598	_	6,366
		861,259		602,542		573,350
Premises and equipment, net		11,511		11,203		9,727
Goodwill		15,435		4,559		4,559
Core deposit intangibles		2,948		36		56
Bank-owned life insurance		15,432		13,540		13,337
Other real estate owned		650		934		1,142
Accrued interest and other assets	_	9,528	φ-	7,502	φ-	6,019
TOTAL ASSETS	\$_	1,071,076	\$_	787,821	\$_	760,108
		June 30,		December 31,		June 30,
A A A D II ATTITUD	_	2017	_	2016	_	2016
LIABILITIES						
Deposits:	ф	170 100	Ф	122 (20	Ф	126.045
Noninterest-bearing demand	\$	172,199	\$	133,630	\$	126,045
Interest-bearing demand		87,084		59,560		64,361
Money market		160,858		74,940		81,596
Savings		181,259		172,370		173,014
Time	_	245,383	_	189,434	_	183,024
Total deposits		846,783		629,934		628,040
Fed funds purchased		-		-		414
Short-term borrowings		63,388		68,359		41,841
Other borrowings		39,346		9,437		9,825
Accrued interest and other liabilities	_	4,357	_	3,131	_	2,407
TOTAL LIABILITIES	_	953,874	_	710,861	_	682,527
STOCKHOLDERS' EQUITY						
Common equity		84,587		47,943		47,675
Retained earnings		44,318		41,334		39,545
Accumulated other comprehensive income		1,815		1,201		3,879
Treasury stock		(13,518)		(13,518)		(13,518)
TOTAL STOCKHOLDERS' EQUITY	_	117,202	_	76,960	_	77,581
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	\$_	1,071,076	\$_	787,821	\$_	760,108

For the Three Months Ended

For the Six Months Ended June 30,

		For the Thre		ns Ended		For the Six M		naea
	_	2017	ne 30,	2016	_	2017	30,	2016
Per common share data	_	2017		2010	-	2017		2010
Net income per common share - basic	\$	0.84	\$	0.94	\$	1.62	\$	1.74
Net income per common share - diluted	\$	0.83	\$	0.94	\$	1.61	\$	1.73
Dividends declared	\$	0.27	\$	0.27	\$	0.54	\$	0.54
Book value per share (period end)	\$	36.49	\$	34.53	\$	36.49	\$	34.53
Tangible book value per share (period end)	\$	30.77	\$	32.47	\$	30.77	\$	32.47
Dividend payout ratio		34.58%		31.00%		35.23%		32.35%
Average shares outstanding - basic		3,000,451		2,051,137		2,841,019		1,964,657
Average shares outstanding - diluted		3,014,140		2,059,411		2,854,158		1,973,179
Period ending shares outstanding		3,211,748		2,246,904		3,211,748		2,246,904
Selected ratios								
Return on average assets		0.94%		1.03%		0.89%		0.92%
Return on average equity		9.34%		11.78%		9.05%		10.62%
Yield on earning assets		4.45%		4.37%		4.45%		4.42%
Cost of interest-bearing liabilities		0.83%		0.77%		0.80%		0.76%
Net interest spread		3.62%		3.60%		3.64%		3.66%
Net interest margin		3.80%		3.78%		3.82%		3.82%
Efficiency		63.30%		62.23%		65.94%		65.99%
Tier 1 capital to average assets		9.95%		10.23%		9.95%		10.23%
		June 30,		June 30,				
	_	2017	_	2016				
Commercial and industrial	\$	97,160	\$	60,451				
Real estate - construction		35,571		16,039				
Real estate - mortgage:								
Residential		308,519		251,553				
Commercial		406,670		247,176				
Consumer installment		19,944		4,497				
Consulta Insulinent	\$	867,864	\$	579,716				
		June 30,		June 30,				
Asset quality data		2017		2016				
(Dollar amounts in thousands)								
Nonaccrual loans	\$	10,213	\$	6,662				
Troubled debt restructuring	Ψ	2,169	Ψ	2,829				
Nonperforming loans	_	12,581	_	9,491				
Other real estate owned		650		1,142				
Nonperforming assets	\$	13,231	\$	10,633				
	· -		· -	-,				
Allowance for loan and lease losses	\$	6,605	\$	6,366				
Allowance for loan and lease losses/total loans		0.76%		1.10%				
Net charge-offs:								
Quarter-to-date		285		96				
Year-to-date		328		229				
Net charge-offs to average loans, annualized								
Quarter-to-date		0.13%		0.07%				
Year-to-date		0.08%		0.08%				
Nonperforming loans/total loans		1.45%		1.64%				
Allowance for loan and lease losses/nonperforming loans		52.50%		67.07%				