Press Release – Mifflintown, PA – February 21, 2013



Juniata Valley Financial Corp. Announces Quarterly and Annual Earnings and Declares Dividend

Marcie A. Barber, President and Chief Executive Officer of Juniata Valley Financial Corp. (OTC BB: JUVF), announced that net income and earnings per share for the quarter ended December 31, 2012 were \$883,000 and \$0.20, respectively, representing decreases of \$253,000 and \$249,000, respectively, compared to the same quarter in 2011 and to the immediate preceding quarter in 2012.

Juniata Valley's fourth quarter 2012 earnings and key performance ratios, including return on average assets (ROA), return on average equity (ROE) and earnings per share (EPS), in comparison to the immediate preceding quarter in 2012 and the fourth quarter of 2011, are shown in the table below.

| | Quarter Ended | | | | | | | |
|----------------|-------------------|---------|--------------------|-----------|-------------------|-----------|--|--|
| | December 31, 2012 | | September 30, 2012 | | December 31, 2011 | | | |
| | Results | | Results | | Results | | | |
| Net Income | \$ | 883,000 | \$ | 1,132,000 | \$ | 1,136,000 | | |
| ROA | | 0.78% | | 0.99% | | 1.01% | | |
| ROE | | 7.06% | | 9.07% | | 8.97% | | |
| EPS (basic and | | | | | | | | |
| fully diluted) | \$ | 0.20 | \$ | 0.27 | \$ | 0.26 | | |

The decrease in net income in the fourth quarter of 2012 versus the fourth quarter of 2011 resulted primarily from lower net interest income, with the decrease in net interest income driven by lower outstanding loan balances and a lower net interest margin. Compared to the level at December 31, 2011, loan balances at December 31, 2012 represented a decline of 4.2%. Several factors contributed to the decrease in loan balances. First, loan balances declined as a result of targeted, continuing efforts by Bank personnel to address, through collection efforts or charge-offs, loans which were nonperforming or which had the potential to become nonperforming. Secondly, loan demand remains low as a result of the continuing soft economic conditions. Additionally, in order to minimize long-term interest rate risk, most fixed-rate residential mortgage loans originated by Juniata in 2012 were sold into the secondary market, with Juniata retaining the associated servicing rights; while this activity allows the generation of fee income, it also results in a reduction in loan balances.

The net interest margin on a fully tax-equivalent basis was 3.62% in the fourth quarter of 2012, 5 basis points higher than in the immediate preceding quarter. The net interest margin in the fourth quarter of 2011 was 3.99%. Ms. Barber commented, "While the decreased loan portfolio is negatively impacting earnings in the short run, we remain committed to strong credit quality to maintain our value and position us for growth."

Non-interest income in the fourth quarter of 2012 decreased by 12.1% and increased by 15.0%, respectively, when compared to the immediate preceding quarter in 2012 and the same quarter one year ago. With Juniata's initiation of secondary market loan origination activities in 2012, a significant increase in gains on the sale of loans was realized in the fourth quarter of 2012 as compared to the fourth quarter of 2011; however, gains from this activity in the fourth quarter of 2012 were less than in the third quarter of 2012. As compared to the immediate preceding quarter, income derived from loan activity, commissions from the sale of non-deposit products and trust fees were less in the fourth quarter of 2012, however each of those categories of earnings in the fourth quarter of 2012 increased as compared to the same quarter one year earlier. Non-interest expense increased in the fourth quarter of 2012 by 2.0% and 2.5%, respectively, when compared to the immediate preceding quarter and to the same quarter one year ago, in each instance due primarily to the increased cost of providing medical insurance and retirement benefits to employees.

Net income and fully-diluted earnings per share for the year ended December 31, 2012 were \$3,648,000 and \$0.86, respectively. These earnings measures compared to \$4,680,000 and \$1.10, respectively, for the previous year. As a new activity, Juniata began the origination of residential mortgage loans with the intent to sell into the secondary market in 2012. As a result, non-interest income in 2012 was enhanced by \$567,000. Year-to-date earnings for 2012 were negatively impacted by an unusually large provision for loan losses of \$1,108,000 in the first quarter of 2012, due to specific loan loss provisions associated with two impaired loan relationships, and reached \$1,411,000 for the year, comparing to \$364,000 for the 2011 year. Otherwise, the 2012 year was generally impacted by the same factors mentioned above for the fourth quarter of 2012; Total assets on December 31, 2012 were \$448.9 million, which represented an increase of 0.3% from December 31, 2011.

On January 15, 2013, Juniata Valley Financial Corp.'s Board of Directors declared a cash dividend of \$0.22 per share for the first quarter of 2013, payable on March 1, 2013 to shareholders of record on February 15, 2013.

Management considers subsequent events occurring after the balance sheet date for matters which may require adjustment to, or disclosure in, the consolidated financial statements. The review period for subsequent events extends up to and including the filing date of a public company's consolidated financial statements when filed with the Securities and Exchange Commission ("SEC"). Accordingly, the financial information in this announcement is subject to change.

The Juniata Valley Bank, the principal subsidiary of Juniata Valley Financial Corp., is headquartered in Mifflintown, Pennsylvania, with twelve community offices located in Juniata, Mifflin, Perry and Huntingdon Counties. In addition, Juniata Valley owns 39.16% of Liverpool Community Bank, which it carries under the equity method of accounting. More information regarding Juniata Valley Financial Corp. and The Juniata Valley Bank can be found online at www.JVBonline.com. Juniata Valley Financial Corp. trades over the counter under the symbol JUVF.OB.

*This press release may contain "forward looking" information as defined by the Private Securities Litigation Reform Act of 1995. When words such as "believes", "expects", "anticipates" or similar expressions are used in this release, Juniata Valley is making forward-looking statements. Such information is based on Juniata Valley's current expectations, estimates and projections about future events and financial trends affecting the financial condition of its business. These statements are not historical facts or guarantees of future performance, events or results. Such statements involve potential risks and uncertainties and, accordingly, actual results may differ materially from this "forward looking" information. Many factors could affect future financial results including, without limitation, the impact of adverse changes in the economy and real estate markets, including protracted periods of low-growth and sluggish loan demand; the effect of market interest rates, particularly a continuing period of low market interest rates, and relative balances of rate-sensitive assets to rate-sensitive liabilities, on net interest margin and net interest income; the effect of competition on rates of deposit and loan growth and net interest margin; increases in nonperforming assets, which may result in increases in the allowance for credit losses, loan charge-offs and elevated collection and carrying costs related to such non-performing assets; other income growth, including the impact of regulatory changes which have reduced debit card interchange revenue; investment securities gains and losses, including other than temporary declines in the value of securities which may result in charges to earnings; the level of other expenses, including salaries and employee benefit expenses; the increasing time and expense associated with regulatory compliance and risk management; the uncertainty and lack of clear regulatory guidance associated with the delay in implementing many of the regulations mandated by the Dodd Frank Act; and capital and liquidity strategies, including the expected impact of the capital and liquidity requirements proposed by the Basel III standards. Juniata Valley undertakes no obligation to publicly update or revise forward looking information, whether as a result of new or updated information, future events, or otherwise. For a more complete discussion of certain risks and uncertainties affecting Juniata Valley, please see the sections entitled "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations - Forward-Looking Statements" set forth in the Juniata Valley's filings with the Securities and Exchange Commission.

Juniata Valley Financial Corp. and Subsidiary

Consolidated Statements of Financial Condition

(in thousands, except share data)

| (in thousands, except share data) | | | | | |
|--|-----------------------------|----------|-----------------------------|------------------|--|
| | (1) December 31, 2012 | | (2) December 31, 2011 | | |
| ASSETS | | | | | |
| Cash and due from banks | \$ | 14,261 | \$ | 12,074 | |
| Interest bearing deposits with banks | Ŧ | 136 | + | 2,100 | |
| Cash and cash equivalents | | 14,397 | | 14,174 | |
| Interest bearing time deposits with banks | | 847 | | | |
| Securities available for sale | | 122,338 | | 1,096 111,281 | |
| Restricted investment in Federal Home Loan Bank (FHLB) stock | | 122,338 | | 1,700 | |
| Investment in unconsolidated subsidiary | | 4,000 | | 3,796 | |
| investment in unconsolidated subsidiary | | 4,000 | | 3,790 | |
| Total loans | | 277,500 | | 289,681 | |
| Less: Allowance for loan losses | | (3,281) | | (2,931) | |
| Total loans, net of allowance for loan losses | | 274,219 | | 286,750 | |
| Premises and equipment, net | | 6,472 | | 6,710 | |
| Other real estate owned | | 428 | | 427 | |
| Bank owned life insurance and annuities | | 14,402 | | 14,069 | |
| Equity investment in low income housing project | | 3,796 | | 393 | |
| Core deposit intangible | | 164 | | 209 | |
| Goodwill | | 2,046 | | 2,046 | |
| Accrued interest receivable and other assets | | 4,034 | | 4,782 | |
| Total assets | \$ | 448,869 | \$ | 447,433 | |
| LIADII PUES AND STOCKHOLDEDS' E | | | | | |
| LIABILITIES AND STOCKHOLDERS' E Liabilities: | QUILI | | | | |
| Deposits: | | | | | |
| Non-interest bearing | \$ | 71,318 | \$ | 64,751 | |
| Interest bearing | Ψ | 315,433 | Ψ | 321,914 | |
| Total deposits | | 386,751 | | 386,665 | |
| Securities sold under agreements to repurchase | | 3,836 | | 3,500 | |
| Short-term borrowings | | 1,600 | | 5,500 | |
| Other interest bearing liabilities | | 1,305 | | 1,244 | |
| Accrued interest payable and other liabilities | | 5,080 | | 6,304 | |
| Total liabilities | | 398,572 | | 397,713 | |
| Stockholders' Equity: | | 0,0,072 | | 0,7,710 | |
| Preferred stock, no par value: | | | | | |
| Authorized - 500.000 shares, none issued | | - | | - | |
| Common stock, par value \$1.00 per share: | | | | | |
| Authorized - 20,000,000 shares | | | | | |
| Issued - 4,745,826 shares | | | | | |
| Outstanding - | | | | | |
| 4,218,361 shares at December 31, 2012; | | | | | |
| 4,228,218 shares at December 31, 2011 | | 4,746 | | 4,746 | |
| Surplus | | 18,346 | | 18,363 | |
| Retained earnings | | 38,824 | | 38,900 | |
| Accumulated other comprehensive loss | | (1,419) | | (2,256) | |
| Cost of common stock in Treasury: | | | | | |
| 527,465 shares at December 31, 2012; | | | | | |
| 517,608 shares at December 31, 2011 | | (10,200) | | (10,033) | |
| Total stock holders' equity | | 50,297 | | 49,720 | |
| Total liabilities and stockholders' equity | \$ | 448,869 | \$ | 447,433 | |
| | | | | | |

(1) Unaudited

(2) Unaudited but derived from audited financial statements; does not include related disclosures.

Juniata Valley Financial Corp. and Subsidiary

Consolidated Statements of Income

(Unaudited, in thousands, except share data)

| (Chindaned, in the | | Three Mo | | , | Twelve Months Ended | | | | | |
|---|--------------|----------|----------|--------------|---------------------|--------------|----|-----------|--|--|
| | December 31, | | | December 31, | | | | | | |
| | | 2012 | | 2011 | | 2012 | | 2011 | | |
| Interest income: | | | | | | | | | | |
| Loans, including fees | \$ | 3,893 | \$ | 4,380 | \$ | 16,092 | \$ | 17,857 | | |
| Taxable securities | | 307 | | 346 | | 1,311 | | 1,240 | | |
| Tax-exempt securities | | 184 | | 212 | | 738 | | 901 | | |
| Other interest income | | 6 | | 7 | | 29 | | 35 | | |
| Total interest income | | 4,390 | | 4,945 | | 18,170 | | 20,033 | | |
| Interest expense: | | | | | | <u> </u> | | | | |
| Deposits | | 847 | | 1,032 | | 3,621 | | 4,560 | | |
| Securities sold under agreements to repurchase | | 2 | | 1 | | 4 | | 3 | | |
| Short-term borrowings | | 1 | | 1 | | 1 | | 1 | | |
| Other interest bearing liabilities | | 4 | | 7 | | 22 | | 27 | | |
| Total interest expense | | 854 | | 1,041 | | 3,648 | | 4,591 | | |
| Net interest income | | 3,536 | | 3,904 | | 14,522 | | 15,442 | | |
| Provision for loan losses | | 174 | | 100 | | 1,411 | | 364 | | |
| Net interest income after provision for loan losses | | 3,362 | | 3,804 | | 13,111 | | 15,078 | | |
| Non-interest income: | | - , | | - , | | - / | | - , | | |
| Customer service fees | | 325 | | 331 | | 1,282 | | 1,346 | | |
| Debit card fee income | | 198 | | 189 | | 809 | | 792 | | |
| Earnings on bank-owned life insurance and annuities | | 105 | | 112 | | 450 | | 478 | | |
| Trust fees | | 74 | | 72 | | 379 | | 388 | | |
| Commissions from sales of non-deposit products | | 65 | | 52 | | 353 | | 273 | | |
| Income from unconsolidated subsidiary | | 69 | | 66 | | 249 | | 263 | | |
| Fees derived from loan activity | | 51 | | 37 | | 197 | | 152 | | |
| Gains on sales of loans | | 147 | | - | | 567 | | - | | |
| Gain on calls of securities | | - | | _ | | 2 | | 6 | | |
| Gain from life insurance proceeds | | | | | | 53 | | 0 | | |
| Other non-interest income | | 68 | | 71 | | 251 | | 248 | | |
| Total non-interest income | | 1,102 | | 930 | | 4,592 | | 3,946 | | |
| Non-interest expense: | | 1,102 | | 930 | | 4,392 | | 5,940 | | |
| Employee compensation expense | | 1,309 | | 1,348 | | 5,190 | | 5,258 | | |
| Employee compensation expense Employee benefits | | 583 | | 528 | | 2,096 | | 1,686 | | |
| Occupancy | | 240 | | 226 | | 2,090 929 | | 957 | | |
| Equipment | | 126 | | 130 | | 510 | | 569 | | |
| | | 366 | | 331 | | | | 1.326 | | |
| Data processing expense Director compensation | | 57 | | 63 | | 1,440 234 | | 284 | | |
| Professional fees | | | | | | | | | | |
| | | 76 | | 121 | | 362 | | 462 | | |
| Taxes, other than income | | 92 | | 122 | | 438 | | 496 | | |
| FDIC Insurance premiums | | 85 | | 78 | | 327 | | 369 | | |
| Loss (gain) on sales of other real estate owned | | 31 | | (28) | | 34 | | (56) | | |
| Amortization of intangibles | | 11 | | 11 | | 45 | | 45 | | |
| Other non-interest expense | | 363 | | 300 | | 1,472 | | 1,406 | | |
| Total non-interest expense | | 3,339 | | 3,230 | | 13,077 | | 12,802 | | |
| Income before income taxes | | 1,125 | | 1,504 | | 4,626 | | 6,222 | | |
| Provision for income taxes | | 242 | <u>_</u> | 368 | | 978 | - | 1,542 | | |
| Net income | \$ | 883 | \$ | 1,136 | \$ | 3,648 | \$ | 4,680 | | |
| Earnings per share | | _ | | _ | | | | | | |
| Basic | \$ | 0.20 | \$ | 0.26 | \$ | 0.86 | \$ | 1.10 | | |
| Diluted | \$ | 0.20 | \$ | 0.26 | \$ | 0.86 | \$ | 1.10 | | |
| Cash dividends declared per share | \$ | 0.22 | \$ | 0.22 | \$ | 0.88 | \$ | 0.86 | | |
| Weighted average basic shares outstanding | | ,230,469 | | ,235,391 | | 4,231,404 | | 4,241,286 | | |
| Weighted average diluted shares outstanding | 4 | ,231,888 | 4 | ,238,318 | | 4,233,448 | | 4,244,507 | | |

Juniata Valley Financial Corp. and Subsidiary

Consolidated Statements of Income

(Unaudited, in thousands, except share data)

| (Unaudited, in thousands, except | - | | | | |
|---|-----------------------|-----------------------|--|--|--|
| | | onths Ended | | | |
| | December 31 2012 | September 30, 2012 | | | |
| Interest income: | | | | | |
| Loans, including fees | \$ 3,893 | \$ 3,930 | | | |
| Taxable securities | 307 | 337 | | | |
| Tax-exempt securities | 184 | 190 | | | |
| Other interest income | 6 | 7 | | | |
| Total interest income | 4,390 | 4,464 | | | |
| Interest expense: | | | | | |
| Deposits | 847 | 891 | | | |
| Securities sold under agreements to repurchase | 2 | 1 | | | |
| Short-term borrowings | 1 | - | | | |
| Other interest bearing liabilities | 4 | 6 | | | |
| Total interest expense | 854 | 898 | | | |
| Net interest income | 3,536 | 3,566 | | | |
| Provision for loan losses | 174 | 5,500 60 | | | |
| Net interest income after provision for loan losses | 3,362 | 3,506 | | | |
| Non-interest income: | 5,502 | 5,500 | | | |
| Non-interest income. | | | | | |
| Customer service fees | 325 | 323 | | | |
| Debit card fee income | 198 | 202 | | | |
| Earnings on bank-owned life insurance and annuities | 105 | 134 | | | |
| Trust fees | 74 | 85 | | | |
| Commissions from sales of non-deposit products | 65 | 128 | | | |
| Income from unconsolidated subsidiary | 69 | 62 | | | |
| Fees derived from loan activity | 51 | 56 | | | |
| Gain on sale of loans | 147 | 208 | | | |
| Other non-interest income | 68 | 55 | | | |
| Total non-interest income | 1,102 | 1,253 | | | |
| Non-interest expense: | 1,102 | 1,200 | | | |
| Employee compensation expense | 1,309 | 1,314 | | | |
| Employee benefits | 583 | 500 | | | |
| Occupancy | 240 | 231 | | | |
| Equipment | 126 | 125 | | | |
| Data processing expense | 366 | 364 | | | |
| Director compensation | 57 | 58 | | | |
| Professional fees | 57 76 | 105 | | | |
| Taxes, other than income | 92 | 105 | | | |
| FDIC Insurance premiums | 85 | 82 | | | |
| Loss on sales of other real estate owned | 31 | 4 | | | |
| Amortization of intangibles | 11 | 12 | | | |
| Other non-interest expense | 363 | 363 | | | |
| Total non-interest expense | 3,339 | 3,273 | | | |
| Income before income taxes | | | | | |
| | 1,125 | 1,486 | | | |
| Provision for income taxes | <u>242</u> | \$ 1,122 | | | |
| Net income | \$ 883 | \$ 1,132 | | | |
| Earnings per share | * ~ * ~ | ** - | | | |
| Basic | \$0.20 | \$0.27 | | | |
| Diluted | \$0.20 | \$0.27 | | | |
| Cash dividends declared per share | \$0.22 | \$0.22 | | | |
| Weighted average basic shares outstanding | 4,230,469 | 4,235,207 | | | |
| Weighted average diluted shares outstanding | 4,231,888 | 4,236,542 | | | |