



## Farm Lending Remains Muted in Early 2021

by: Nate Kauffman and Ty Kreitman

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Farm loan demand remained muted at commercial banks in the first quarter of 2021. A reduction in the volume of operating loans led to an overall decline in total non-real estate lending. Financing activity also declined more notably at banks with relatively large farm loan portfolios, while lending was more stable among small and mid-size lenders.

Factors specific to the pandemic in 2020 likely contributed to the reduced lending activity as the year progressed. Substantial government aid through various programs in 2020 provided financial support, which may have mitigated some producers' financing needs toward the end of the year. In addition, the Small Business Administration's Paycheck Protection Program accounted for a sizable share of loans reported, and likely displaced a portion of typical financing needs for some borrowers.

Despite some ongoing challenges for cattle producers, financial conditions in agriculture remained favorable alongside strength in other major agricultural commodity markets. The outlook for the sector in 2021 remained significantly improved from recent years, but rising input costs could also weigh on profit margins in the months ahead.

### First Quarter National Survey of Terms of Lending to Farmers

Agricultural lending activity at commercial banks declined at a measured pace in the first quarter, according to the National Survey of Terms of Lending to Farmers.<sup>[1]</sup> The total volume of non-real estate farm loans was about 10% less than a year ago, continuing a recent trend of reduced loan demand (Chart 1). Lending has tracked below the recent historical average on a rolling four quarter basis since the beginning of 2020 and declined at an average pace of about 4% over that time.

Reduced demand for loans to finance operating expenses drove the overall decline in non-real estate financing. Operating loans decreased by about \$12 billion from a year ago, which represented nearly all of the drop in non-real estate farm lending (Chart 2). Large commercial banks also accounted for most of the decline from a year earlier. Loan volumes fell by nearly 14% at large banks, compared with a decrease of less than 1% at banks with smaller portfolios.<sup>[2]</sup>

In addition to a contraction in new operating debt, bankers booked loans with historically long durations. The amount of new operating debt declined to the lowest level for the first quarter since 2012, while the average maturity of those loans was the highest for any quarter on record (Chart 3). With a decline of about 20% from a year ago, operating loan volume retreated to the average of the past ten years on a rolling four-quarter basis.

Small agricultural banks drove the expanded length of loan maturities and cut interest rates at a faster pace than larger lenders. The average maturity of all non-real estate loans made by small or mid-size banks increased by more than 3.5 months from a year ago and reached a historic high (Chart 4). In addition, the average interest rate on loans made by those same lenders declined at a faster pace than in previous quarters. <sup>[2]</sup>

Alongside ongoing challenges in the cattle sector related to limited profits and severe drought in some regions, the slowdown in financing for livestock in the first quarter was also notable. The volume of loans for feeder livestock decreased about 11% from a year ago and remained well below the average of the past ten years (Chart 5). There were a similar number of new feeder livestock loans compared with last year, however; the average size of those loans continued to decline.

## Data and Information

[National Survey of Terms of Lending to Farmers Historical Data](#)

[National Survey of Terms of Lending to Farmers Tables](#)

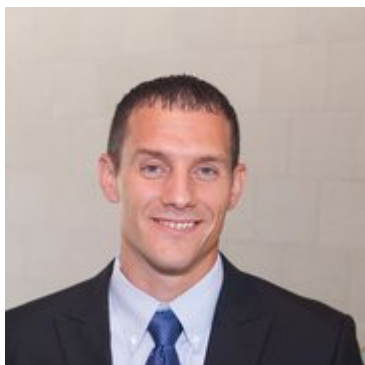
[About the National Survey of Terms of Lending to Farmers](#)

## Endnotes

<sup>[1]</sup> Loans made as part of the Small Business Administration (SBA) Paycheck Protection Program (PPP) and reported by banks in the Survey of Terms of Lending to Farmers are excluded from all data calculations.

<sup>[2]</sup> “Small or Mid-size” includes banks that have portfolios with \$25 million or less in farm loans. “Large” includes banks that have portfolios with more than \$25 million in farm loans. Based on Call Report information as of December 31, 2020, the panel of banks participating in the Q1 2021 Survey of Terms of Lending was 45% “Small or mid-size” banks and 55% “Large” banks.

## Authors



### Nate Kauffman

#### Senior Vice President, Economist, and Omaha Branch Executive; Executive Director of the Center for Agriculture and the Economy

Nate Kauffman is Senior Vice President and Omaha Branch Executive at the Federal Reserve Bank of Kansas City. In his role as the Kansas City Fed's lead economist and representative in the state of Nebraska, Nate provides strategic direction and oversight for the Omaha Branch, regional research, and economic outreach throughout the state. He serves as a local connection to the nation's central bank and is responsible for briefing the Kansas City Fed's president – a member of the Federal Open Market Committee – on regional economic and business activity. In addition, Nate serves as Executive Director of the Bank's Center for Agriculture and the Economy. He is a leading voice on the agricultural economy throughout the seven states of the Tenth Federal Reserve District and the broader Federal Reserve System. Nate oversees several Bank and Federal Reserve efforts to track agricultural economic and financial conditions. He also speaks regularly on the agricultural economy to industry audiences and the news media, including providing testimonies at both U.S. Senate and U.S. House Agriculture Committee hearings. Nate joined the Federal Reserve in 2012. He received his Ph.D. in economics from Iowa State University. Prior to receiving his Ph.D., Nate spent three years in Bosnia and Herzegovina coordinating agricultural economic development projects. Nate lives in Omaha with his wife and four children.

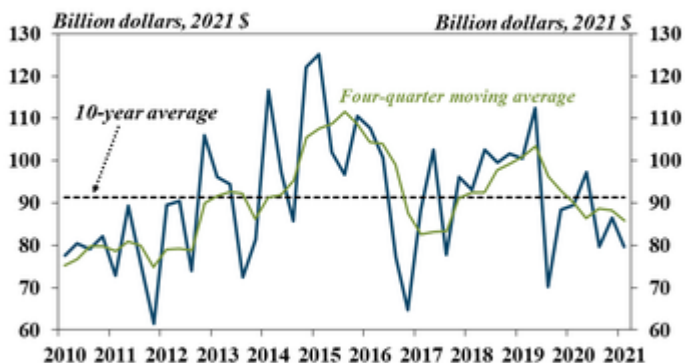


### Ty Kreitman

#### Associate Economist

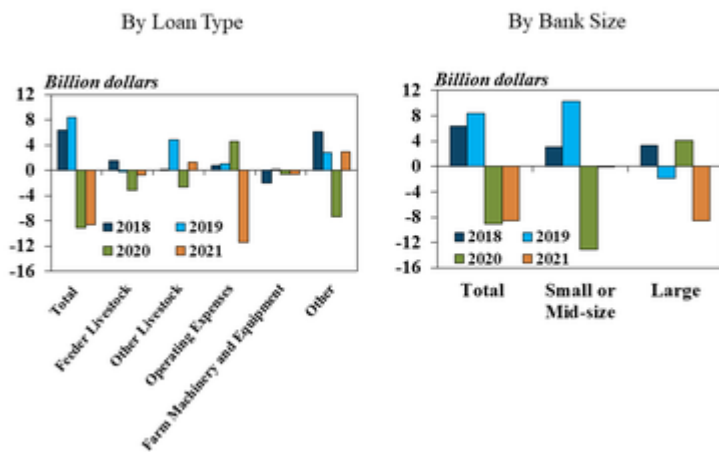
Ty Kreitman is an associate economist in the Regional Affairs Department at the Omaha Branch of the Federal Reserve Bank of Kansas City. In this role, he primarily supports the Federal Reserve Bank of Kansas City and the Federal Reserve System efforts surrounding agricultural economics research, analysis and outreach. His responsibilities include co-authoring the *Tenth District Survey of Agricultural Credit Conditions* and *Agricultural Finance Updates*. Ty joined the Bank in 2015 as an assistant bank examiner in the Examinations & Inspections Department at the Omaha Branch and transferred to his current position in 2018. He holds a B.A. degree in Economics and Finance from the University of Nebraska-Lincoln and a M.A. degree in Financial Economics from Youngstown State University.

**Chart 1: Volume of Total Non-Real Estate Farm Loans**



Sources: Survey of Terms of Lending to Farmers and Federal Reserve Bank of Kansas City.

**Chart 2: Annual Change in Loan Volume, First Quarter**

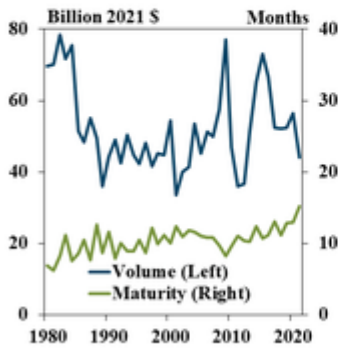


Note: "Small or Mid-size" includes banks that have portfolios with \$25 million or less in farm loans. "Large" includes banks that have portfolios with more than \$25 million in farm loans.

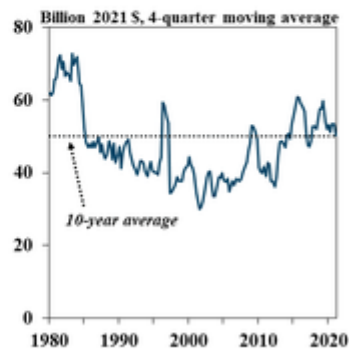
Sources: Survey of Terms of Lending to Farmers and Federal Reserve Bank of Kansas City.

### Chart 3: Loans for Farm Operating Expenses

Loan Volume and Average Maturity, First Quarter



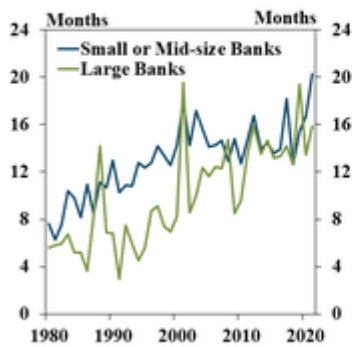
Historical Volume



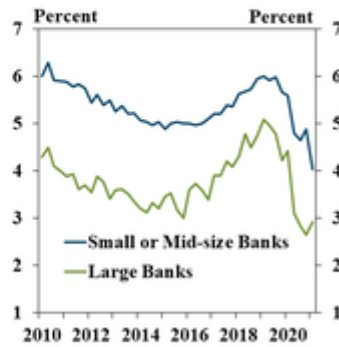
Sources: Survey of Terms of Lending to Farmers and Federal Reserve Bank of Kansas City.

### Chart 4: Average Maturity and Interest Rates on Non-Real Estate Farm Loans by Bank Size

Average Loan Maturity, First Quarter



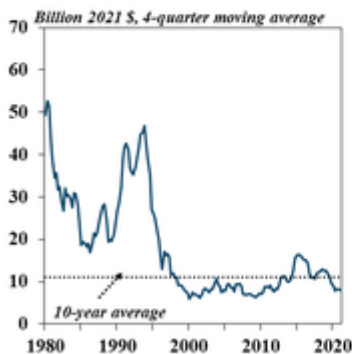
Average Interest Rates



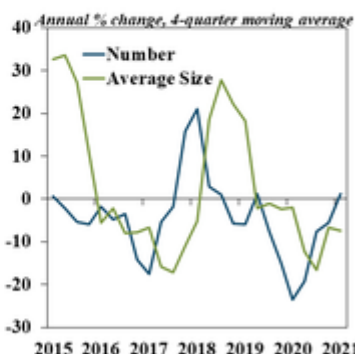
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Sources: Survey of Terms of Lending to Farmers and Federal Reserve Bank of Kansas City.

### Chart 5: Feeder Livestock Loans

Volume



Number and Average Loan Size



Sources: Survey of Terms of Lending to Farmers and Federal Reserve Bank of Kansas City.