



March 20, 2023

WADING THROUGH FINANCIAL STABILITY RISKS: AN ACTION PLAN

George Smith, CFA, *Portfolio Strategist, LPL Financial*

Jeffrey Buchbinder, CFA, *Chief Equity Strategist, LPL Financial*

Lawrence Gillum, CFA, *Fixed Income Strategist, LPL Financial*

The Federal Reserve (Fed) has a history of raising short-term interest rates until something “breaks.” Considering the Fed has raised rates from a near-zero level to 4.75% (upper bound) over the course of only one year, it was almost a near certainty this time would be no different. Recent bank failures suggest things are indeed starting to break. However, we don’t think we’re on the brink of a full-blown crisis, as market indicators we follow suggest contagion risks are still currently low. And while we don’t think a full-blown crisis is imminent, financial stability risks have clearly increased, which makes a prudent asset allocation plan a must.

CONTAGION

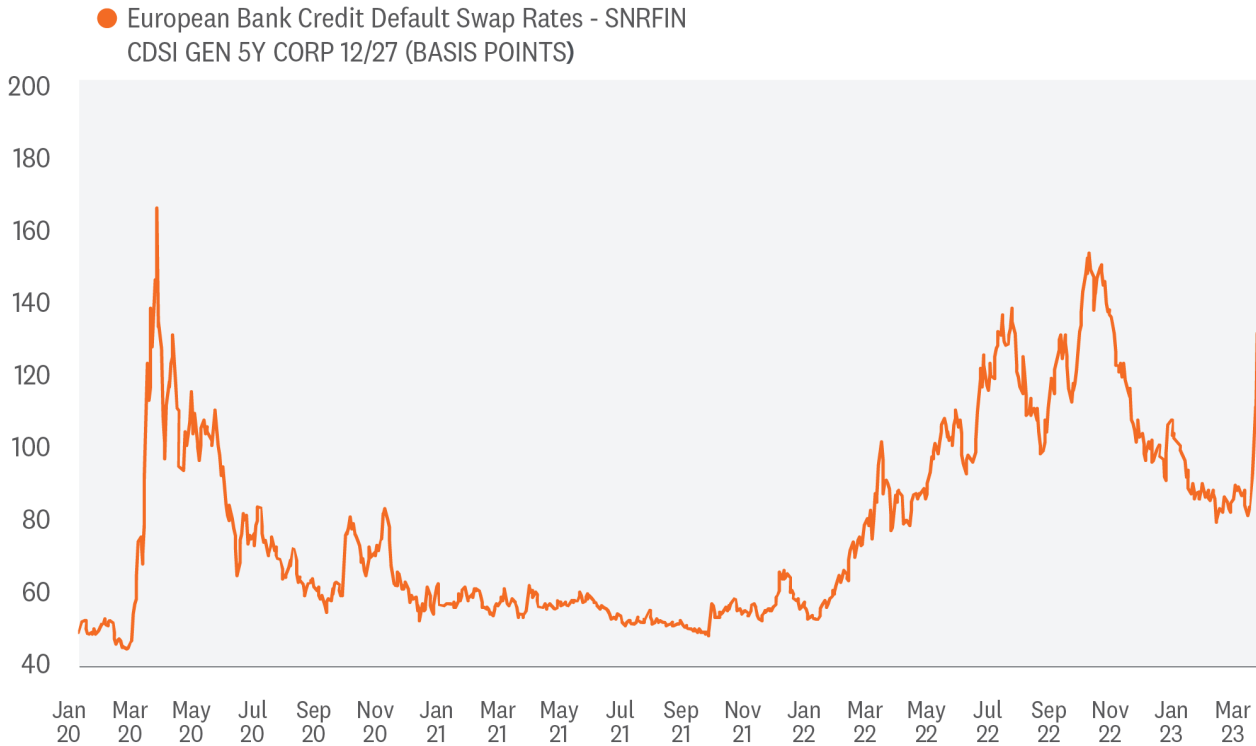
The aftermath of the Silicon Valley Bank (SVB) and other bank failures in the U.S. rippled into Europe last week as Credit Suisse’s (CS) troubles moved firmly into the spotlight. The Swiss bank’s shares slid to an all-time low on Wednesday after the Saudi National Bank (which owns almost 10% of CS) stated it would not provide additional financial support after CS earlier acknowledged “material weakness” in its financial reporting. This followed a series of missteps and compliance issues that have hindered the bank’s global standing in recent years.

Then, on Thursday, the Swiss National Bank (SNB) issued a note aiming to regain confidence in CS, saying they “will provide liquidity to the global active bank if necessary”. Hours later CS announced it had taken the SNB up on this offer and would borrow up to \$54 billion (50 billion Swiss Francs) in what the bank called a “decisive action to pre-emptively strengthen its liquidity.” After a week of such high drama, which culminated in UBS’ takeover of Credit Suisse over the weekend, we look at a few key indicators to gauge how various market indicators we watch are reacting to the turmoil in the banking sector.

The word at the top of everyone’s mind at the moment is “contagion”: Will the troubles at SVB, CS, and others spread to the wider banking sector and lead to a 2008-like banking crisis? Credit Default Swaps (CDS), a derivative financial instrument that market participants can use to insure against default, on European banks so far don’t seem to be indicating contagion in the European banking sector (**Figure 1**). Prior to the UBS tie-up, the CDS on CS may have reached deep distressed levels not seen at a major global bank since the financial crisis, but European bank sector CDS are still below levels seen as recently as fall 2022.

1 EUROPEAN BANK CREDIT DEFAULT SWAPS NOT YET SIGNALING CONTAGION

Cost to Insure Against Default of European Banks Hasn't Reached 2022 Highs



Source: LPL Research, Bloomberg, 03/16/23

Forecasts may not develop as predicted. Past performance is no guarantee of future results.

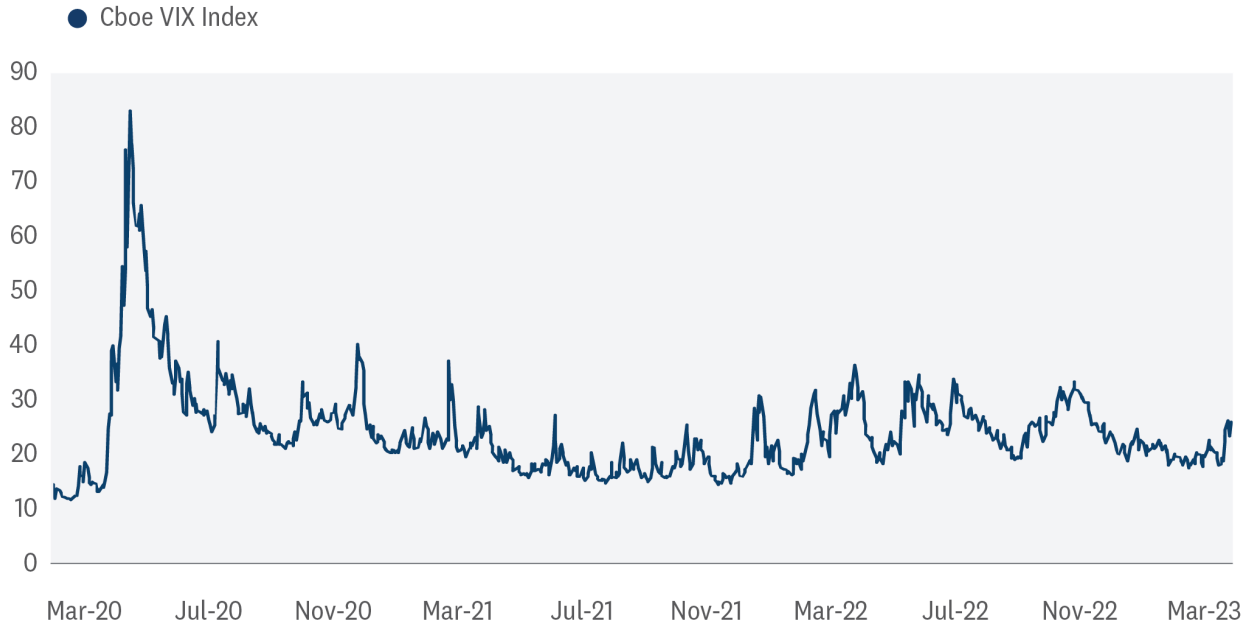
A CDS contract is a derivative product that protects the CDS buyer from a credit default of the underlying security. Credit risk is transferred to the seller, who receives a premium. As credit risk increases or decreases, the contract premium goes up and down.

Back to domestic equity markets, the CBOE (Chicago Board Options Exchange) Volatility Index, commonly referred to as the VIX, is sometimes known as the “fear gauge”. Based on the VIX, the response to banking troubles from equity markets has been fairly subdued and certainly hasn’t indicated a wider panic is taking hold in the markets. The VIX is near 25, up around 6 points, or 30%, since the middle of last week, but this level only places it in the top 39% of readings over the last year (although the last year has been abnormally volatile and over the last 10 years the current reading would be in the top 13%) (Figure 2).

2

STOCK VOLATILITY INDEX RESPONSE HAS BEEN SUBDUED SO FAR

The VIX Has Jumped but is Well Below Levels Seen Throughout Much of 2022



Source: LPL Research, Bloomberg, 03/16/23

Forecasts may not develop as predicted.

Past performance is no guarantee of future results.

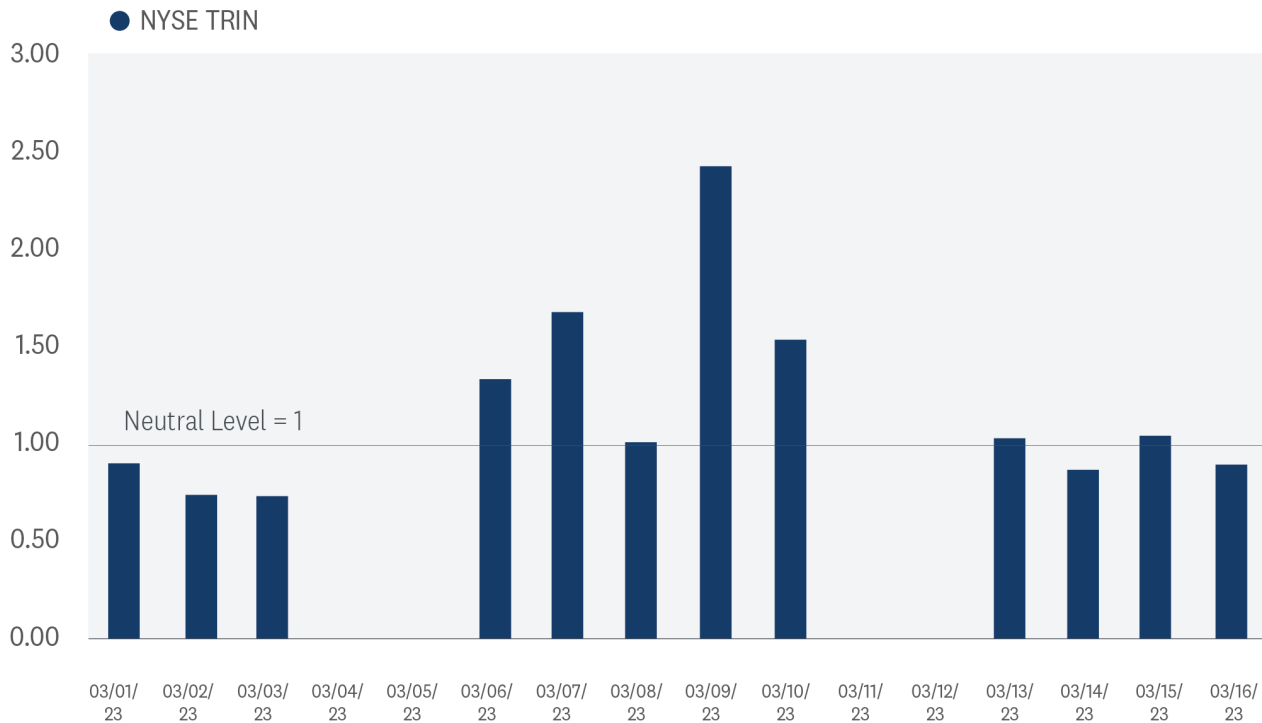
Indexes are unmanaged and cannot be invested into directly.

A market sentiment indicator we watch to assess stock selling pressure is the New York Stock Exchange (NYSE) Short Term Trading Index (TRIN), also known as the ARMS index. It is a technical indicator that measures the velocity of trading by looking at advancing/declining volumes and advancing/declining stocks. A TRIN score above 2 can be interpreted as a signal that the velocity of selling is at an extreme, while around 1 is considered neutral. The velocity of selling did spike on Thursday last week, indicating some panic sellers, but since then the TRIN has been at very average levels (Figure 3).

3

VELOCITY OF SELLING SPIKED PRE-SVB BUT NOW BACK TO NORMAL LEVELS

TRIN Index Score Over 2 Considered Extreme "Panic" Selling



Source: LPL Research, Bloomberg, 03/16/23

Past performance is no guarantee of future results.

Indexes are unmanaged and cannot be invested into directly

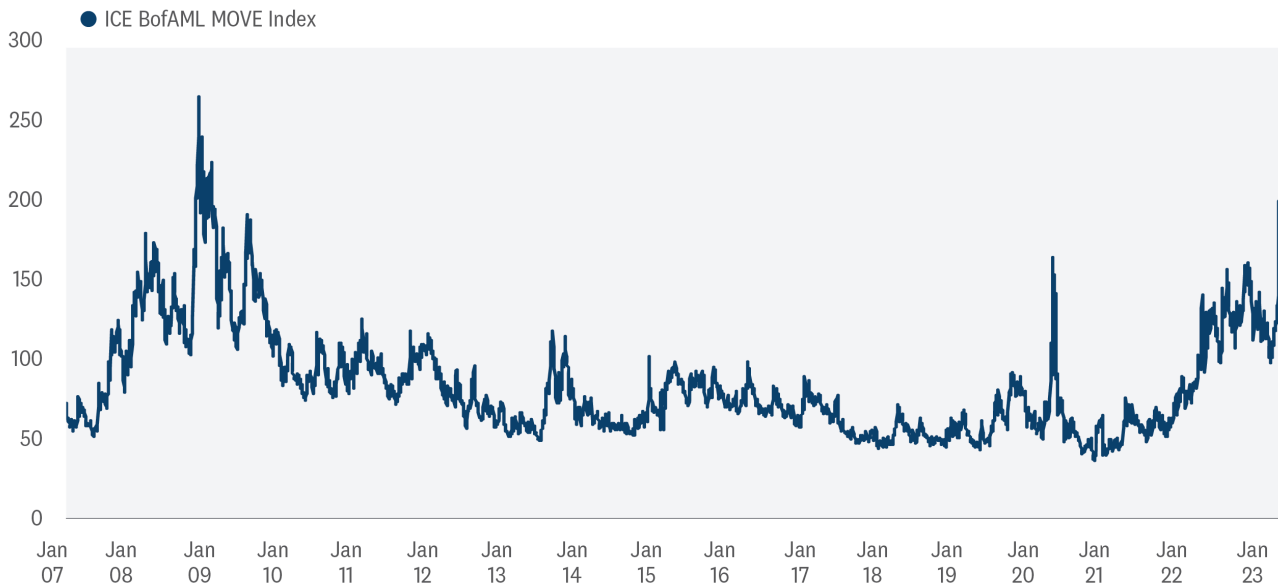
A more extreme signal is coming from the bond markets where the MOVE Index (Merrill Lynch Option Volatility Estimate) is hitting levels not seen since 2008. The MOVE Index tracks the expected volatility of U.S. Treasury yields implied by option prices (much like the VIX does for equities). Generally, the MOVE and VIX tend to be correlated but do diverge significantly at times, as they are now.

Volatility in Treasuries has been rising since the start of 2021 when the bond markets started sniffing out that the Fed may need to take action to tackle rising inflation and has been extremely elevated since the start of 2022. What was already an important rate decision this week has taken on epic proportions since the banking turmoil. Fed Chair Jerome Powell seemed to have opened the door to a 50 basis point (0.5%) hike during his congressional testimony (pre-SVB) and now he is caught in a tough spot between sticking with even a 25 basis point (0.25%) hike or pausing and not hiking at all to help ease stress on the banks. All of this uncertainty has sent the MOVE index skyrocketing (Figure 4).

4

FIXED INCOME VOLATILITY AT HIGHEST LEVEL SINCE DECEMBER 2008

Fed Rate Hiking Cycle Thrown Into Doubt by Banking Weakness



Source: LPL Research, Bloomberg, 03/16/23

All indexes are unmanaged and cannot be invested into directly. Past performance is no guarantee of future results.

A CDS contract is a derivative product that protects the CDS buyer from a credit default of the underlying security. Credit risk is transferred to the seller, who receives a premium. As credit risk increases or decreases, the contract premium goes up and down.

OTHER FINANCIAL INDICATORS

The financial indicators listed above are just some of the metrics we use to measure financial market stress. Other, more traditional metrics, such as U.S. high yield corporate credit spreads and the health of the short-term funding markets, also suggest the recent banking challenges are contained. Certainly, this is a highly fluid situation, and we know confidence in the banking system is key in preventing these isolated events from turning into something more systemic, but from our seats, we do not think a banking crisis is imminent.

ASSET ALLOCATION VIEWS

It's easy to forget about long-term investment objectives when markets are fluctuating widely, but it is those moments when sticking to a well thought out plan is most critical. It's also a reminder why a diversified asset allocation plan is important.

In response to ongoing market volatility, we would consider adding preferred securities exposure to fixed income allocations. At this point, we are taking a wait and see approach on the banks while closely watching the latest developments. The technology sector looks better to us here, while precious metals warrant consideration on the long side.

Our updated thoughts on asset allocation are outlined below.

Equities vs. Fixed Income. LPL Research’s Strategic and Tactical Asset Allocation Committee (STAAC) remains slightly overweight equities after the Committee reduced its suggested equity exposure and moved higher in quality in fixed income about three weeks ago. While we believe investors should react to recent developments in the banking sector with some caution due to ongoing risk of deposit flight, the backstops provided by central banks and bank regulators over the past week have given us confidence the crisis will be contained. But sentiment remains fragile and technical indicators we follow suggest some caution is prudent.

Value vs. Growth. The recent dip in interest rates and our technical analysis work suggest it makes sense to shift some toward growth and get closer to neutral despite above-average valuation discounts on the value side. The Committee now recommends benchmark technology sector exposure.

Small Caps vs. Large Caps. The near-term outlook for small cap stocks is challenged given larger financial sector weights, but the asset class offers compelling valuations, in our view, to support attractive returns over the next 9 to 12 months—our targeted tactical asset allocation time horizon.

Developed International vs. Emerging Markets. European bank stress and a potential flight-to-safety rally in the U.S. dollar create near-term headwinds for developed international equities. The STAAC remains comfortable with its neutral stance, its underweight position in emerging markets equities, and slight overweight for U.S.

Financials Sector. The ongoing fragility of the banking system, coupled with the negative impact on bank profits from these recent events, leaves us neutral on financials for now with a strong preference for high quality. Fundamentals and valuations suggest the insurance industry looks ripe for opportunities.

Commodities. We consider precious metals an attractive opportunity, particularly gold, in this macro environment. Rising recession risks have weighed more heavily on industrial metals and energy, offsetting catalysts from China’s ongoing economic reopening. The technical setup for West Texas Intermediate (WTI) has deteriorated, and we are waiting for more evidence of price stability before making a bullish call on oil.

Fixed Income Positioning. On the fixed income side, the Committee continues to believe a mostly up-in-quality approach makes sense. Core bond sectors (U.S. Treasuries, Agency mortgage-backed securities [MBS], investment grade corporates) offer income potential and provide diversification to equity market stresses. Preferred securities are the only “plus” sector

we believe is worth a small allocation due to valuation discounts offered by the ongoing bank health concerns. The STAAC continues to view high-quality core bonds as good diversifiers offering attractive yields in the current environment.

Bottom line, we believe tactical investors should be maintaining their multi-asset allocations at or near benchmark levels with an emphasis on diversification. We continue to monitor bank industry and macro conditions and will communicate any changes to our tactical views as they occur.

IMPORTANT DISCLOSURES

This material is for general information only and is not intended to provide specific advice or recommendations for any individual. There is no assurance that the views or strategies discussed are suitable for all investors or will yield positive outcomes. Investing involves risks including possible loss of principal. Any economic forecasts set forth may not develop as predicted and are subject to change.

References to markets, asset classes, and sectors are generally regarding the corresponding market index. Indexes are unmanaged statistical composites and cannot be invested into directly. Index performance is not indicative of the performance of any investment and do not reflect fees, expenses, or sales charges. All performance referenced is historical and is no guarantee of future results.

Any company names noted herein are for educational purposes only and not an indication of trading intent or a solicitation of their products or services. LPL Financial doesn't provide research on individual equities.

All information is believed to be from reliable sources; however, LPL Financial makes no representation as to its completeness or accuracy.

US Treasuries may be considered "safe haven" investments but do carry some degree of risk including interest rate, credit, and market risk. Bonds are subject to market and interest rate risk if sold prior to maturity. Bond values will decline as interest rates rise and bonds are subject to availability and change in price.

The Standard & Poor's 500 Index (S&P500) is a capitalization-weighted index of 500 stocks designed to measure performance of the broad domestic economy through changes in the aggregate market value of 500 stocks representing all major industries.

The PE ratio (price-to-earnings ratio) is a measure of the price paid for a share relative to the annual net income or profit earned by the firm per share. It is a financial ratio used for valuation: a higher PE ratio means that investors are paying more for each unit of net income, so the stock is more expensive compared to one with lower PE ratio.

Earnings per share (EPS) is the portion of a company's profit allocated to each outstanding share of common stock. EPS serves as an indicator of a company's profitability. Earnings per share is generally considered to be the single most important variable in determining a share's price. It is also a major component used to calculate the price-to-earnings valuation ratio. All index data from FactSet.

There is no guarantee that a diversified portfolio will enhance overall returns or outperform a non-diversified portfolio. Diversification does not protect against market risk.

Asset allocation does not ensure a profit or protect against a loss.

A CDS contract is a derivative product that protects the CDS buyer from a credit default of the underlying security. Credit risk is transferred to the seller of the CDS contract, who requires a premium for the protection. As credit risk increases or decreases, the contract premium goes up and down, similar to an insurance policy.

A typical notional on a CDS is in the range \$10-\$20 mm. CDSs have a stated maturity (typical terms are 3, 5, 7, and 10 years), with the most liquid point at 5 years. Typically, credit default swaps are the domain of institutional investors.

Preferred stock dividends are paid at the discretion of the issuing company. Preferred stocks are subject to interest rate and credit risk. As interest rates rise, the price of the preferred falls (and vice versa). They may be subject to a call feature with changing interest rates or credit ratings.

The fast price swings in commodities will result in significant volatility in an investor's holdings. Commodities include increased risks, such as political, economic, and currency instability, and may not be suitable for all investors.

Value investments can perform differently from the market as a whole. They can remain undervalued by the market for long periods of time.

The prices of small cap stocks are generally more volatile than large cap stocks.

International investing involves special risks such as currency fluctuation and political instability and may not be suitable for all investors. These risks are often heightened for investments in emerging markets.

This research material has been prepared by LPL Financial LLC.

Securities and advisory services offered through LPL Financial (LPL), a registered investment advisor and broker-dealer (member FINRA/SIPC). Insurance products are offered through LPL or its licensed affiliates. To the extent you are receiving investment advice from a separately registered independent investment advisor that **is not** an LPL affiliate, please note LPL makes no representation with respect to such entity.

Not Insured by FDIC/NCUA or Any Other Government Agency	Not Bank/Credit Union Guaranteed
Not Bank/Credit Union Deposits or Obligations	May Lose Value

RES-1471350-0323 | For Public Use | Tracking # 1-05364533 (Exp. 3/2024)

For a list of descriptions of the indexes referenced in this publication, please visit our website at lpresearch.com/definitions.