Economic Brief: The Abominable No-Man

From the legacies of iconic investors to the dynamic 2023 markets, Jon Manchester, CFA, CFP® (Senior Vice President, Chief Strategist, Wealth Management, and Portfolio Manager, Sustainable, Responsible and Impact Investing) presents an insightful perspective on the economic climate, aided by the witticisms of Charlie Munger.

Legendary investor Charlie Munger passed away in late November, just a month shy of reaching the century mark. For 45 years, Munger served as the witty and characteristically caustic partner to Warren Buffett at Berkshire Hathaway. He was a surefire sound bite, adept at delivering zingers with a wry smile while on stage at Berkshire's annual "Woodstock for Capitalists" shareholder meetings in his hometown of Omaha, Nebraska. Sometimes, he was funny: "Learning from other people's mistakes is much more pleasant." Often, he was insightful: "People calculate too much and think too little."2 Undeniably, he was practical: "Don't bail away in a sinking boat if you can swim to one that is seaworthy."3 The vast collection of "Mungerisms" captures his concise yet astute speaking style, and lent Munger cult hero status amongst the investment crowd. Long before Twitter's original 140-character limit, Munger endorsed brevity. In Berkshire's 2022 letter to shareholders, Buffett acknowledged that "what it takes me a page to explain, (Charlie) sums up in a sentence."

Munger liked to keep things simple. In fact, his favorite tool to tackle thorny issues was the humble checklist: "I'm a great believer in solving hard problems by using a checklist. You need to get all the likely and unlikely answers before you; otherwise, it's easy to miss something

important."4 The checklist method was no guarantee of cracking the case, however. Munger said that if they lacked special insight into a company, they would set the investment aside as "too tough" and move on. Acknowledging one's limitations is an important trait, something Munger referred to as staying within their circle of

Inside this edition:

Economic Brief:
The Abominable
No-Man1

Bonds are Back 9

Bailard Achieves B Corp™ Certification16

competence. However, both Buffett and Munger admitted they missed their share of investment opportunities this way, notably, in the technology sector. Further, the duo faulted themselves for "mistakes of omission," where they failed to invest in a company such as Wal-Mart despite having a solid understanding of the business. Those called strikes didn't hurt too badly: a \$1,000 investment in Berkshire Hathaway made at the end of 1978 was worth nearly \$3 million by year-end 2022.

¹ Griffin, Tren. "Charlie Munger: The Complete Investor." 2015. p. 104

² Griffin, Tren. "Charlie Munger: The Complete Investor." 2015. p. 46

³ Berkshire Hathaway 2022 shareholder letter, www.berkshirehathaway.com

⁴ Griffin, Tren. "Charlie Munger: The Complete Investor." 2015. p. 6

It could be said that the hallowed performance track record assembled by the Oracles of Omaha was one percent inspiration, and ninety-nine percent contemplation. Both Munger and Buffett spent countless hours reading and thinking, and comparatively few hours taking action. Buffett reportedly playfully referred to Munger as "The Abominable No-Man" because Munger so frequently turned down potential investments. When they did decide to invest, it was typically in a big way, either buying a business outright or taking a significant stake in the company. Berkshire spent \$1.3 billion buying shares of Coca-Cola several decades ago, and in 2022 received dividend payments of \$704 million on their shares, which had by then appreciated to a \$25 billion market value. The annual dividend yield calculated on their original cost had ballooned to a gaudy 54% - a testament to time, patience, and the power of dividend growth.

Checking it Twice

In honor of Charlie Munger, a simple checklist for U.S. equity investors in 2023 is presented at right. Essentially every item broke in favor of equities. First and foremost: inflation. The trend couldn't have been much more favorable on that front. The Consumer Price Index (CPI) increased a worrisome 6.5% year-over-year in 2022, peaking at a 40-year-high of 9.1% mid-year. By November 2023, the CPI's growth rate had slowed to 3.1%, within striking distance of the Federal Reserve's 2% target.

Importantly for consumers (and politicians), the head-liners of food and energy prices have improved significantly. Gasoline prices declined nearly 9% year-over-year as of November, while food prices rose just 2.9%. A surge in domestic oil supply helped to dampen energy prices. In fact, U.S. oil production established a new worldwide record of 13.2 million barrels per day in November, surpassing the previous highwater mark set by the U.S. in early 2020. Domestic output—led by shale oil drillers in the Permian Basin of Texas and New Mexico—is so strong that we are exporting as much crude oil, refined products, and natural gas liquids as Saudi Arabia or Russia produces.⁵

The sharp deceleration in the rate of inflation enabled Fed officials at their December meeting to project three Fed Funds rate cuts in 2024 and four more in 2025.



suggesting we may have seen the end of the Fed's rate hiking campaign. This had visions of a soft landing dancing in investor's heads, that magical scenario in which the Fed is able to quell inflation via higher borrowing rates without incurring a recession. Economist Paul Krugman went so far as to say, "So far, this has been 'immaculate disinflation,' requiring neither a recession nor a large rise in unemployment." While communicating the Fed's rate decision, chairman Jerome Powell noted that U.S. Gross Domestic Product (GDP) was on track to expand around 2.5% (inflation-adjusted) for 2023 as a whole. As for corporate earnings, the Standard & Poor's 500 Index is estimated to have generated 8% to 9% growth per share in 2023. In both cases, that growth lands squarely in the sweet spot, neither overheated nor ice cold.

In retrospect, the "recession that wasn't" in 2023 failed to materialize primarily due to basic economic bedrocks: the employment and housing markets. Higher interest rates and still elevated inflation did pose challenges, as anticipated, but consumer spending didn't wither in the face of those headwinds. Personal Consumption Expenditures (PCE) rose 2.7% year-over-year in November, a modest acceleration from the 2% to 2.5% growth range the series registered for much of the year. Consumers enjoyed the stability of a tight job market, with unemployment at just 3.7% in November, and average hourly earnings up 4%, topping the inflation rate. Further, housing prices have absorbed higher

^{5 &}quot;The United States is producing more oil than any country in history," www.cnn.com, 12/19/2023

^{6 &}quot;Inflation, disinflation and vibeflation," www.nytimes.com, 12/5/2023

mortgage rates without too much trouble. Transactions are down: monthly existing home sales hit a 13-year low in October. Low inventory has aided prices, however. The S&P CoreLogic Case-Shiller National Home Price Index reflected a 4.8% year-over-year gain in October, a ninth-consecutive month of gains and establishing a new record high. The wealth effect theory—that people spend more as the value of their assets rises—seems intact.

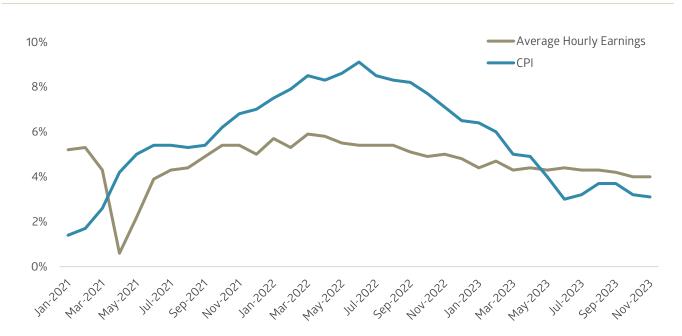
Revenge Spend

To paraphrase music superstar Bruno Mars, consumers are dangerous with some money in their pockets. According to a Bloomberg article, Americans continued to splurge in 2023, shelling out for revenge travel, Taylor Swift tickets, and expensive restaurant meals. Alot of it was funded with debt, the article cautions, pushing credit card balances up to \$1.08 trillion prior to the holiday season. Delinquency rates are only modestly above prepandemic levels, but the average annual percentage rate (APR) has spiked north of 20%, the highest on record. Some have identified a "silent recession" with millions

of people struggling to keep up with student loans, car loans, pricey groceries, and higher housing costs. This doesn't bode particularly well for consumer spending in 2024, although if the current trend of softening interest rates continues the impact could be dampened.

The term "revenge spending" has been around for several years and is commonly defined as elevated spending in the aftermath of a challenging event or time, such as the pandemic. Carnival Corporation has been a somewhat surprising beneficiary of this phenomenon. An early casualty during the pandemic, for obvious reasons, Carnival pulled in record revenues of \$21.6 billion in 2023 and has already booked two-thirds of their occupancy for 2024 at "considerably higher prices." 8 Carnival noted they captured over 3.5 million new-to-cruise guests during 2023. The stock remains well below its pre-pandemic level, despite a 132% rally in 2023, with the company working to pay down its bloated debt load. After peaking north of \$36 billion, Carnival has reduced its long-term debt to just above \$30 billion, still exceeding its market capitalization of \$23 billion. Although Carnival's debt

Wages vs. Inflation: Comparing Year-over-Year Growth in Average Hourly Earnings and CPI



Source: Bloomberg, as of 11/30/2023

^{7 &}quot;'Revenge Spending' Drives US Credit Card Debt Past \$1 Trillion," www.bloomberg.com, 12/22/2023

^{8 &}quot;Carnival Corporation & PLC Reports Record Fourth Quarter And Full Year Revenues With Continued Strong Bookings And Earnings Momentum," www.carnivalcorp.com/investor relations, 12/21/2023

remains junk-rated by S&P Global, it did receive an upgrade in December by two notches to BB-. The pandemic's reverberations are still being felt economically, both positively and negatively.

For equity investors, the banner year for U.S. large-cap indices begs the question of how much upside remains at present. The S&P 500 Index concluded 2023 trading at approximately 22x estimated trailing earnings per share, and nearly 20x estimated 2024 earnings. Valuations have been pushed higher in particular by the incredible surge in tech stocks. According to Bernstein Research, 18% of tech stocks now trade at greater than 10x revenues versus a historical average of 6%. At its year-end 2023 level, the S&P 500 arguably has already discounted the positive impact of lower rates in the year ahead, plus the assumed S&P 500 earnings growth of roughly 13%. That said, markets perpetually look forward and will attempt to start pricing in 2025 assumptions as the year progresses.

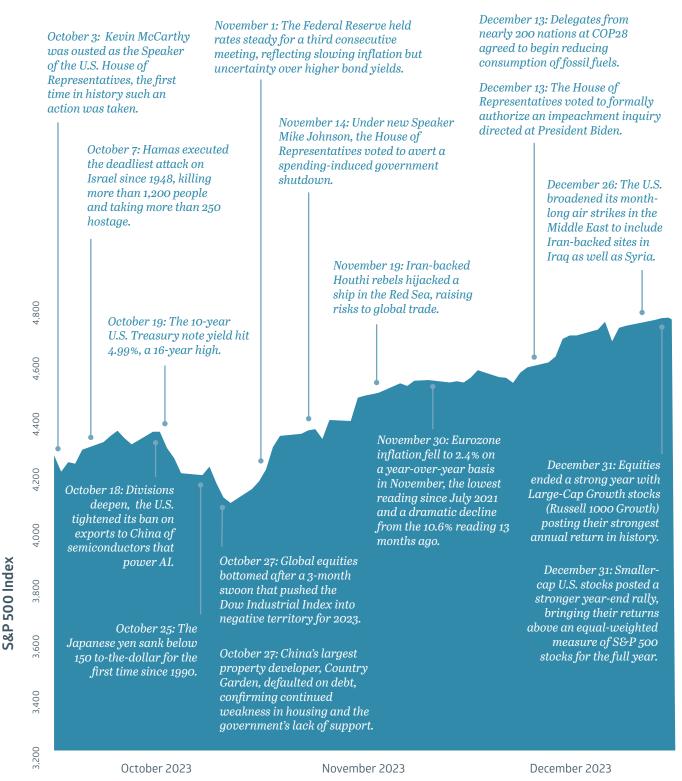
If you listen to prominent economist and strategist Ed Yardeni, there is plenty of upside left. His eponymous research firm believes we might be looking at a "Roaring 2020s" scenario, buoyed by wealthy and liquid households, a strong labor market, productivity gains from the ongoing high-tech revolution, and receding inflation, among other factors. An optimistic take, perhaps, but its longer-term focus would be endorsed by Charlie Munger. In his words: "Warren and I don't focus on the froth of the market. We seek out good long-term investments and stubbornly hold them for a long time." That approach seemed to work out okay.

At its year-end 2023 level, the S&P 500 arguably has already discounted the positive impact of lower rates in the year ahead.

^{9 &}quot;The \$19 Trillion Question – What to do with Tech in 2024?", www.bernsteinresearch.com, 12/18/2023 10 "Ed Yardeni: 12 reasons stock investors will see the S&P 500 hit 5,400 in 2024," www.marketwatch.com, 12/27/2023 11 Berkshire Hathaway 2022 shareholder letter, www.berkshirehathaway.com

Q4 2023 World Events

WITH THE S&P 500 INDEX AS THE BACKDROP



 $Source: Bloomberg, Bailard. \textbf{\textit{Past performance is no indication of future results}. All investments involve the risk of loss.$

Beyond Profits: The Rise of B Corps and Benefit Corporations

Focusing on the rise of B Corps and Benefit Corporations, Blaine Townsend, CIMC®, CIMA® (Director of Sustainable, Responsible & Impact Investing) sheds light on the shift towards a business paradigm that values employee, community, and environmental well-being alongside shareholder returns.

The role of corporations in society has always been hotly debated. In fact, Thomas Jefferson warned of the "aristocracy of our monied corporations" a century before the Supreme Court granted Southern Pacific Railroad (and, by extension, all corporations) the same rights as a "person." Today, large companies drive almost every aspect of American life—from environmental outcomes to political influence. But smaller companies also play a huge role in the U.S. economy and labor force. With that outsized influence comes the opportunity to positively impact shareholders, employees, communities, and the planet. Since 2006, the Certified B Corporation™ framework has set out to guide (mostly smaller) companies in doing just that.

B Corps and Benefit Corporations: Understanding the Difference

The Certified B Corp is a manifestation of a broader movement supporting the idea of the "Benefit Corporation." In short, a for-profit company that works for shareholders, but also makes an explicit commitment to have a positive impact on employees and other stakeholders. The common denominator between a B $Corp^{\mathsf{TM}}$ and Benefit Corporation is the shared belief that maximizing profit is not the sole mission of a business.

There is a distinction, however: The Benefit Corporation is a legal status offered in 41 U.S. states¹ and the District of Columbia. It is akin to a C Corp or LLC. A B Corp is a third-party certification that has been granted by the non-profit organization B Lab™. There is a lot of overlap between the two, and in both cases, companies are making it clear the fiduciary duty of its officers and directors also encompasses employees and other stakeholders.

In any state where the Benefit Corporation legal charter exists (like California), a Certified B Corp must also take

the step to change their legal designation to a Benefit Corporation as part of the certification. While clothing/gear brand Patagonia is perhaps the best-known B Corp, Bailard, Inc. is one of the newest, having achieved its B Corp Certification in 2023. There are currently nearly 8,000 B Corps in over 90 countries. The movement is growing.



Small Businesses, Big Impact

A company can incorporate as a Benefit Corporation at its outset, or convert later by amending its governing documents and meeting certain legal requirements. Historically, very few publicly listed companies have incorporated as Benefit Corporations (perhaps as few as three). Most, like Bailard, are smaller, privately held companies. That is not a deficit in the power of the B Corp movement, however.

Despite the dominance of large corporations, smaller companies are pivotal in the U.S. economy and its society. According to the Small Business Association (SBA), businesses with fewer than 500 employees account for 99.7% of all U.S. companies. They employ over 40% of domestic workers and have generated over 60% of net new jobs in the U.S. since 1995. Small businesses account for 44% of all U.S. economic activity.²

The Power of Certification

In fact, the power of smaller companies to reshape the global economy for a broader set of stakeholders was a foundational piece of B Lab's founding philosophy. Although the B Corp process is industry-agnostic,

¹ The state of Delaware uses the term Public-Benefit Corporation (PCB) instead of Benefit Corporation.

² https://www.forbes.com/sites/forbesbusinesscouncil/2022/03/25/how-small-businesses-drive-the-american-economy/?sh=2cd4a0304169

B Lab touts that companies in 162 industries have been certified, often in sectors that need it most. An academic study found a positive correlation between the number of B Corps in an industry and the prevalence of "shareholder-centric" policies within that industry, such as high layoff rates or significant pay disparities.³ The poorer these metrics are, the more likely it is that companies within the industry will pursue B Corp Certification.

For companies already aligned with the B Corp mission, certification is often more about publicly affirming what has been a private commitment to specific values. For Bailard, undergoing the certification process was more like looking in a mirror than looking at a map. As an independent, majority employee-owned, woman-led, majority women- and minority-owned, and community-focused company, the B Corp Certification was an affirmation of the company's long-standing core values. However, the process does require a willingness to be evaluated publicly. It also provides a structure to codify corporate policies. The process to get certified is not easy. According to B Lab, only 40% of certification applications are successful, underscoring the principle that a B Corp must genuinely "walk the talk."

Once committed, B Corps have shown a 96% retention rate.⁵ However, even for those choosing not to fully complete the certification, B Lab can provide resources. B Lab reported that over 240,000 companies used its assessment tool, which helps companies look at their own practices. At the center of the process is the B Lab Impact Assessment, which requires companies to score at least 80 out of 200 points to be certified, covering Governance, Workers, Community, Environment, and Customers. A fee based on company revenue is paid to B Lab to go through the process. Gathering all the required information and providing the documentation can be daunting and may take a full year.

Demonstrating Real Benefits

Evidence suggests the values attributed to being a Benefit Corporation strengthen a business. For example, during the challenging year of 2020, only 4.5% of B Corps failed, compared to 12.5% of American businesses overall. B Corps also report higher employee retention

rates and a competitive edge in recruiting. Additionally, there is a growing number of key professional service firms in the space that want to work with other B Corps. Numerous studies have shown that consumers are very interested in the values behind the brands they buy or the companies they hire. To that end, B Lab provides a search engine for finding B Corps for consumers or busi-

...during the challenging year of 2020, only 4.5% of B Corps failed, compared to 12.5% of American businesses overall.⁶

ness networking.

In an era of "greenwashing," B Corps have completed a third-party assessment of key employee and sustainability metrics. Being a B Corp gives more gravity to the expressed values of a firm. Multiple studies show that Millennial and Gen Z employees—who currently make up 50% of the U.S. workforce—consider a company's values when making purchases or choosing where to work.

A Commitment Beyond Profit

The rise of B Corps and Benefit Corporations signifies a shift in corporate philosophy, as it clearly reflects a commitment to specific values. But it is also more than that. It is a commitment to the idea that building stronger ties with employees and more sustainable business practices is the right way to conduct business going forward. Businesses that treat their employees poorly, or ignore environmental or reputational risks, are seldom the backbone of the community or industry outperformers. Nobel Prize-winning economic professor Robert Shiller summed it up well: "The B Corp movement is, to me, a product of a general improvement in our understanding of economic behavior. Through greater appreciation

³ https://hbr.org/2016/06/why-companies-are-becoming-b-corporations

⁴ https://www.inc.com/ali-donaldson/why-a-record-number-of-business-owners-are-embracing-b-corps.html

⁵ Ibid.

⁶ https://www.federalreserve.gov/econres/feds/files/2020089r1pap.pdf

of the real motives that drive and excite people, B Corporations provide a significant new opportunity for investors. I think they could make more profits than any other types of companies...."

This paradigm shift towards more socially responsible and sustainable business practices is not just a trend; it's the future of business. B Corps and Benefit Corporations are leading the way, proving that success in business can also mean success for shareholders, employees, and society more broadly.

Bonds are Back

Jeremy Wager-Smith, Fixed Income Portfolio Associate, examines the dynamic shifts and key trends that shaped the bond market in 2023.

A Dynamic Year

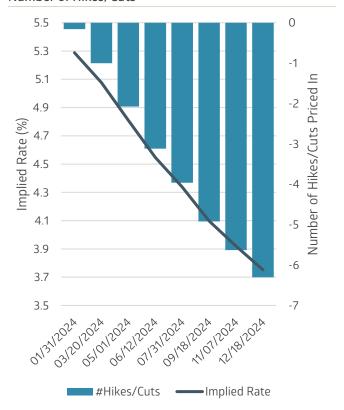
Interest rate volatility defined 2023 for fixed income markets. Markets skewed more reactionary than anticipatory, as the bond market digested a stronger-than-expected U.S. economy, an active Federal Reserve (Fed), regional bank turmoil, and a mountain of U.S. Treasury issuance.

The higher-for-longer interest rate narrative took hold by mid-year, as initial expectations of summer rate cuts faded. and a resilient U.S. labor market came into focus. Fed Chair Jerome Powell made clear the Fed's commitment to bring inflation down to its 2% target as the Federal Open Market Committee (FOMC) elected to raise the Fed Funds target rate four times throughout the year, with the last hike occurring in July. This marked the eleventh interest rate hike of this cycle and brought the Fed Funds target rate to 5.50%, a level not seen since 2001. As expected, ultra-short yields rose in response to continued hikes and the Fed's hawkish talk. 10-year U.S. Treasury bond yields peaked a bit later in mid-October at 4.99% a level not seen since July of 2007—before dropping back down to close the year nearly unchanged. Looking forward to 2024, our outlook for bonds remains positive. We expect interest rate volatility to remain high, but at a more subdued level than in 2023.

A Look Ahead at Federal Reserve & Monetary Policy

In our view, markets are pricing in an excessive number of rate cuts in 2024 and, thus, a more dovish Fed than we anticipate. CME Fed Funds futures (a series of derivatives used to hedge short-term interest rates) are pricing in a 2024-year-end effective Fed Funds rate of 3.75%. This level implies over 150 basis points of rate cuts by

Federal Funds Futures Implied Overnight Rate & Number of Hikes/Cuts



Source: Bloomberg

year-end, with cuts beginning in March and continuing throughout the year.1

Absent a recession or deflationary shock, we expect rate cuts to begin later in the year, and, cumulatively, to be fewer than what markets are pricing in. With the blistering rally in intermediate- to longer-dated Treasuries through year-end, markets have partially eased financial conditions for the Fed. The Goldman Sachs Financial Conditions Index—which uses borrowing costs, equity ratios, and credit spreads to gauge financial tightness—concluded 2023 at its lowest year-to-date level after reaching a year-to-date peak in late October.

Meanwhile, headline inflation is continuing its choppy decline from last year's decade high of 9.1% and, as seen in December's seasonally-adjusted unemployment rate of 3.7%, the U.S. labor market remains resilient.² This still-strong U.S. economic picture and favorable financial environment, coupled with the Fed's tendency to do too little too late, suggests that broad-based financial distress would need to accelerate dramatically to warrant the significant easing of monetary policy expected by markets in 2024.

Yield Curve Inversion Continues

The yield curve remains inverted, but to a lesser degree than a year ago.³ Often cited as a harbinger of economic pain to come, yield curve inversion occurs when shorter-term U.S. Treasury bonds outyield longer-term U.S. Treasury bonds. The most widely adopted measure of yield curve inversion is the spread, or difference in yield, between 10-year and 2-year U.S. Treasury bonds. This spread closed 2023 at -37 basis points, after beginning the year at a wider level of -56 basis points.⁴ With our

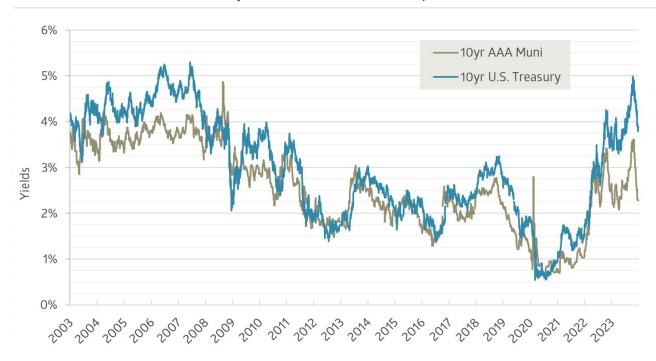
expectation that the Fed will begin to cut the Fed Funds rate by mid-year, we anticipate this spread narrowing throughout the year as the short end of the yield curve retreats.

Municipal Credit Expectations

Municipal bonds rebounded in 2023 after a difficult 2022, as the Bloomberg 1-15 Year Municipal Bond Index saw a healthy uptick of 5.26%. Strong demand coupled with slightly lower municipal issuance on a year-over-year basis⁵ contributed to municipals ending 2023 at their richest levels in 40 years relative to Treasury bonds.

The credit profile of many municipal issuers experienced significant tailwinds coming out of the pandemic. Propelled by strong tax receipts and ample federal assistance, municipalities bolstered their balance sheets and established rainy-day funds. Since then, the combination of higher debt-servicing costs, rising operating expenses, and markedly weaker-than-expected tax revenues will most likely result in weaker municipal credit conditions

Relative Richness: 10-Year U.S. Treasury Yields and 10-Year AAA Municipal Yields



Source: Bloomberg, as of 12/31/2023.

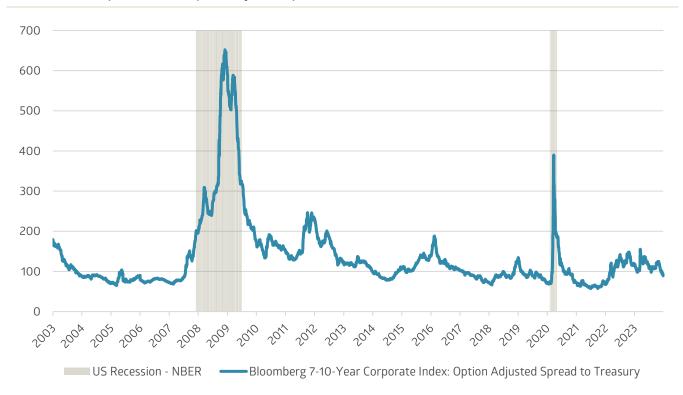
² Bureau of Labor Statistics

³ Yield Curve – Plotted series US Treasury bond yields. Organized from shortest to longest time to maturity.

⁴ Bloomberg

⁵ Bloomberg YTDMTOT Index

7-10 Year U.S. Corporate Index: Option Adjusted Spread to Government Benchmark



Source: Bloomberg, as of 12/31/2023.

in 2024. To insulate portfolios from much of this expected deterioration, taxable investors could stand to gain by favoring higher quality credits and resilient revenue sources.

We continue to closely monitor the State of California's fiscal situation. A wealth exodus and absence of federal pandemic stimulus, combined with an overreliance on cyclical personal income tax revenues and optimistic revenue forecasts, have left the state facing budget deficits for fiscal years 2023 and 2024.6 Although the state does face fiscal difficulties, with its AA2/AA- rating we remain comfortable holding the state credit. In our view, demand for all California in-state bonds should remain high as state tax rates create demand for double-tax exempt income.

The Trajectory of Corporate Bonds

Aggregate and corporate bond indices provided positive returns in 2023, with the Bloomberg U.S. Aggregate Bond Index increasing 5.53% and the ICE Bank of

America 1-10 Year Corporate Bond Index posting a 7.33% gain. Investment grade⁷ corporate spreads, or the pickup in yield between a corporate bond and a comparable maturity US Treasury bond, narrowed in 2023. If a hard economic landing or recession can be avoided, we anticipate spreads for high quality bonds staying relatively tight and rangebound throughout the year even with an expected increase in 2024 investment grade issuance.

Regarding industry-specific expectations, we continue to steer clear of regional banks due to ongoing concerns about the impact of held-to-maturity securities on their balance sheets. Instead, we prefer larger, systemically important financial institutions. For tax exempt investors, we have a continued preference for a higher allocation in corporate and mortgage-backed securities relative to standard aggregate benchmarks. We believe that the current, attractive level of interest rates offers a buffer against possible weakness in the stock market.

^{6 &}quot;S&P Downgrades California Bond Outlook Amid Budget Crunch" – The Center Square

⁷ Investment Grade – Corporate bonds rated Ba1/BB+ or higher.

Market Performance As of December 31, 2023

90-Day Treasury Bills	U.S. Interest Rates	3/31/2023	6/30/2023	9/30/2023	12/31/2023
Federal Funds Target	Cash Equivalents				
Bank Prime Rate	90-Day Treasury Bills	4.75%	5.30%	5.45%	5.22%
Money Market Funds	Federal Funds Target	5.00%	5.25%	5.50%	5.50%
Bonds 10-Year U.S. Treasury 3.41% 3.84% 4.57% 4.05% 10-Year AA Municipal 2.28% 2.62% 3.19% 2.68% 2.68% 3.19% 2.68% 2.68% 3.19% 3.19%	Bank Prime Rate	8.00%	8.25%	8.50%	8.50%
10-Year U.S. Treasury 10-Year AA Municipal 2.28% 2.62% 3.19% 2.68% 2.68% 2.62% 3.19% 2.68% 2.68% 2.62% 3.19% 2.68% 2.68% 2.62% 3.19% 2.68% 2.68% 2.68% 2.62% 3.19% 2.68% 2.68% 2.62% 3.19% 2.68% 2.68% 2.68% 2.62% 3.19% 2.68% 2.68% 2.68% 2.62% 3.19% 2.68% 2.68% 2.62% 3.19% 2.68% 2.68% 2.62% 3.19% 2.68% 2.68% 2.62% 3.19% 2.68% 2.68% 2.62%	Money Market Funds	4.78%	5.06%	5.31%	5.32%
10-Year AA Municipal 2.28% 2.62% 3.19% 2.68% Source: Bloomberg, L.P. U.S. Bond Market Total Returns (US\$) through 12/31/2023 QUARTER U.S. MONTHS YEAR TO DATE U.S. Bonds Sloomberg U.S. Treasury Index S.5.66% 2.43% 4.05% 4.05% 8.52% 8.	Bonds				
U.S. Bond Market Total Returns (US\$) through 12/31/2023 QUARTER SIX MONTHS YEAR TO DATE U.S. Bonds	10-Year U.S. Treasury	3.41%	3.84%	4.57%	4.05%
U.S. Bond Market Total Returns (US\$) through 12/31/2023 QUARTER SIX MONTHS YEAR TO DATE ONE YEAR ONE	10-Year AA Municipal	2.28%	2.62%	3.19%	2.68%
U.S. Bonds Bloomberg U.S. Treasury Index Bloomberg U.S. Corporate Index Bloomberg U.S. Corporate Index Bloomberg U.S. Aggregate Index Bloomberg U.S. Aggregate Index Bloomberg U.S. 1-15 Municipal Blend Index Bloomberg U.S. 1-15 Municipal Ble	Source: Bloomberg, L.P.				
Bloomberg U.S. Treasury Index 5.66% 2.43% 4.05% 4.05% 4.05% Bloomberg U.S. Corporate Index 8.50% 5.15% 8.52% 8.5	U.S. Bond Market Total Returns (US\$) through 12/31/2023	QUARTER	SIX MONTHS	YEAR TO DATE	ONE YEAR
Bloomberg U.S. Corporate Index 8.50% 5.15% 8.52% 8.52% 8.52% 8.52% 8.52% 8.52% 8.52% 8.52% 8.52% 8.53% 5.33% 5.53% 5.53% 5.53% 5.53% 5.53% 5.53% 5.53% 5.53% 5.53% 5.53% 5.53% 5.53% 5.53% 5.26% 5.2	U.S. Bonds				
Bloomberg U.S. Aggregate Index 6.82% 3.37% 5.53% 5.53% 5.53% Bloomberg U.S. 1-15 Municipal Blend Index 6.38% 3.35% 5.26%	Bloomberg U.S. Treasury Index	5.66%	2.43%	4.05%	4.05%
Bloomberg U.S. 1-15 Municipal Blend Index 6.38% 3.35% 5.26%	Bloomberg U.S. Corporate Index	8.50%	5.15%	8.52%	8.52%
Source: Bloomberg, L.P. SIX MONTHS YEAR TO DATE ONE YEAR	Bloomberg U.S. Aggregate Index	6.82%	3.37%	5.53%	5.53%
Global Stock Market Total Returns (US\$) through 12/31/2023 QUARTER SIX MONTHS YEAR TO DATE U.S. Stocks	Bloomberg U.S. 1-15 Municipal Blend Index	6.38%	3.35%	5.26%	5.26%
U.S. Stocks S&P 500 Index Morningstar U.S. Small Value Index 15.38% Morningstar U.S. Small Growth Index Morningstar U.S. Large Growth Index 14.47% Morningstar U.S. Large Growth Index 15.72% Morningstar U.S. Large Value Index MSCI EAFE (Europe, Australasia, Far East) Index, net dividends MSCI EMFE (Europe, Australasia, Far East) Index, net dividends 7.86% MSCI Emerging Markets, net dividends 7.86% MSCI Emerging Markets, net dividends MSCI Emerging Markets, net dividends 7.86% MSCI Emerging Markets, net dividends MSCI Emerging Markets, net dividends 7.86% MSCI Emerging Markets, net dividends MSCI Emerging Markets, net dividends 7.86% MSCI Emerging Markets, net dividends MSCI Emerging Markets, n				1	
S&P 500 Index 11.68% 8.02% 26.26% 26.26% Morningstar U.S. Small Value Index 15.38% 11.72% 14.58% 14.58% Morningstar U.S. Small Growth Index 14.47% 7.07% 26.65% 26.65% Morningstar U.S. Large Growth Index 15.72% 11.05% 47.26% 47.26% Morningstar U.S. Large Value Index 8.02% 6.70% 11.82% 11.82% International Stocks MSCI EAFE (Europe, Australasia, Far East) Index, net dividends 10.42% 5.88% 18.24% 18.24% MSCI Emerging Markets, net dividends 7.86% 4.71% 9.83% 9.83% Sources: Bloomberg, L.P. and Morningstar Direct SIX MONTHS YEAR TO DATE ONE YEAR NFI-ODCE Index* -1.99% -3.94% -9.48% -9.48% Gold Spot 11.60% 7.48% 13.10% 13.10%	Global Stock Market Total Returns (US\$) through 12/31/2023	QUARTER	SIX MONTHS	YEAR TO DATE	ONE YEAR
Morningstar U.S. Small Value Index 15.38% 11.72% 14.58% Morningstar U.S. Small Growth Index 14.47% 7.07% 26.65% 26.65% Morningstar U.S. Large Growth Index 15.72% 11.05% 47.26% 47.26% Morningstar U.S. Large Value Index 8.02% 6.70% 11.82% 11.82% International Stocks MSCI EAFE (Europe, Australasia, Far East) Index, net dividends 10.42% 5.88% 18.24% 18.24% MSCI Emerging Markets, net dividends 7.86% 4.71% 9.83% 9.83% Sources: Bloomberg, L.P. and Morningstar Direct SIX MONTHS YEAR TO DATE ONE YEAR NFI-ODCE Index* -1.99% -3.94% -9.48% -9.48% Gold Spot 11.60% 7.48% 13.10% 13.10%	U.S. Stocks				
Morningstar U.S. Small Growth Index 14.47% 7.07% 26.65% 26.65% Morningstar U.S. Large Growth Index 15.72% 11.05% 47.26% 47.26% Morningstar U.S. Large Value Index 8.02% 6.70% 11.82% 11.82% International Stocks MSCI EAFE (Europe, Australasia, Far East) Index, net dividends 10.42% 5.88% 18.24% 18.24% MSCI Emerging Markets, net dividends 7.86% 4.71% 9.83% 9.83% Sources: Bloomberg, L.P. and Morningstar Direct Alternatives (US\$) through 12/31/2023 QUARTER SIX MONTHS YEAR TO DATE ONE YEAR NFI-ODCE Index* -1.99% -3.94% -9.48% -9.48% Gold Spot 11.60% 7.48% 13.10% 13.10%	S&P 500 Index	11.68%	8.02%	26.26%	26.26%
Morningstar U.S. Large Growth Index 15.72% 11.05% 47.26% 47.26% Morningstar U.S. Large Value Index 8.02% 6.70% 11.82% 11.82% International Stocks MSCI EAFE (Europe, Australasia, Far East) Index, net dividends 10.42% 5.88% 18.24% 18.24% MSCI Emerging Markets, net dividends 7.86% 4.71% 9.83% 9.83% Sources: Bloomberg, L.P. and Morningstar Direct Alternatives (US\$) through 12/31/2023 QUARTER SIX MONTHS YEAR TO DATE ONE YEAR NFI-ODCE Index* -9.48% -9.48% -9.48% -9.48% Gold Spot 11.60% 7.48% 13.10% 13.10%	Morningstar U.S. Small Value Index	15.38%	11.72%	14.58%	14.58%
Morningstar U.S. Large Value Index 8.02% 6.70% 11.82% International Stocks MSCI EAFE (Europe, Australasia, Far East) Index, net dividends 10.42% 5.88% 18.24% 18.24% MSCI Emerging Markets, net dividends 7.86% 4.71% 9.83% 9.83% Sources: Bloomberg, L.P. and Morningstar Direct Alternatives (US\$) through 12/31/2023 QUARTER SIX MONTHS YEAR TO DATE ONE YEAR NFI-ODCE Index* -3.94% -9.48% -9.48% Gold Spot 11.60% 7.48% 13.10% 13.10%	Morningstar U.S. Small Growth Index	14.47%	7.07%	26.65%	26.65%
International Stocks MSCI EAFE (Europe, Australasia, Far East) Index, net dividends 10.42% 5.88% 18.24% 18.24% MSCI Emerging Markets, net dividends 7.86% 4.71% 9.83% 9.83% Sources: Bloomberg, L.P. and Morningstar Direct Alternatives (US\$) through 12/31/2023 QUARTER SIX MONTHS YEAR TO DATE ONE YEAR NFI-ODCE Index* -1.99% -3.94% -9.48% -9.48% Gold Spot 11.60% 7.48% 13.10%	Morningstar U.S. Large Growth Index	15.72%	11.05%	47.26%	47.26%
MSCI EAFE (Europe, Australasia, Far East) Index, net dividends 10.42% 5.88% 18.24% 18.24% MSCI Emerging Markets, net dividends 7.86% 4.71% 9.83% 9.83% 5ources: Bloomberg, L.P. and Morningstar Direct Alternatives (US\$) through 12/31/2023 QUARTER SIX MONTHS YEAR TO DATE ONE YEAR NFI-ODCE Index* -1.99% -3.94% -9.48% -9.48% Gold Spot 11.60% 7.48% 13.10% 13.10%	Morningstar U.S. Large Value Index	8.02%	6.70%	11.82%	11.82%
MSCI Emerging Markets, net dividends 7.86% 4.71% 9.83% 9.83% Sources: Bloomberg, L.P. and Morningstar Direct QUARTER SIX MONTHS YEAR TO DATE ONE YEAR NFI-ODCE Index* -1.99% -3.94% -9.48% -9.48% Gold Spot 11.60% 7.48% 13.10% 13.10%	International Stocks				
Alternatives (US\$) through 12/31/2023 QUARTER SIX MONTHS YEAR TO DATE ONE YEAR NFI-ODCE Index* -1.99% -3.94% -9.48% -9.48% Gold Spot 11.60% 7.48% 13.10% 13.10%	MSCI EAFE (Europe, Australasia, Far East) Index, net dividends	10.42%	5.88%	18.24%	18.24%
Alternatives (US\$) through 12/31/2023 QUARTER SIX MONTHS YEAR TO DATE ONE YEAR NFI-ODCE Index* -1.99% -3.94% -9.48% -9.48% Gold Spot 11.60% 7.48% 13.10% 13.10%	MSCI Emerging Markets, net dividends	7.86%	4.71%	9.83%	9.83%
NFI-ODCE Index* -1.99% -3.94% -9.48% -9.48% Gold Spot 11.60% 7.48% 13.10%	Sources: Bloomberg, L.P. and Morningstar Direct				
NFI-ODCE Index* -1.99% -3.94% -9.48% -9.48% Gold Spot 11.60% 7.48% 13.10%	Alternatives (US\$) through 12/31/2023	QUARTER	SIX MONTHS	YEAR TO DATE	ONE YEAR
	NFI-ODCE Index*	-1.99%	-3.94%	-9.48%	-9.48%
	Gold Spot	11.60%	7.48%	13.10%	13.10%
	•	-21.08%	1.43%	-10.73%	-10.73%

*Q4 2023 data not yet released. The fourth quarter return assumed to be same as the Q3 2023 return.

Sources: Bloomberg, the National Council of Real Estate Investment Fiduciaries

This page intentionally left blank.

Disclosures

the 9:05 is produced by the Asset Management Group of Bailard, Inc. The information in this publication is based primarily on data available as of December 31, 2023 and has been obtained from sources believed to be reliable, but its accuracy, completeness, and interpretation are not guaranteed. We do not think it should necessarily be relied on as a sole source of information and opinion.

This publication has been distributed for informational purposes only and is not a recommendation of, or an offer to sell or solicitation of an offer to buy any particular security, strategy, or investment product. It does not take into account the particular investment objectives, financial situations, or needs of individual clients. Any references to specific securities are included solely as general market commentary and were selected based on criteria unrelated to Bailard's portfolio recommendations or the past performance of any security held in any Bailard account. All investments have risks, including the risks that they can lose money and that the market value will fluctuate as the stock and bond markets fluctuate. Asset class specific risks include but are not limited to: 1) interest rate, credit, and liquidity risks (bonds); 2) style, size, and sector risks (U.S. stocks); 3) increased risk relative to U.S. stocks due to economic or political instability, differences in accounting principles, and fluctuating exchange rates - with heightened risk for emerging markets and even higher risks for frontier markets (international stocks); and 4) fluctuations in supply and demand, inexact valuations, and illiquidity (real estate). Biotech stocks are not suitable for all investors and are significantly riskier than the stock market for reasons including the higher risks of investing in newer, less well-financed companies as well as the potential for clinical failures, regulatory approval setbacks, commercialization problems, and loss of exclusivity/patent expiration. Certain countries (particularly emerging and frontier markets) can have higher transaction costs and greater illiquidity than the U.S. The volatility of real estate may be understated due to inexact and infrequent valuations. Real estate has significant risks and is not suitable for all investors. There is no guarantee that any investment strategy will achieve its objectives. Charts and performance information portrayed in this newsletter are not indicative of the past or future performance of any Bailard product, strategy, or account unless otherwise noted. Market index performance is presented on a total return basis (assuming reinvestment of dividends) unless otherwise noted. Past performance is no quarantee of future results. All investments have the risk of loss. This publication contains the current opinions of the authors and such opinions are subject to change without notice. Bailard cannot provide investment advice in any jurisdiction where it is prohibited from doing so.

the 9:05 is published four times a year by Bailard, Inc., 950 Tower Lane, Suite 1900, Foster City, California 94404-2131. (650) 571-5800. www.bailard.com. Publication dates vary depending upon the availability of critical data, but usually fall in the first month of each new quarter.

ABOUT THE 9:05

Since 1978, we've held a weekly company-wide meeting during which we talk about the prior week's activities and those anticipated in the week to come. We refer to this meeting, which begins just after nine each Monday morning, as "the 9:05." Just as the 9:05 enables us to share our knowledge and insights with each other, this newsletter provides us with a valuable means of communicating with our clients. Hence its title: the 9:05.

BAILARD, INC. ASSET MANAGEMENT GROUP

Chief Investment Officer

Eric Leve, CFA

Global Economics and Fixed Income

Linda Beck, CFA Senior Vice President Director, Fixed Income

Jeremy Wager-Smith Fixed Income Portfolio Associate

Domestic Equities

Sonya Mughal, CFA Chief Executive Officer

Osman Akgun, PhD, CFA Vice President, Domestic Equities

Joanne Howard, CFA Senior Vice President

Chris Moshy

Senior Vice President, Equity Research

Thomas Mudge, III, CFA Senior Vice President

Director, Domestic Equity Research

Dave Harrison Smith, CFA Executive Vice President, Domestic **Equities**

Ryan Vasilik, CFA **Equity Analyst**

International Equities

Eric Leve, CFA **Executive Vice President** Chief Investment Officer

Dan McKellar, CFA Senior Vice President, International

Equities

Irene Liando, CFA Senior Analyst, International Equities

Real Estate

Preston Sargent Executive Vice President, Real Estate

David Abramson Real Estate Analyst

Geoff Esmail

Senior Associate, Real Estate

Tess Gruenstein

Senior Vice President, Acquisitions and Portfolio Management, Real Estate

Jamil Harkness

Research & Performance Associate

James Pinkerton

Senior Vice President, Acquisitions and Portfolio Management, Real Estate

Juan Rascon-Borgia Associate, Real Estate

Alex Spotswood

Vice President, Acquisitions and Portfolio Management, Real Estate

Sustainable, Responsible and Impact Investing

Blaine Townsend, CIMA® Portfolio Manager

Director, Sustainable, Responsible and Impact Investing Group

Annalise Durante Senior ESG Analyst

Jon Manchester, CFA, CFP®

Chief Strategist, Wealth Management Senior Vice President

Frank Marcoux, CFA Portfolio Manager, Senior Vice President

Equity Analysis

Raj Dutta

Senior Data Engineer

Amit Valia. CFA

Senior Vice President, Financial Data Management

Trading

Glenn Davis, CFA

Senior Vice President, Head Trader

Tom Sikora Trader

Performance Analysis

Yuji Miwa

Performance Analyst

NEWSLETTER PRODUCTION

Eric Leve, CFA **Executive Vice President** Chief Investment Officer

Erin Randolph, PCM® Senior Vice President Director, Marketing & Communications **Debbie Tanguay** Senior Marketing Program Manager





Bailard Achieves B Corp™ Certification

Bailard has always been a values-driven firm. As part of that continuing effort, we are pleased to share that, in 2023, Bailard completed its B Corp Certification, taking yet another step toward improvement and further reflecting our core values of Accountability, Compassion, Courage, Excellence, Fairness, and Independence.

Commitment to Values-driven Practices

Bailard integrates B Corp principles into various facets of its business, guiding clients in aligning portfolios with their values, fostering a strong and award-winning company culture, and championing responsible and impactful investing. Bailard also actively pursues initiatives to enhance office efficiencies and, in 2019, established the Bailard Foundation to contribute to the betterment of the communities it serves. Bailard's certification places it among the distinguished cohort of over 3,500 certified B Corps worldwide, recognized for meeting B Lab's stringent standards of verified social and environmental performance, public transparency, and legal accountability emphasizing the delicate balance between profit and purpose.

"The rigorous certification process is a proof point that, at Bailard, we 'walk the talk,' too. Our dedication to making a positive impact is not just rhetoric but a reflection of the values that guide our team every day."

—Michael J. Faust, CFA President, Bailard Wealth Management

Bailard's Overall B Impact Score



- 108.5 Bailard's Overall B Impact Score
- 80.0 Qualifies for B Corp Certification
- 50.9 Median Score for Ordinary Businesses

To certify as a B Corp, a company needs to undergo the B Impact Assessment and receive a score of 80+ out of approximately 250. Five impact areas are assessed in each business: community, customers, environment, governance, and workers. A hallmark of the program is a commitment to continuous improvement and, for its first assessment, Bailard scored 108.5.

Score By Pillar

Community - 16.2: Evaluates a company's engagement with and impact on the communities in which it operates, hires from, and sources from.

Customers - 41.4: Evaluates a company's stewardship of its customers through the quality of its products and services, ethical marketing, data privacy and security, and feedback channels.

Environment - 7.0: Evaluates a company's overall environmental management practices as well as its impact on the air, climate, water, land, and biodiversity.

Governance - 11.1: Evaluates a company's overall mission, engagement around its social/environmental impact, ethics, and transparency.

Workers - 32.6: Evaluates a company's contributions to its employees' financial security, health & safety, wellness, career development, and engagement & satisfaction.