

Q2 Review & Outlook

July 2023

ELEMENT	TREND	COMMENTS		
VALUATION	Neutral	Equity valuations are well below peak levels but have risen.		
INTEREST RATES	Positive	Rates have risen significantly, though hikes appear to be slowing.		
INFLATION	Positive	Inflation remains elevated but is expected to cool further.		
VOLATILITY	Negative	Market volatility has subsided, which is somewhat bearish.		
MONETARY POLICY	Negative	Fed tightening to impede near-term economic growth, earnings.		
DOMESTIC POLICY	Positive	The debt ceiling battle has ended relatively peacefully.		
GEOPOLITICAL	Neutral	China economy slows, Ukraine taking a toll on Putin, Russia.		

The Grateful Fed

The second quarter was a news editor's dream. There were scads of fascinating stories competing for headlines—among them, the geopolitical drama in Russia, the Titan submersible tragedy and of course, the soaring financial markets, each capturing everyone's attention in different ways. In fact, there was so much news action that one could be forgiven for overlooking an important development that occurred in early June, which was when the world learned that Jay Powell, chairman of the Federal Reserve of the United States, is a Deadhead. After Powell was spotted at a Dead & Co. show near Washington, D.C., a discussion

of his outing, and his decades-long association with the Dead, even made its way into his appearance before the House Financial Services Committee. Of course, the real significance of this revelation is that the Grateful Dead's journey from Haight-Ashbury to the Federal Reserve, from counterculture to the discount window, is complete, which can only mean it is now officially appropriate to incorporate Grateful Dead references into an investment newsletter.

Truckin'

Financial markets soared in the second quarter. The S&P 500 returned 8.7%, bringing the yearto-date return to 16.9% for the year. June was the best month for the index since October 2022, capping the third straight quarter of gains. Optimism regarding tech shares, particularly among companies seen to benefit from artificial intelligence, pushed equity markets significantly higher. The tech-laden NASDAQ returned 13.1% for the second quarter and is now up 32.3% for the year - its best first half since 1983.

	1Q23	April	May	June	2Q23	Year-To-Date
S&P 500	7.5	1.6	0.4	6.6	8.7	16.9
DJIA	0.9	2.6	-3.2	4.7	4.0	4.9
NASDAQ	17.0	0.1	5.9	6.7	13.1	32.3
Russell 3000	7.2	1.1	0.4	6.8	8.4	16.2
Russell 3000 Value	0.9	1.3	-3.8	6.7	4.0	5.0
Russell 3000 Growth	13.8	0.9	4.3	6.9	12.5	28.0
Value minus Growth	-13.0	0.4	-8.1	-0.2	-8.4	-23.1
International	8.0	2.8	-4.4	4.8	3.0	11.3

Major Indices Total Returns (%)

Source: Bloomberg, Trust Company of the South

Valuations have become more stretched, particularly among the market's high-fliers. At 19.1x earnings, the overall market has become relatively expensive. Nevertheless, due to the concentrated nature of the gains in only a handful of stocks, the prices of most stocks have experienced significantly less movement. In other words, much of the market still looks relatively attractive. An equal-weighted basket of S&P 500 stocks, while up just 7% for the year, outpaced the market-weighted index during June. This broadening is generally considered a healthy sign for the overall market.

Fig 1: S&P 500 Valuation Measures





Source: FactSet, FRB, Refinitiv Datastream, Robert Shiller, Standard & Poor's, Thomson Reuters, J.P. Morgan Asset Management. Priceto-earnings is price divided by consensus analyst estimates of earnings per share for the next 12 months as provided by IBES since December 1997 and by FactSet since January 2022. Current next 12-months consensus earnings estimates are \$231. Average P/E and standard deviations are calculated using 25 years of history. Shiller's P/E uses trailing 10-years of inflation-adjusted earnings as reported by companies. Dividend yield is calculated as the next 12-months consensus dividend divided by most recent price. Price-to-book ratio is the price divided by book value per share. Price-to-cash flow is price divided by NTM cash flow. EY minus Baa yield is the forward earnings yield (consensus analyst estimates of EPS over the next 12 months divided by price) minus the Moody's Baa seasoned corporate bond yield. Std. dev. over-/under-valued is calculated using the average and standard deviation over 25 years for each measure. *P/CF is a 20-year average due to cash flow availability. Guide to the Markets – U.S. Data are as of June 30, 2023.

Even with the broadening, performance has still been quite the tale of two markets. With the gains highly concentrated among large-cap growth, small-caps and value stocks have lagged measurably. While it's normal for the largest stocks to constitute an outsized component of the S&P 500, the index has never been this top-heavy in modern history. As of June 30, the weight of the top ten stocks in the index was almost 32% of the total market capitalization. That's a lot. For good measure, the top ten stocks are almost 50% more expensive than their long-term average. That's also a lot, especially in an environment where interest rates have risen so dramatically.

Figure 2: S&P 500 Index Concentration

% of market capitalization of the S&P 500 49 36% Current Average % of avg. Jun. 30. 2023: 31.7% 32% Top 10 29.3x 20.1x 145% 44x Remaining stocks 17.8x 15.7x 113% 28% S&P 500 19.1x 16.5x 116% 24% 39x 20% 16% 34> 12% '06 '00 '02 '04 '08 '10 '12 '14 '16 '18 '20 '96 '98 29x Earnings contribution of the top 10 in the S&P 500 Based on last 12 months' earnings 36% 24x Jun. 30. 2023: 21.5% 32% 28% 19x 24% 20% 14x 16% 12% 9x '96 '98 '00 '02 '04 '06 '08 '10 '12 '14 '16 '18 '20 '22 '96 '98 '00 '02 '04 '06 '08 '10 '12 '14 '16 '18 '20 '22

Weight of the top 10 stocks in the S&P 500

P/E ratio of the top 10 and remaining stocks in the S&P 500 Next 12 months, 1996 - present

The top 10 S&P 500 companies are based on the 10 largest index constituents at the beginning of each month. As of 5/31/2023, the top 10 companies in the index were AAPL (7.5%), MSFT (7.0%), AMZN (3.1%), NVDA (2.7%), GOOGL (2.1%), GOOG (1.8%), Meta (1.7%), BRK.B (1.7%), TLSA (1.6%), UNH (1.3%) and XOM (1.2%). The remaining stocks represent the rest of the 494 companies in the S&P 500.

Guide to the Markets - U.S. Data are as of June 30, 2023.

Source: FactSet, Standard & Poor's, J.P. Morgan Asset Management.

Meanwhile, the poor old brokedown Russell 2000, perhaps the most widely followed small-cap index, is up only 8% for the year. The Russell 2000 Value Index is up just 2.5%. So, what is driving this disparity? Casey Jones?

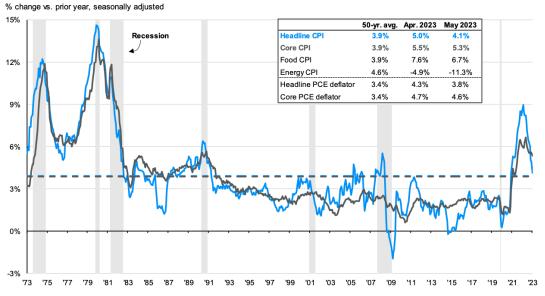
Not Fade Away

One explanation is simply the persistence of inflation, which has lasted far longer than our friends at the Grateful Fed expected. It's just not fading away...yet. While inflation has cooled, its persistency in areas such as wage growth, which can feed into a vicious circle of price acceleration, has the Fed's attention. In theory, inflation is more difficult for smaller firms to manage. Suppliers more easily pass along input costs, and customers are less likely to accept price increases. Meanwhile, at the top of the food chain, super large firms are better protected. Inflation has certainly cooled compared to this time last year (4.1% in May 2023 versus 8.6% in May 2022), but that's still far above Jerry Powell's long-term target of 2%. While the market welcomed the news that the Fed would officially pause its rate hike campaign in June, short-term interest rate futures have continued to move higher, and the Central Bank appears to have the green light for at least one more hike this year.



Figure 2: Inflation

CPI and core CPI



Source: BLS, FactSet, J.P. Morgan Asset Management.

CPI used is CPI-U and values shown are % change vs. one year ago. Core CPI is defined as CPI excluding food and energy prices. The Personal Consumption Expenditure (PCE) deflator employs an evolving chain-weighted basket of consumer expenditures instead of the fixed-weight basket used in CPI calculations.

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The conventional explanation as to why these pricey growth stocks have done so well, besides the excitement regarding artificial intelligence, has been that they benefit the most from low interest rates. It is easier to finance a company whose estimated profits are years away when money doesn't cost anything. So, how have these expensive growth stocks done so well recently during this rising rate environment? Perhaps the market has already priced in future rate cuts. After all, pundits have been calling for a recession for more than a year now, and it is practically nowhere to be found outside of commercial real estate. This is perhaps the most well-telegraphed economic slowdown in memory. The yield curve is essentially the most inverted it has been since the early 1980s, but so far, the economy has proven extraordinarily resilient. Perhaps the market is already looking through the higher current interest rates and investors are seeking refuge in places where profit growth seems most assured. Of course, positive momentum always helps too.

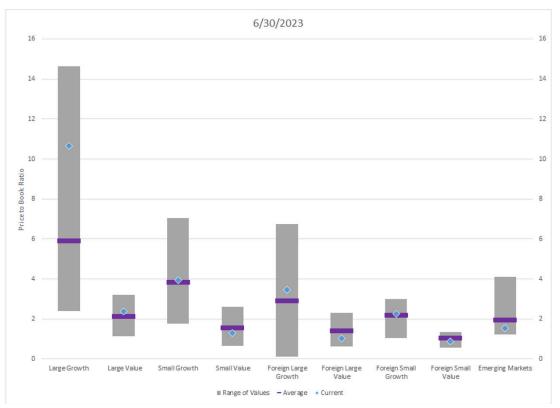


Figure 4: Historical Price-to-Book Ratios Across Various Equity Asset Classes

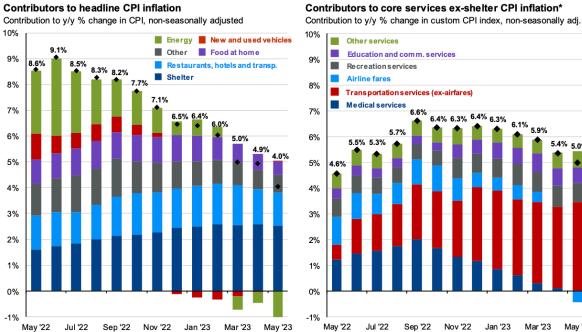
Another reason the market is so bifurcated might be that it has sorted companies that have lots of leverage into the cheap heap and companies that do not have lots of leverage into the heap for which it is willing to pay more. Smaller companies in more traditional industries tend to have more debt than the larger companies, and most certainly the largest tech companies. The debt to enterprise value ratio of the tech-heavy NASDAQ is just 17%. For the S&P 500, it's 30%. For the Russell 2000, the number is 49%. The further down the food chain, the larger the impact of higher interest rates. Coincidence?

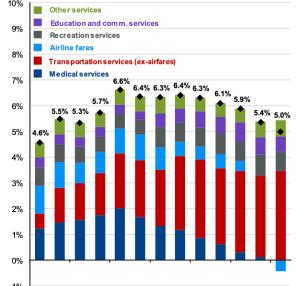
Another way of looking at this is to examine the ability of companies to cover their interest payments by comparing EBIT (earnings before interest and taxes) to interest. Using 12-months trailing interest, companies in the S&P 500, a large-cap index, appear far more capable of handling their interest burden than their smaller counterparts in the Russell 2000 (9.2x versus 2.6x).

On the other hand, if the market is already looking past the current level of higher interest rates, then the biggest future beneficiaries would be these smaller firms, as rates normalize. If there's one thing for which the Fed can indeed be grateful, it's the prospect for falling inflation due to expected easing in housing costs. Housing represents about 40% of the total core

Source: Trust Company of the South. Range of values calculated monthly beginning in January 1995.

consumer price index, which is by far the largest input, and due to the way it's calculated (a rolling average), it will start rolling over later this year.





Sep '22 Nov '22

Jan '23

Mar '23 May '23

Source: Bureau of Labor Statistics, FactSet, J.P. Morgan Asset Management. Contributions mirror the BLS methodology on Table 7 of the CPI report. Values may not sum to headline CPI figures due to rounding and underlying calculations. *Core services ex-shelter CPI is a custom index using CPI components created by J.P. Morgan Asset Management. Left: "Shelter" includes owners' equivalent rent and rent of primary residence; "Other" primarily reflects household furnishings, apparel, education and communication services, medical care services and other personal services. Right: "Transportation services" primarily includes leased cars and trucks, motor vehicle insurance and motor vehicle maintenance and repair. Airline fares are broken out from transportation services.

Guide to the Markets - U.S. Data are as of June 30, 2023.

Figure 5: Inflation Components

Beyond the cooling housing inputs and pockets of real estate, especially office, the economy has proven far, far stronger than expected, which has certainly contributed to the strength of financial markets this year. Fears that energy costs would skyrocket because of the war in Ukraine did not materialize, as Europe was able to secure alternate sources of fuel amid a milder than expected winter. The labor market is still quite tight, with the unemployment rate at an impressive 3.6%. In short, the economy just has not been shaken by higher interest rates. Yet.

Looks Like Rain

With inflation still at 4.1%, real interest rates are still effectively zero. They're no longer negative like they were two years ago, but zero interest rates are not particularly restrictive. The Fed Funds futures curve is now pricing in one more rate hike this year with plans for the Fed to begin easing in June 2024. Only three months ago, the market expected the Fed to begin cutting in September, and from a lower rate. The market is now factoring in rates 50 to 75 basis points higher than it was in April. The bottom line is that the Fed just hasn't done much to slow the economy yet, and it seems reasonable to expect that the Fed might not be finished after all. In other words, we have not yet felt any economic pain, and the pain is supposed to be the point. Rates seem poised to remain higher for longer.



Figure 6: Implied Overnight Rate & Number of Hikes/Cuts

If that turns out to be the case, it is increasingly difficult to justify valuations at the top of the market. Using a favored metric, stocks are nowhere near as attractive as they were even at the most recent peak in January 2022. Subsequently, when considering the earnings yield (which is the reciprocal of the price to earnings ratio and provides a simpler means to compare stocks with bonds), the S&P 500 was traded at 4.7%, whereas the 10-year Treasury yield stood at 1.6%. Since then, the risk-free rate has more than doubled to 3.8%, and earnings yields have only climbed to 5.2%. Viewed that way, stocks do not seem particularly inexpensive compared to zero-risk.

The Race Is On

For some time now, the near-term, bull case has been that rates will decline as inflation recede, which should support a favorable environment for equities. The near-term, bear case has been that higher interest rates will have real-world economic implications, slowing economic growth and triggering financial problems. The reality is that both can be true at the same time,

Source: Bloomberg; Trust Company of the South

and this scenario is the proverbial Goldilocks outcome, neither too hot nor too cold. So, how does one embrace this notion, while looking at a yield curve that's as inverted as it has been in decades, which so often signals a major economic slowdown? Perhaps the curve reflects the belief that inflation will die off without taking the economy with it. In any case, one can make the argument that it's an especially good time to be positioned to take advantage of outperformance in the market beyond the handful of large companies that have thus far led the rally this year.

Deal

As is so often the case, we find curious wisdom in our reading beyond financial outlets. The Fourth of July is always a fun time to listen to the Grateful Dead. Their music, as quirky as it can be, is uniquely American. To paraphrase Walt Whitman, it contains multitudes. It may be a bit of a stretch, but when contemplating Jerome Powell and the Federal Reserve's challenge of tackling inflation without stifling growth in an economy that has become reliant on government stimulus, the lyrics of one of their well-known songs, "Deal," seem relevant. Meanwhile, we're grateful for your trust in us. Please do not hesitate to reach out to us at any time:

Since it costs a lot to win And even more to lose You and me bound to spend some time Wondering what to choose

Goes to show, you don't ever know Watch each card you play and play it slow Wait until that deal come round Don't you let that deal go down, no, no

> I've been gambling here abouts For ten good solid years If I told you all that went down It would burn off both your ears

> Since you poured the wine for me And tightened up my shoes I hate to leave you sitting there Composing lonesome blues

Wait until that deal come round Don't you let that deal go down

For more information, please reach out to:

M. Burke Koonce III

Investment Strategist bkoonce@trustcompanyofthesouth.com Daniel L. Tolomay, CFA Chief Investment Officer dtolomay@trustcompanyofthesouth.com

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