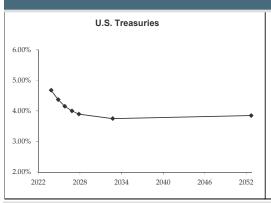


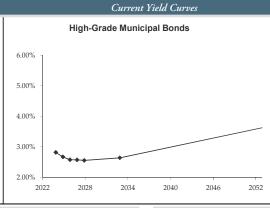
January 3, 2023

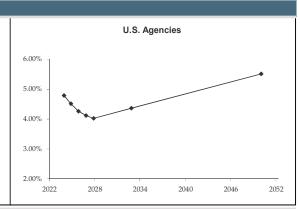
U.S. Treasury Yields						
Coupon Maturity		YTM				
0.000%	12/28/23	4.68%				
4.250%	12/31/24	4.37%				
4.000%	12/15/25	4.15%				
1.250%	12/31/26	4.00%				
3.875%	12/31/27	3.90%				
4.125%	11/15/32	3.75%				
4.000%	11/15/52	3.85%				

Municipal Bond Yields ¹					
Maturity	YTM	Tax-Equiv. ²			
01/02/24	2.82%	4.03%			
01/02/25	2.67%	3.82%			
01/02/26	2.58%	3.69%			
01/02/27	2.58%	3.68%			
01/02/28	2.56%	3.65%			
01/02/33	2.64%	3.77%			
01/02/53	3.63%	5.18%			

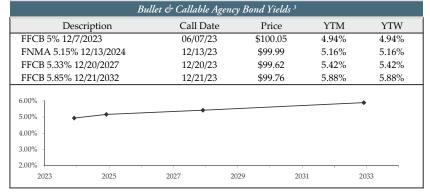
U.S. Agency Yields - Active Bonds					
Agency	Coupon	Maturity	Price	YTM	To Muni (bp)
FFCB	4.900%	01/09/24	\$100.05	4.79%	+76
FFCB	4.250%	12/20/24	\$99.39	4.51%	+69
FHLB	3.125%	12/12/25	\$96.86	4.26%	+57
FHLB	3.230%	12/01/26	\$96.61	4.12%	+43
FFCB	3.750%	12/07/27	\$98.76	4.02%	+37
FHLB	4.750%	12/10/32	\$102.71	4.36%	+59
FFCB	2.760%	02/03/50	\$61.23	5.51%	+33







Corporate Bond Yields			
Description	Price	YTM	To Treasury (bp)
GS (A2/BBB+) 3.5% 1/23/2025	\$96.90	5.09%	+72
C (A3/BBB+) 3.89% 1/10/2028	\$94.05	5.69%	+168
MS (A1/A-) 4.43% 1/23/2030	\$94.08	5.68%	+178
BAC (A2/A-) 2.97% 2/4/2033	\$81.67	5.56%	+181
6.00% 5.00% 4.00% 3.00%	•	-	•
2024 2026	2028 2020	2032	





January 6, 2023

MARKET STATISTICS

INDEX RETURNS

EQUITIES (%)			
	WTD	MTD	YTD
S&P 500	1.45	1.47	1.47
DJIA	1.46	1.50	1.50
Nasdaq	0.98	1.01	1.01
Russell 1000	1.43	1.45	1.45
Russell 2000	1.79	1.81	1.81
Russell 3000	1.45	1.47	1.47

FOREIGN (%)				
	WTD	MTD	YTD	
MSCI ACWI	0.05	0.08	0.08	
MSCI ACWI xUSA	1.42	1.44	1.44	
MSCI EAFE	0.90	0.92	0.92	
MSCI EM	2.89	2.90	2.90	

FIXED INCOME (%)				
	WTD	MTD	YTD	
US Intermediate Gov/Cred	0.28	0.28	0.28	
U.S. Aggregate	0.78	0.78	0.78	
US Corp High Yield	1.12	1.12	1.12	
Municipal Bond	0.56	0.56	0.56	

OTHERS (%)			
	WTD	MTD	YTD
DJ Eqty REIT TOT RE IDX	2.19	2.19	2.19
Alerian MLP Index	2.60	2.60	2.60
S&P GSCI Index Spot Indx	-6.38	-6.38	-6.38
Dollar Index Spot	0.38	0.38	0.38

RUSSELL STYLE

RETURNS YTD (%)				
	VALUE	CORE	GROWTH	
Large Cap	2.51	1.45	0.32	
Mid Cap	2.84	2.18	0.95	
Small Cap	2.24	1.81	1.38	

ECONOMIC SCORECARD

SELECTED RELEASES				
	ESTIMATE	ACTUAL	DIFFERENCE	
Change in Nonfarm Payrolls	203k	223k	20k	
Unemployment Rate	3.7%	3.5%	-0.2%	
Average Hourly Earnings YoY	5.0%	4.6%	-0.4%	
Labor Force Participation Rate	62.2%	62.3%	0.1%	
ISM Manufacturing	48.5	48.4	-0.1	
ISM Services Index	55.0	49.6	-5.4	

COMMODITY PRICES

ALTERNATIVES				
	1/6/2023	12/31/2022	12/31/2022	
Generic Crude Oil Future	\$73.77	\$80.26	\$80.26	
Generic Gold Future	\$1,869.70	\$1,826.20	\$1,826.20	
Dollar Index Spot	\$103.91	\$103.52	\$103.52	
Euro Spot	\$1.06	\$1.07	\$1.07	

SECTOR RETURNS (%)				
	YTD			
Discretionary	2.25			
Staples	1.77			
Energy	0.00			
Financials	3.42			
Health Care	-0.17			
Industrials	2.72			
Info Tech	0.24			
Materials	3.45			
Real Estate	2.50			
Communication Services	3.75			
Utilities	0.70			



January 10, 2023

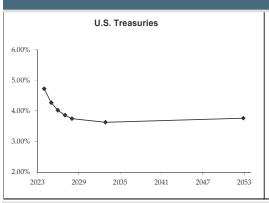
U.S. Treasury Yields					
Coupon	Maturity	YTM			
0.000%	12/28/23	4.73%			
4.250%	12/31/24	4.27%			
4.000%	12/15/25	4.02%			
1.250%	12/31/26	3.86%			
3.875%	12/31/27	3.75%			
4.125%	11/15/32	3.63%			
4.000%	11/15/52	3.76%			

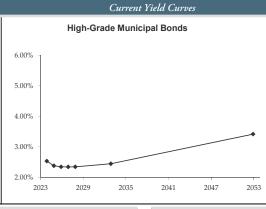
2023

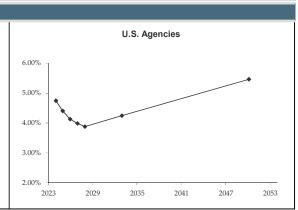
2025

Municipal Bond Yields ¹					
Maturity	YTM	Tax-Equiv. ²			
01/09/24	2.54%	3.62%			
01/09/25	2.38%	3.40%			
01/09/26	2.35%	3.35%			
01/09/27	2.35%	3.35%			
01/09/28	2.35%	3.35%			
01/09/33	2.45%	3.50%			
01/09/53	3.42%	4.88%			

U.S. Agency Yields - Active Bonds					
Agency	Coupon	Maturity	Price	YTM	To Muni (bp)
FFCB	4.900%	01/09/24	\$100.09	4.74%	+112
FFCB	4.250%	12/20/24	\$99.63	4.40%	+100
FHLB	3.125%	12/12/25	\$97.23	4.13%	+77
FHLB	3.230%	12/01/26	\$97.08	3.99%	+64
FFCB	3.750%	12/07/27	\$99.38	3.88%	+53
FHLB	4.750%	12/10/32	\$103.65	4.24%	+74
FFCB	2.760%	02/03/50	\$61.71	5.46%	+58







Corporate Bond Yields					
Description	Price	YTM	To Treasury (bp)		
GS (A2/BBB+) 3.5% 1/23/2025	\$97.16	4.96%	+69		
C (A3/BBB+) 3.89% 1/10/2028	\$94.51	5.58%	+172		
MS (A1/A-) 4.43% 1/23/2030	\$94.54	5.60%	+186		
BAC (A2/A-) 2.97% 2/4/2033	\$82.05	5.51%	+188		
6.00% 5.00% - 4.00% - 3.00% - 2.00%	•	-	•		

Butter & Cuttuble Agency Bond Tretas					
Descri	ption	Call Date	Price	YTM	YTW
FFCB 5% 12/7/20)23	06/07/23	\$99.99	5.00%	5.00%
FNMA 5.15% 12,	/13/2024	12/13/23	\$100.13	5.07%	5.07%
FFCB 5.33% 12/2	0/2027	12/20/23	\$99.93	5.35%	5.35%
FFCB 5.85% 12/2	1/2032	12/21/23	\$100.49	5.78%	5.31%
6.00% - 5.00% - 4.00% - 3.00% - 2.00%	•	•			•
2023	2025	2027	2029	2031	2033

Rullet & Callable Agency Rond Vields 3

2033



OUTLOOKS

January 2023

ECONOMIC OUTLOOK

Summary

It may be a new year, but it's still the same old messaging from the Federal Reserve. The recently released minutes from their December meeting indicated the labor market remains too strong and the potential for elevated inflation continues. They also stressed the risk of market participants ignoring their warnings about keeping an overnight rate that is restrictive "for some time", which could lead to financial conditions loosening too much.

However, despite their hawkish rhetoric, that is exactly what's unfolding. Market based expectations for the overnight rate remain well below the Fed's predictions. This suggests the Fed will not push rates as high as they have indicated, and additionally, will cut rates several times by year end. While it might prove accurate, this could potentially be a case of wishful thinking by market participants. If the Fed holds true to their word it's likely the stress of higher rates in the economy could send us into a mild recession or worse. On the other hand, if the Fed follows the rate path the market is projecting, there remains the possibility of a soft landing.

While a soft landing didn't seem likely during the first half of 2022, when we had consecutive quarters of negative GDP growth just as rate hikes were getting under way, it has rejoined the conversation. Despite the Fed hiking at an unprecedented pace throughout the second half of the year, we experienced 3.2% GDP growth in the third quarter, and are on pace for 3.8% in the fourth quarter (according to GDPNow). In addition, the labor market remained strong in December as the labor force participation rate ticked higher, and the unemployment rate hit a cycle low of 3.5%. Most importantly, we have seen a string of four consecutive months with decreasing core Personal Consumption Expenditures (PCE) price index, the Fed's preferred inflation metric.

Still, that doesn't mean the economy is out of the woods. For example, December also brought with it both manufacturing and service Purchasing Managers Indexes (PMI) that have moved below 50, a sign of a contracting economy. Interest sensitive areas of the economy continue to struggle, and retail sales have been negative for two of the last three months.

As the Fed approaches the late stages of its rate hiking cycle, it is likely to become much more data dependent moving forward. That makes monitoring every economic data point, specifically those regarding inflation, consumption and employment, more critical as we navigate the next several months.

Positives

The final revision to third quarter GDP increased by 0.3% (to 3.2%)

The unemployment rate fell to a 53-year low (3.469%)

The Conference Board (CB) Consumer Confidence Index reached its highest level in 7 months (108.3)

Negatives

Average hourly earnings year-over-year declined by 0.5% (to 4.6%)

Retail sales declined by -0.6% in November (est. -0.2%)

Pending home sales year-over-year were down nearly 40%



OUTLOOKS

January 2023

EQUITY OUTLOOK

Summary

2022 was a rough year for equity investors. The S&P 500 closed the month of December down 5.8% bringing the total losses for the year to 18.1%. Growth stocks for the most part underperformed value stocks throughout the year. The Russell 1000 Growth Index dropped another 7.7% in December, down 29.1% for the year. In contrast, the Russell 1000 Value Index lost 4.0% and 7.6% respectively.

As we move into 2023, it's important to note it would be unlikely for the market to finish lower in consecutive calendar years. That hasn't happened in over 20 years and has only happened twice in the last 50 years. Also, as we have mentioned in previous publications, many of the troubles that have pressured the stock market are now showing reasons for optimism. The pandemic, while currently raging in China, has largely faded as a market concern. Inflation is still high, but it has likely peaked and has been falling faster than expected for a couple of months. Inflation is far from the Fed's ultimate target, but evidence it might be headed towards those levels may cause the Fed to pause its rate hiking campaign at some point in the coming months. This will be very welcome news for equity markets given inflation, it could be argued, was the most impactful cause of the stock market's decline. The Russia/Ukraine war continues. It is very hard to provide an outlook for a crisis relying so heavily on someone as unpredictable as Vladimir Putin.

Corporate earnings remained rather resilient in 2022 but are likely to weaken through this year. Executives are clearly

preparing for an economic slowdown. Still, equity valuations by most traditional measures, look attractive even given a forecast for modestly lower earnings. 2023 is likely to be a good year for equity investors. Many strategist believe the markets will be choppy early on but finish higher with positive returns coming in the second half of the year. Don't be surprised though, if the markets anticipate the positive changes and rally sooner.

Positives

Inflation continues to moderate

Equity valuations

Warmer weather in Europe easing energy concerns

Negatives

Falling corporate earnings

Recession potential

Unknowns

Federal Reserve – when do they pause and pivot



OUTLOOKS

January 2023

FIXED INCOME OUTLOOK

Summary

The bond market was unable to follow up November's historically strong monthly return as it lost ground again in December. Hopes of another positive month were dashed midmonth after the Fed increased the overnight rate by another 50 basis points (bps). While this was smaller than the four previous hikes of 75 bps, the messaging was clear that more increases should be expected and investors should not expect a reversal of policy in 2023. Yields increased across the curve as this hawkish tone combined with generally stronger-than-expected economic and inflation data. The 2-year Treasury note rose by 12 bps to 4.43% and the 10-year increased 27 bps to 3.88%. The Bloomberg Aggregate Bond Index had a monthly return of -0.45% while their Government/Credit Index delivered -0.48%. Without longer maturity bonds, the Intermediate Government/ Credit Index was -0.18%. That made nine months of negative returns compared to only three months of positive for 2022. Volatility also remained elevated as for each month of the year, the high-to-low trading range for the 10-year Treasury note was above the long-run average.

Fortunately, credit spreads were able to hold onto the tighter levels reached in November allowing corporate bonds to deliver better, or slightly less negative, returns for the month. Intermediate investment-grade corporate bonds delivered a return of -0.07% with industrial companies trailing at -0.21% but financial company bond returns were actually positive at 0.08%. For the year, the Bloomberg Aggregate Bond Index had a return of -13.01% while their Government/Credit Index delivered -13.58%. The Intermediate Government/Credit Index was -8.23%. The magnitude of these returns is about four times the previous worse year of 1994.

With no meeting in January, the Fed is widely expected to again increase the overnight rate by 25 bps in February with an outside chance of 50 bps. By June, expectations are they will have increased by a total of 75 bps to a range of 5.00% to 5.25%. A lot can happen between now and then, but if they do increase by this amount and the economy is not significantly impaired, shorter maturity bond yields will likely increase modestly from current levels and should drag longer yields higher as well. But if the economy shows signs of slowing and inflationary pressures continue to ease, the Fed might not

increase rates at all after the February meeting. In that case, yields could trend modestly lower on anticipation of cuts late in the year or early in 2024. We are prone to lean toward the second of these scenarios and look for bonds to have solidly-positive returns for the year. Barring a severe recession, credit spreads could narrow further as well, allowing corporate bonds to outperform Treasury debt.

Positives

Without the impact of housing, inflation data is already weakening Long-run inflation expectations remain anchored

Investment-grade yields reached 15-year highs

U.S. corporate bond yields still attractive with spreads near long-run average

Negatives

Fed remains committed to squashing inflation. This is their "Volker Moment"

Overnight rate to increase further and could remain elevated the entire year

The yield curve is already near historical inversion levels

Unknowns

Fed's ability to reduce their balance sheet and the impact on market liquidity

Resolution of the Russia/Ukraine war and its impact on inflation going forward



January 13, 2023

MARKET STATISTICS

INDEX RETURNS

EQUITIES (%)			
	WTD	MTD	YTD
S&P 500	2.67	4.22	4.22
DJIA	2.00	3.54	3.54
Nasdaq	4.82	5.88	5.88
Russell 1000	2.90	4.43	4.43
Russell 2000	5.26	7.17	7.17
Russell 3000	3.04	4.59	4.59

FOREIGN (%)			
	WTD	MTD	YTD
MSCI ACWI	2.69	4.79	4.79
MSCI ACWI xUSA	3.17	6.17	6.17
MSCI EAFE	3.32	6.12	6.12
MSCI EM	3.00	6.50	6.50

FIXED INCOME (%)			
	WTD	MTD	YTD
US Intermediate Gov/Cred	0.76	1.79	1.79
U.S. Aggregate	1.22	3.09	3.09
US Corp High Yield	1.48	3.74	3.74
Municipal Bond	0.98	2.14	2.14

OTHERS (%)			
	WTD	MTD	YTD
DJ Eqty REIT TOT RE IDX	4.30	6.58	6.58
Alerian MLP Index	2.64	5.31	5.31
S&P GSCI Index Spot Indx	4.58	-1.72	-1.72
Dollar Index Spot	-1.64	-1.30	-1.30

RUSSELL STYLE

RETURNS YTD (%)			
	VALUE	CORE	GROWTH
Large Cap	4.48	4.43	4.37
Mid Cap	5.84	5.65	5.30
Small Cap	6.87	7.17	7.47

ECONOMIC SCORECARD

SELECTED RELEASES					
	ESTIMATE	ACTUAL	DIFFERENCE		
CPI YoY	6.5%	6.5%	0.0%		
CPI Ex Food and Energy YoY	5.7%	5.7%	0.0%		
UofMich Consumer Sentiment	60.7	64.6	3.9		
NFIB Small Business Optimism	91.5	89.8	-1.7		
Initial Jobless Claims	215k	205k	-10k		
Continuing Claims	1710k	1634k	-76k		

COMMODITY PRICES

ALTERNATIVES			
	1/13/2023	12/31/2022	12/31/2022
Generic Crude Oil Future	\$79.86	\$80.26	\$80.26
Generic Gold Future	\$1,921.70	\$1,826.20	\$1,826.20
Dollar Index Spot	\$102.18	\$103.52	\$103.52
Euro Spot	\$1.08	\$1.07	\$1.07

SECTOR RETURNS (%)				
	YTD			
Discretionary	8.15			
Staples	0.30			
Energy	2.69			
Financials	5.54			
Health Care	-0.29			
Industrials	4.29			
Info Tech	4.87			
Materials	7.91			
Real Estate	7.02			
Communication Services	8.18			
Utilities	1.16			

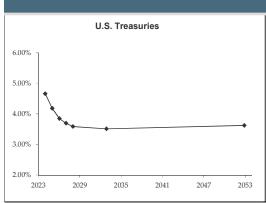


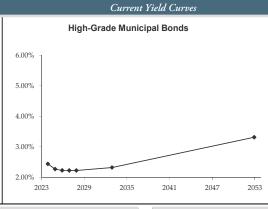
January 17, 2023

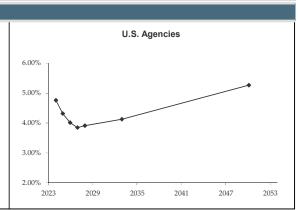
U.S. Treasury Yields					
Coupon	Maturity	YTM			
0.000%	12/28/23	4.66%			
4.250%	12/31/24	4.19%			
3.875%	01/15/26	3.85%			
1.250%	12/31/26	3.70%			
3.875%	12/31/27	3.59%			
4.125%	11/15/32	3.51%			
4.000%	11/15/52	3.63%			

Municipal Bond Yields ¹					
Maturity	YTM	Tax-Equiv. ²			
01/16/24	2.44%	3.49%			
01/16/25	2.27%	3.25%			
01/16/26	2.23%	3.19%			
01/16/27	2.23%	3.18%			
01/16/28	2.23%	3.18%			
01/16/33	2.33%	3.32%			
01/16/53	3.32%	4.74%			

U.S. Agency Yields - Active Bonds					
Agency	Coupon	Maturity	Price	YTM	To Muni (bp)
FFCB	4.900%	01/09/24	\$100.07	4.76%	+127
FFCB	4.250%	12/20/24	\$99.79	4.32%	+107
FHLB	3.125%	12/12/25	\$97.55	4.01%	+83
FHLB	3.230%	12/01/26	\$97.57	3.85%	+67
FFCB	3.750%	12/07/27	\$99.25	3.91%	+73
FHLB	4.750%	12/10/32	\$104.63	4.12%	+80
FFCB	2.760%	02/03/50	\$63.74	5.27%	+53







Corporate Bond Yields					
Description	Price	YTM	To Treasury (bp)		
GS (A2/BBB+) 3.5% 1/23/2025	\$97.46	4.81%	+63		
C (A3/BBB+) 3.89% 1/10/2028	\$95.40	5.38%	+168		
MS (A1/A-) 4.43% 1/23/2030	\$96.06	5.34%	+175		
BAC (A2/A-) 2.97% 2/4/2033	\$83.97	5.24%	+173		
6.00% - 5.00% - 4.00% - 3.00% - 2.00%	•	-	•		
2023 2025	2027 2029	2031	2033		

Bullet & Callable Agency Bond Yields ³					
Description	Call Date	Price	YTM	YTW	
FFCB 5% 12/7/2023	06/07/23	\$99.98	5.02%	5.02%	
FNMA 5.15% 12/13/2024	12/13/23	\$100.18	5.05%	5.05%	
FFCB 5.33% 12/20/2027	12/20/23	\$100.03	5.32%	5.30%	
FFCB 5.85% 12/21/2032	12/21/23	\$100.53	5.78%	5.25%	
6.00% - 5.00% - 4.00% - 3.00% - 2.00%	•		ı	•	
2023 2025	2027	2029	2031	2033	



January 20, 2023

MARKET STATISTICS

INDEX RETURNS

EQUITIES (%)			
	WTD	MTD	YTD
S&P 500	-0.66	3.55	3.55
DJIA	-2.70	0.78	0.78
Nasdaq	0.55	6.47	6.47
Russell 1000	-0.59	3.82	3.82
Russell 2000	-1.04	6.06	6.06
Russell 3000	-0.62	3.96	3.96

FOREIGN (%)			
	WTD	MTD	YTD
MSCI ACWI	-1.65	3.73	3.73
MSCI ACWI xUSA	-0.42	6.74	6.74
MSCI EAFE	-0.50	6.53	6.53
MSCI EM	-0.19	7.52	7.52

FIXED INCOME (%)					
	WTD	MTD	YTD		
US Intermediate Gov/Cred	0.50	2.06	2.06		
U.S. Aggregate	0.61	3.37	3.37		
US Corp High Yield	-0.18	3.66	3.66		
Municipal Bond	0.66	2.98	2.98		

OTHERS (%)			
	WTD	MTD	YTD
DJ Eqty REIT TOT RE IDX	-0.51	6.04	6.04
Alerian MLP Index	-0.16	5.19	5.19
S&P GSCI Index Spot Indx	0.63	-0.08	-0.08
Dollar Index Spot	-0.22	-1.49	-1.49

RUSSELL STYLE

RETURNS YTD (%)			
	VALUE	CORE	GROWTH
Large Cap	2.94	3.82	4.77
Mid Cap	4.61	4.83	5.25
Small Cap	5.70	6.06	6.42

ECONOMIC SCORECARD

SELECTED RELEASES					
	ESTIMATE	ACTUAL	DIFFERENCE		
Retail Sales Advance MoM	-0.9%	-1.1%	-0.2%		
PPI Final Demand YoY	6.8%	6.2%	-0.6%		
Industrial Production MoM	-0.10%	-0.70%	-0.6%		
Empire Manufacturing	-8.7	-32.9	-24.2		
Initial Jobless Claims	214k	190k	-24k		
Continuing Claims	1655k	1647k	-8k		

COMMODITY PRICES

ALTERNATIVES			
	1/20/2023	12/31/2022	12/31/2022
Generic Crude Oil Future	\$81.31	\$80.26	\$80.26
Generic Gold Future	\$1,928.90	\$1,826.20	\$1,826.20
Dollar Index Spot	\$101.98	\$103.52	\$103.52
Euro Spot	\$1.09	\$1.07	\$1.07

SECTOR RETURNS (%	6)
	YTD
Discretionary	7.60
Staples	-2.45
Energy	3.45
Financials	3.35
Health Care	-1.39
Industrials	0.82
Info Tech	5.59
Materials	6.61
Real Estate	6.22
Communication Services	11.39
Utilities	-1.81

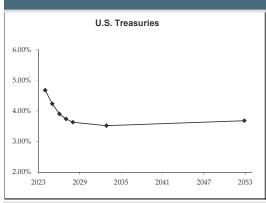


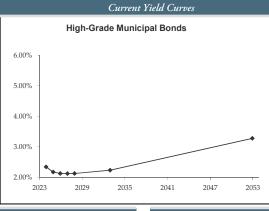
January 24, 2023

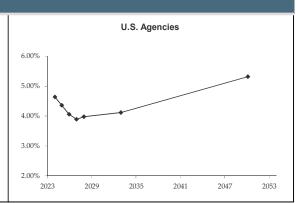
U.S. Treasury Yields						
Coupon	Maturity	YTM				
0.000%	12/28/23	4.68%				
4.250%	12/31/24	4.24%				
3.875%	01/15/26	3.90%				
1.250%	12/31/26	3.74%				
3.875%	12/31/27	3.63%				
4.125%	11/15/32	3.52%				
4.000%	11/15/52	3.68%				

Municipal Bond Yields ¹					
Maturity	YTM	Tax-Equiv. ²			
01/23/24	2.34%	3.35%			
01/23/25	2.18%	3.11%			
01/23/26	2.13%	3.04%			
01/23/27	2.13%	3.04%			
01/23/28	2.13%	3.04%			
01/23/33	2.24%	3.20%			
01/23/53	3.28%	4.68%			

U.S. Agency Yields - Active Bonds					
Agency	Coupon	Maturity	Price	YTM	To Muni (bp)
FFCB	4.900%	01/09/24	\$100.18	4.64%	+129
FFCB	4.250%	12/20/24	\$99.72	4.36%	+125
FHLB	3.125%	12/12/25	\$97.45	4.06%	+101
FHLB	3.230%	12/01/26	\$97.44	3.89%	+85
FFCB	3.750%	12/07/27	\$98.97	3.97%	+93
FHLB	4.750%	12/10/32	\$104.68	4.12%	+92
FFCB	2.760%	02/03/50	\$63.22	5.32%	+63







Corporate Bond Yields					
Description	Price	YTM	To Treasury (bp)		
GS (A2/BBB+) 3.5% 1/23/2025	\$97.24	4.94%	+71		
C (A3/BBB+) 3.89% 1/10/2028	\$95.85	5.28%	+154		
MS (A1/A-) 4.43% 1/23/2030	\$96.51	5.27%	+164		
BAC (A2 /A-) 2.97% 2/4/2033	\$84.79	5.13%	+161		
		-			
6.00%					
5.00% -	•		•		
4.00% -					
3.00% -					
2.00%					

Bullet & Callable Agency Bond Yields				
Description	Call Date	Price	YTM	YTW
FFCB 5% 12/7/2023	06/07/23	\$99.84	5.18%	5.18%
FNMA 5.15% 12/13/2024	12/13/23	\$100.03	5.13%	5.13%
FFCB 5.33% 12/20/2027	12/20/23	\$100.01	5.33%	5.31%
FFCB 5.85% 12/21/2032	12/21/23	\$100.73	5.75%	5.01%
5.00% - 4.00% - 3.00% - 2.00%	•	1		
2023 2025	2027	2029	2031	2033

2033



January 27, 2023

MARKET STATISTICS

INDEX RETURNS

EQUITIES (%)			
	WTD	MTD	YTD
S&P 500	2.47	6.11	6.11
DJIA	1.81	2.60	2.60
Nasdaq	4.32	11.07	11.07
Russell 1000	2.56	6.49	6.49
Russell 2000	2.36	8.58	8.58
Russell 3000	2.54	6.62	6.62

FOREIGN (%)			
	WTD	MTD	YTD
MSCI ACWI	1.88	7.18	7.18
MSCI ACWI xUSA	1.28	8.82	8.82
MSCI EAFE	1.14	8.30	8.30
MSCI EM	1.57	10.09	10.09

FIXED INCOME (%)			
	WTD	MTD	YTD
US Intermediate Gov/Cred	-0.01	1.77	1.77
U.S. Aggregate	0.14	3.04	3.04
US Corp High Yield	0.40	3.93	3.93
Municipal Bond	0.03	2.86	2.86

OTHERS (%)			
	WTD	MTD	YTD
DJ Eqty REIT TOT RE IDX	2.96	9.18	9.18
Alerian MLP Index	2.24	7.58	7.58
S&P GSCI Index Spot Indx	-0.16	0.84	0.84
Dollar Index Spot	-0.08	-1.54	-1.54

RUSSELL STYLE

RETURNS YTD (%)			
	VALUE	CORE	GROWTH
Large Cap	4.77	6.49	8.33
Mid Cap	7.25	7.57	8.18
Small Cap	8.04	8.58	9.10

ECONOMIC SCORECARD

SELECTED RELEASES			
	ESTIMATE	ACTUAL	DIFFERENCE
GDP Annualized QoQ	2.6%	2.9%	0.3%
PCE Core Deflator YoY	4.4%	4.4%	0.0%
Durable Goods Ex Transportation	-0.2%	-0.1%	0.1%
Pending Home Sales NSA YoY	-35.4%	-34.3%	1.1%
Initial Jobless Claims	205k	186k	-19k
Continuing Claims	1658k	1675k	17k

COMMODITY PRICES

ALTERNATIVES			
	1/27/2023	12/31/2022	12/31/2022
Generic Crude Oil Future	\$79.44	\$80.26	\$80.26
Generic Gold Future	\$1,928.20	\$1,826.20	\$1,826.20
Dollar Index Spot	\$101.93	\$103.52	\$103.52
Euro Spot	\$1.09	\$1.07	\$1.07

SECTOR RETURNS (%)			
	YTD		
Discretionary	14.48		
Staples	-2.02		
Energy	4.26		
Financials	5.97		
Health Care	-2.22		
Industrials	2.97		
Info Tech	9.89		
Materials	7.36		
Real Estate	9.21		
Communication Services	15.04		
Utilities	-2.29		

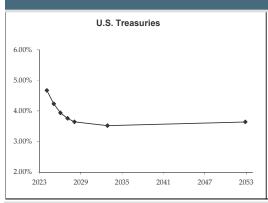


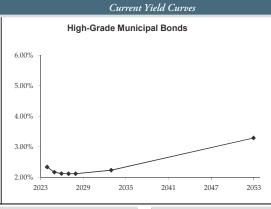
January 31, 2023

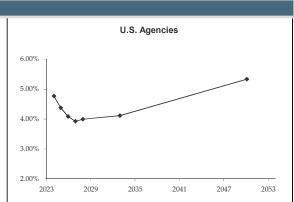
	U.S. Treasury Y	ields –
Coupon	Maturity	YTM
0.000%	01/25/24	4.67%
4.125%	01/31/25	4.23%
3.875%	01/15/26	3.94%
1.500%	01/31/27	3.76%
3.500%	01/31/28	3.64%
4.125%	11/15/32	3.52%
4.000%	11/15/52	3.64%

Municipal Bond Yields ¹			
Maturity	YTM	Tax-Equiv. ²	
01/30/24	2.34%	3.34%	
01/30/25	2.17%	3.10%	
01/30/26	2.12%	3.03%	
01/30/27	2.12%	3.03%	
01/30/28	2.12%	3.03%	
01/30/33	2.24%	3.20%	
01/30/53	3.29%	4.70%	

U.S. Agency Yields - Active Bonds					
Agency	Coupon	Maturity	Price	YTM	To Muni (bp)
FFCB	4.900%	01/09/24	\$100.06	4.77%	+142
FFCB	4.250%	12/20/24	\$99.66	4.37%	+127
FHLB	3.125%	12/12/25	\$97.39	4.08%	+105
FHLB	3.230%	12/01/26	\$97.34	3.92%	+89
FFCB	3.750%	12/07/27	\$98.90	3.99%	+96
FHLB	4.750%	12/10/32	\$104.72	4.11%	+91
FFCB	2.760%	02/03/50	\$63.08	5.33%	+63







Corpo	rate Bond Yields		
Description	Price	YTM	To Treasury (bp)
GS (A2/BBB+) 3.5% 1/23/2025	\$97.31	4.92%	+68
C (A3/BBB+) 3.89% 1/10/2028	\$96.07	5.24%	+148
MS (A1/A-) 4.43% 1/23/2030	\$96.83	5.21%	+157
BAC (A2 /A-) 2.97% 2/4/2033	\$85.77	4.99%	+147
6.00%	•	-	
4.00% -			
2.00% 2023 2025 2027	2029	2031	2033

