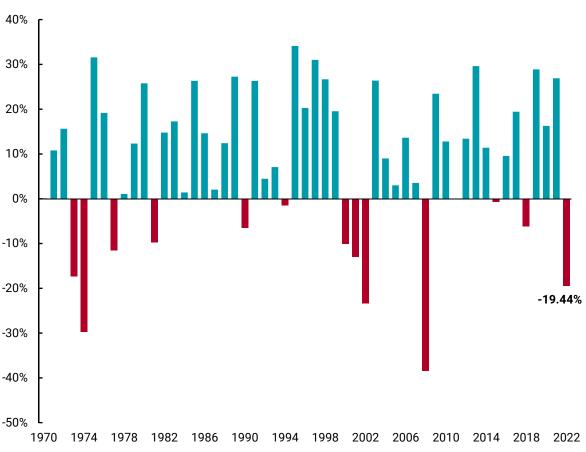
INVESTMENT MANAGEMENT

Weekly market update

Chart of the week (Jan. 06, 2023)



Annual Returns of the S&P 500 Index



A review of history shows how unusual it is for the S&P 500 to suffer two losing years in a row. Our chart this week goes back to 1970 and offers only two instances of this occurring. If we go back to the 1920s, the number only goes up to four times. So what should we expect as we move into 2023 after a near 20% decline in the S&P 500 in 2022?

The decline in the S&P 500 last year was driven by higher inflation which spurred the Federal Reserve to raise interest rates at the fastest pace ever. Yet as this occurred, corporate profits remained firm and economic growth, as measured by GDP, was accelerating as we closed out the year. In addition, the most significant part of the domestic economy, the U.S. consumer, is supported by a robust job market. The latest employment report showed that the headline unemployment rate fell to a cycle low of 3.5%. At the same time, while the Fed slowed their rate increase to 0.50% in Dec., our outlook is for rates to increase an additional 0.75-1% before they pause rate increases. The Fed also continues reducing its balance sheet by \$95 billion a month.

The markets don't move in calendar year increments, so the caution we feel as we enter 2023 may ease over the coming months. It is common for stocks to experience intra-year declines while still posting positive returns for the year. All this is to say, there are many moving parts to the economy, making forecasting markets very difficult. We are watching inflation measures closely as this will play a key role in how the Fed approaches interest rates. We also know rate increases operate with a lag, so we need to see the impact of the actions already taken on economic growth and profits. Interest-sensitive sectors, such as housing, have already begun to slow, and technological company lay-off announcements have picked up. We would reiterate that a recession is not a foregone conclusion.

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Commentary (Jan. 06, 2023)

Domestic Equities

- U.S. stocks closed the first week of trading in 2023 with gains thanks to a
 jobs report out Friday, which hit just right on inflation and recession
 concerns.
- The Dec. jobs report showed that employers added more jobs than
 expected, a counterpoint against recession fears. Additionally, the report
 showed wage growth continued to cool by more than expected, a sign that
 rising interest rates have begun to make a dent in inflation.
- Investors are hoping to see swiftly cooling inflation and are already pricing
 in the chance that the Federal Reserve will begin to cut rates later in the
 year. However, minutes from the last policy meeting released on
 Wednesday showed that officials expect to keep raising rates if inflation
 persists.

Bonds

- U.S. Treasuries experienced a strong start to the year, with yields falling
 across the curve on weaker inflation data and less hawkish comments
 from St. Louis Fed President Jim Bullard. On Wednesday, the Federal
 Reserve released the minutes from its Dec. 13-14 policy meeting, which
 confirmed that Fed officials continue to anticipate ongoing increases in the
 target range for the federal funds rate will be needed and that rate cuts in
 2023 are unlikely.
- Global bonds also rallied on softer inflation data across the Eurozone, with Germany and France experiencing large drops in consumer inflation on a year-over-year and month-over-month basis for Dec.
- The amount of negative-yielding debt in the Bloomberg Global Aggregate Index fell to zero for the first time in over a decade after reaching a peak at over \$18 trillion.

International Equities

- Positive momentum within foreign markets has continued, driven by China's reopening from stringent COVID-19 policies, a weaker dollar, and signs of easing global inflation, which have been spurring gains.
- Foreign developed markets started the year on a positive note, with decent gains seen across most European markets, while the Pacific markets, notably Japan, struggled. Inflation in the Eurozone dropped for the second consecutive month, and that trend lifted investors' hopes that the European Central Bank will slow the pace of monetary policy tightening.
- Emerging markets rallied to begin the year with strong performance from Asian stocks, while markets across Latin America and Eastern Europe faltered. Chinese stocks rose over 7% as 2023 earnings estimates were revised up despite some recent shaky economic data and challenges in managing the surge in COVID cases.

Economics

- The Bureau of Labor Statistics (BLS) employment report for Dec. indicated that non-farm payroll increased by 223k jobs and total employment reached 159.2 million. The leisure and hospitality, and healthcare sectors continued to lead monthly increases. The labor force participation rate slightly increased to 62.3%, and the unemployment rate declined to 3.5%.
- The BLS Job Openings and Labor Turnover Summary (JOLTS) indicated job openings were 10.5 million in Nov., 54k lower than Oct.
- The Department of Labor indicated Initial claims for unemployment insurance fell to 204k (-19k) in the final week of 2022, and the 4-week moving average has declined each week since Dec. 3. Continuing claims were 1.7 million (-24k) for the week ending Dec. 24, and the 4-week moving average has been rising since Oct. 1.



Weekly Market Update

For Week Ending January 06, 2023

Markets					Equity	y Style)						Economic Data		
	Last Price	Change From Prior Week	Change From Year End	Change From Year Ago	5200) ¬								Last Release	Year Ago
Capital Markets	Lastifice	1 HOI WEEK	Teal Lilu	rear Ago	0200	,		S&P 500					Inflation	Last Neicase	Teal Ago
Dow Jones Industrial Avg	33,630.61	1.5%	1.5%	-5.2%	4700) -		Aa					CPI Headline Inflation	7.1%	6.8%
S&P 500 Index	3,895.08	1.5%	1.5%	-15.7%		V	Mr. M	The same of the sa					CPI Core Inflation	6.0%	4.9%
NASDAQ	10,569.29	1.0%	1.0%	-29.3%	4200) -	· W	"U	m	M/V			Personal Consumption Exp (PCE) Core	4.7%	4.8%
S&P 400 Midcap Index	2,489.95	2.5%	2.5%	-10.1%	3700	,		**	1000	74	W. a.		1 crostial consumption Exp (1 oE) core	4.770	4.070
S&P 600 Smallcap Index	1,185.83	2.5%	2.5%	-13.9%	3700	'				`	vw.		Jobs		
MSCI EAFE	6,759.75	2.7%	2.7%	-11.7%	3200)							Unemployment Rate (U3)	3.5%	3.9%
MSCI Emerging Markets	502.52	3.4%	3.4%	-16.4%	5255								Broader Unemployment Rate (U6)	6.5%	7.3%
Bloomberg US Agg	2,086.58	1.8%	1.8%	-10.4%	2700) -							JOLT Survey (in millions)	10.46	10.92
Bloomberg Municipal 5 Yr	472.14	0.7%	0.7%	-4.2%									Jobless Claims (000's)	204	224
•	3,027.43	2.0%	2.0%	-4.2% -12.7%	2200		+						,	223	588
Bloomberg US Corporate				-8.2%	J	an-22	Mar-2	2 May-2	22 Jul-22	Sep-22	2 Nov	-22 Jan-23	Change in Non-Farm Payroll (000's)	4.6%	4.9%
Bloomberg Glb Agg ex US Hdg	527.68	1.2% 2.2%	1.2% 2.2%	-8.6%									Average Hourly Earnings (Y/Y % Change)	4.0%	4.9%
Bloomberg High Yield	2,234.74						1 Month	*			Year to	o Date*	Canadina		
MSCI US REIT Index	1,946.66 235.86	1.7% -4.1%	1.7% -4.1%	-22.2% 9.6%	Ι,	Value	Coro	Growth		Val	C	oro Croudh	Consumer & Spending	400.0	445.0
Bloomberg Commodity Index	233.00	-4.1%	-4.1%	9.0%	l _`	value	Core	Glowin		vai	ue Co	ore Growth	Consumer Confidence (Conf Board)	108.3	115.2
	Last Datas Mistal	D.:	V	V	arge	4 04	4.04	0.00		arge	00 4	47 0.00	Consumer Spending (\$ Bil)	17,828	16,558
Vov Dates	Last Price/Yield	Prior Week	Year End	Year Ago	la la	1.81	-1.04	-3.69	> 10%	2.9	99 1.	47 0.08	Consumer Credit (\$ Bil)	4,729	4,376
Key Rates	4.500/	4.500/	4.500/	0.050/	I ⁻ ■								Retail Sales (\$ Bil)	689	648
Fed Funds Target	4.50%	4.50%	4.50%	0.25%	٥	4.00	0.50	0.70		σ	_, _	40 4 4	l		
3-Month Treasury	4.58%	4.34%	4.34%	0.09%	Mid	1.83	0.52	-0.72	0% - 10%	<u>≅</u> 3.5	51 2.	48 1.47	Housing		
1-Year Treasury	4.67%	4.69%	4.69%	0.41%									Housing Starts (000's)	1,427	1,706
2-Year Treasury	4.25%	4.43%	4.43%	0.87%	mall					= =			Case-Shiller Home Price Index	298.99	273.69
5-Year Treasury	3.69%	4.00%	4.00%	1.47%	Ĕ	-0.05	-0.94	-1.73	<0%	Small 3.3	36 2.	47 1.65			
7-Year Treasury	3.63%	3.97%	3.97%	1.66%	0)					0)			U.S. Productivity		
10-Year Treasury	3.56%	3.87%	3.87%	1.72%	*Sa	&P Indices							Real Gross Domestic Product (\$ Bil)	20,055	19,673
30-Year Treasury	3.69%	3.96%	3.96%	2.08%	l								Quarter over Quarter Change	3.2%	2.7%
					Fixed	Incom	ne Style						Year Over Year Change	1.9%	5.0%
Consumer Rates					5.0%	_			Yield Curve				ISM Manufacturing	48.40	58.80
30-Year Mortgage	6.47%	6.66%	6.66%	3.43%			_		riela Curve	;			Capacity Utilization	79.66	78.98
Prime Rate	8.25%	7.75%	4.00%	4.00%	4.5%								Markit US Composite PMI	45.00	57.00
3-Month LIBOR	4.81%	4.77%	4.77%	0.23%	4.0%							_			
					3.5%	, -							U.S. General		
Commodities					3.0%	, -		—Current					Leading Economic Indicators	113.5	118.8
Gold	1,865.69	1,824.02	1,824.02	1,791.16	2.5% -								Trade Weighted Dollar Index	121.8	115.3
Crude Oil (WTI)	73.77	80.26	80.26	71.74	2.0%		_	—1 Year <i>P</i>	∖go				EUR / USD	1.06	1.13
Gasoline	3.20	3.20	3.20	3.38					_				JPY / USD	131.95	115.83
Natural Gas	3.71	4.48	4.48	4.06	1.5%								CAD / USD	0.74	0.79
Copper	391.10	381.05	381.05	430.85	1.0%	, -							AUD / USD	0.69	0.72
					0.5%	, -									
					0.0%	, \coprod									
	P/E	P/E	Price to	Current Div	0.070		Мо	2 Yr	5 Yr	7 Yr	10 Yr	30 Yr	S&P 500 Sector Returns		
	Forward	Trailing	Book	Yield		Ū			0 11			00		1 Month	YTD
Index Characteristics							1 Month	*				o Date*	Communication Services	-0.71%	3.75%
Dow Jones Industrial Avg	17.22	19.40	4.53	2.22	;	Short	Interm.	Long		Sh	ort Inte	erm. Long	Materials	-0.61%	3.45%
S&P 500	17.22	18.86	3.92	1.77						+			Financials	2.43%	3.40%
S&P 500 Value	16.36	18.44	2.74	2.12	Govt	0.52	0.50	-1.10	> 10%	Govt	39 1.	01 4.47	Industrials	1.89%	2.72%
S&P 500 Growth	18.12	19.27	6.63	1.44	ا ق					O I			Real Estate	0.55%	2.49%
NASDAQ	16.43	16.36	3.82	2.17									Consumer Discretionary	-4.70%	2.25%
S&P Midcap 400	13.95	14.51	2.28	1.76	orp	0.53	0.36	-0.72	0% - 10%	Corp	35 2.	01 3.75	Consumer Staples	0.67%	1.76%
S&P Smallcap 600	13.48	14.54	1.78	1.54	Ŭ					ű 📄			Utilities	0.69%	0.70%
MSCI EAFE	12.49	13.96	1.73	3.47									Information Technology	-4.13%	0.23%
MSCI Emerging Markets	12.43	11.04	1.56	3.63	높	0.95	1.19	1.31	<0%	★ 1.3	34 2.	23 2.23	Energy	3.76%	0.00%
oor Emorging Markets	12.00	11.04	1.00	0.00	-	0.00	1.13	1.01	10/0	T	Z.	2.25	Health Care	-0.86%	-0.17%
Source: Bloomberg					*B/	loombera F	Barclays Indi	ces.	-				Health Oalo	-0.0070	-0.17/0
Source: Bloomberg					^BI	oomberg E	sarciays indi	ces.							

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