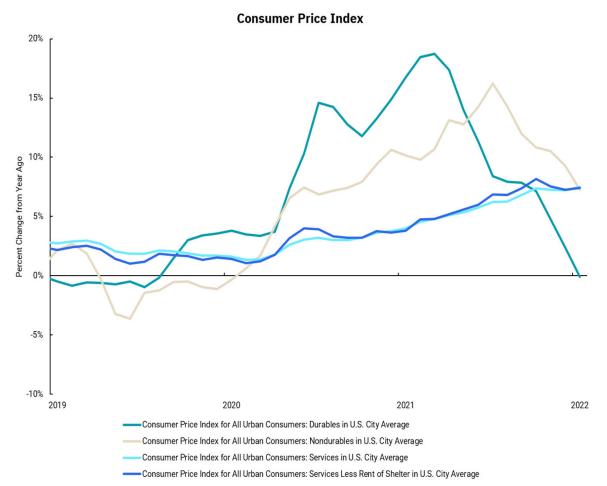
INVESTMENT MANAGEMENT

Weekly market update

Chart of the week (Jan. 13, 2023)





The Oxford dictionary defines inflation as "a general increase in prices and a fall in the purchasing power of money". A relatively simple concept by definition, but defining inflation in an economy as complex as the U.S. or globally is subject to many perspectives, iterations and meanings.

When approaching monetary policy, the Federal Reserve and economists have long known there are areas of inflation that can be highly volatile. These include cyclical prices like food and energy, areas where price changes are longer lasting, and secular areas like rents and wages. Monthly inflation reports such as the Consumer Price Index (CPI) and the Producer Price Index (PPI) break down inflation between the headline number including all measures of inflation, and the core number, which is inflation measured on the more secular areas of the economy but excludes food and energy. Between the two, core inflation has been the primary driver of monetary policy decisions.

The overall good news for the Fed, the economy, and U.S. consumers is that inflation is slowing. The most recent CPI report showed headline inflation *declined* by 0.10%; that's disinflation, not inflation. Yet the core inflation rate increased 0.30% as rents remain in an upward trend. We have seen price decreases in energy, and while food costs remain elevated, other areas such as apparel, home goods and electronics also show price moderation. The hard part is that wages and rents still present a problem, and these areas will be of primary importance to the Fed.

Our conclusion? The slowdown in overall inflation means the Fed can continue to slow the pace of their interest rate increases. Their most recent move was 0.50% instead of the 0.75% of the previous four meetings and we look for 0.25% in their Feb. meeting. The Fed is still targeting 5-5.25%, and we think they will get there, but the pace of interest rate increases is slowing and inflation will continue to fall.

INVESTMENT MANAGEMENT

Weekly market update



Commentary (Jan. 13, 2023)

Domestic Equities

- U.S. stocks continued to rise this week on encouraging inflation data.
- Data out Thursday showed consumer price inflation slowed from Nov. to Dec. The headline number was in-line with expectations, but "super core" inflation, which removes energy and housing and is closely watched by the Fed, rose by much less than expected.
- Earnings season kicked off this week, with several large banks reporting
 Friday. Despite being mostly in line with expectations, the reports were
 somewhat ominous, with most banks setting aside reserves for potential
 loan losses in case of a recession. Investment banking and consumer
 mortgage businesses slowed in the face of higher rates, but trading
 revenue rose thanks to increased market volatility.
- The auto sector sold off on Friday after Tesla announced significant price cuts on some of its models to help spur demand.

Bonds

- U.S. Treasuries yields fell across the curve (3M-30Yr), with market participants anticipating smaller rate hikes from the Federal Reserve following weaker CPI data for Dec. The Treasury market also benefitted from strong auction results, with yields stopping below market expectations at the 3M, 10- and 30-Year auctions this week.
- The broad investment grade market was positive as measured by the Bloomberg US Aggregate Bond Index, with the market benefiting from lower U.S. Treasury yields and narrowing credit spreads.
- The cost of insuring credit risk across the corporate market continued to fall, with the spread on generic IG CDX 5-Year falling to the lowest level since Apr. 2021.
- 3-Month LIBOR made a 14-year high, with rates exceeding the yield reached during the collapse of Lehman Brothers in 2008.

International Equities

- Investor sentiment appears to be on a more positive trajectory to start the year due to a sooner-than-expected opening of China's economy and signs that global inflation pressures might be waning.
- Foreign developed markets delivered a strong performance, with nearly every market across the European and Pacific regions posting gains.
 Sentiment towards Europe has shifted as warmer winter weather has helped the region avoid an energy crisis, and the reopening of China is benefiting Europe's luxury goods manufacturers.
- Emerging markets moved higher, led by strong gains in markets throughout Asia and Latin America. South Korean stocks rallied this week despite its central bank interest rates, but policymakers signaled that this would be the last hike for the current cycle, which bolstered investor sentiment.

Economics

- The Bureau of Labor Statistics reported that the Consumer Price Index (CPI-U) rose 6.50% over the prior 12 months, a decline of 0.60% from the prior report. In Dec., the index fell 0.10% month over month. Core CPI, which excludes food and energy, rose 0.30% in December, primarily due to increasing costs for shelter.
- The Federal Reserve reported that the annualized growth rate of consumer installment debt in Nov. was 7.10%, a decline of 0.30% from the prior month. The decline was due to lower growth of non-revolving debt, although revolving debt did increase.
- The Producer Price Index, industrial production, and retail sales reports will be released on Wednesday.



Weekly Market Update

For Week Ending January 13, 2023

Markets					Equity Sty	le						Economic Data		
	Last Price	Change From Prior Week	Change From Year End	Change From Year Ago	5200 ¬								Last Release	Year Ago
Capital Markets	Lustinoc	THOI WEEK	rear Ena	rear Ago	0200		S&P 500					Inflation	Last Noicasc	rear Ago
Dow Jones Industrial Avg	34,302.61	2.0%	3.5%	-3.0%	4700		la.					CPI Headline Inflation	6.5%	7.0%
S&P 500 Index	3,999.09	2.7%	4.2%	-12.8%	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	M. M.	W.					CPI Core Inflation	5.7%	5.5%
NASDAQ	11,079.16	4.8%	5.9%	-24.5%	4200	, M	M	اس به	$^{\prime}$	00		Personal Consumption Exp (PCE) Core	4.7%	4.8%
S&P 400 Midcap Index	2,580.91	3.7%	6.2%	-6.0%	3700		10	/vvv	7.0	M	Const	r croonar consumption Exp (r cE) core	7.770	4.070
S&P 600 Smallcap Index	1,238.88	4.5%	7.1%	-8.9%	3700				44	V		Jobs		
MSCI EAFE	7,047.13	4.3%	7.1%	-9.4%	3200 -							Unemployment Rate (U3)	3.5%	3.9%
MSCI Emerging Markets	523.52	4.2%	7.7%	-16.1%								Broader Unemployment Rate (U6)	6.5%	7.3%
Bloomberg US Agg	2,104.91	0.9%	2.7%	-9.4%	2700 -							JOLT Survey (in millions)	10.46	10.92
Bloomberg Municipal 5 Yr	475.72	0.8%	1.5%	-3.0%								Jobless Claims (000's)	205	238
Bloomberg US Corporate	3,069.92	1.4%	3.4%	-11.4%	2200					11 00	+	,	223	588
					Jan-22	Mar-2	2 May-2	22 Jul-22	Sep-22	Nov-22	Jan-23	Change in Non-Farm Payroll (000's)	4.6%	4.9%
Bloomberg Glb Agg ex US Hdg	530.18	0.5% 1.6%	1.7% 3.8%	-7.9% -7.2%								Average Hourly Earnings (Y/Y % Change)	4.0%	4.9%
Bloomberg High Yield	2,269.98					1 Month) *			Year to I	Date*	Canadina		
MSCI US REIT Index	2,027.38 243.64	4.1% 3.3%	5.9% -0.9%	-18.3% 10.7%	Value	Coro	Growth		Valu	uo Cor	Crouth	Consumer & Spending	400.0	445.0
Bloomberg Commodity Index	243.04	3.3%	-0.9%	10.7%	Value	Core	Growin		vait	ue Core	e Growth	Consumer Confidence (Conf Board)	108.3	115.2
	Last Dalas Atlant	D' \\\ 1	V	V	9 2.94	0.07	0.50		arge 7.7		0.00	Consumer Spending (\$ Bil)	17,828	16,558
Vov Dates	Last Price/Yield	Prior Week	Year End	Year Ago	2.94	-0.37	-3.52	> 10%	5.7	4.22	2 2.82	Consumer Credit (\$ Bil)	4,757	4,408
Key Rates	4.500/	4.500/	4.500/	0.050/				•	_			Retail Sales (\$ Bil)	689	648
Fed Funds Target	4.50%	4.50%	4.50%	0.25%	σ		0.50		ъ		4 00			
3-Month Treasury	4.57%	4.58%	4.34%	0.11%	<u>छ</u> 5.32	3.01	0.76	0% - 10%	[편] 7.7	0 6.24	4.82	Housing		
1-Year Treasury	4.66%	4.67%	4.69%	0.44%								Housing Starts (000's)	1,427	1,706
2-Year Treasury	4.23%	4.25%	4.43%	0.89%	E 4.62				<u>=</u>			Case-Shiller Home Price Index	298.99	273.69
5-Year Treasury	3.61%	3.70%	4.00%	1.47%	وبر 4.62	3.17	1.78	<0%	B.2	7.08	6.03			
7-Year Treasury	3.56%	3.63%	3.97%	1.64%	0)				0)			U.S. Productivity		
10-Year Treasury	3.50%	3.56%	3.87%	1.70%	*S&P Indice	es						Real Gross Domestic Product (\$ Bil)	20,055	19,673
30-Year Treasury	3.61%	3.69%	3.96%	2.04%								Quarter over Quarter Change	3.2%	2.7%
					Fixed Inco	me Style	•					Year Over Year Change	1.9%	5.0%
Consumer Rates					5.0% ¬			Yield Curve	•			ISM Manufacturing	48.40	58.80
30-Year Mortgage	6.40%	6.47%	6.66%	3.51%		_		rieid Curve	Ð			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	4.79%	4.81%	4.77%	0.24%	4.0% -									
					3.5%							U.S. General		
Commodities					3.0%		0					Leading Economic Indicators	113.5	118.8
Gold	1,920.23	1,865.69	1,824.02	1,822.54	Current						Trade Weighted Dollar Index	122.2	115.5	
Crude Oil (WTI)	79.86	73.77	80.26	73.42		_	—1 Year <i>A</i>	Ago			_	EUR / USD	1.08	1.15
Gasoline	3.37	3.33	3.20	3.39	2.0%							JPY / USD	127.87	114.20
Natural Gas	3.42	3.71	4.48	4.29	1.5% -							CAD / USD	0.75	0.80
Copper	4.22	3.91	3.81	4.49	1.0% -							AUD / USD	0.70	0.73
					0.5%									
					0.0%				-					
	P/E	P/E	Price to	Current Div		3 Mo	2 Yr	5 Yr	7 Yr	10 Yr	30 Yr	S&P 500 Sector Returns		
	Forward	Trailing	Book	Yield	· ·	O IVIO	- '''	0 11	,	10 11	00 11		1 Month	YTD
Index Characteristics						1 Month	1 *			Year to I	Date*	Communication Services	2.53%	8.18%
Dow Jones Industrial Avg	17.59	19.71	4.58	2.18	Short	Interm.	Long		Sho	ort Interr	n. Long	Consumer Discretionary	0.15%	8.15%
S&P 500	17.77	19.37	4.01	1.73	_				_			Materials	1.89%	7.91%
S&P 500 Value	16.88	18.96	2.80	2.07	0.40	0.55	-0.31	> 10%	0.5 0.5	4 1.41	5.96	Real Estate	1.21%	7.01%
S&P 500 Growth	18.71	19.78	6.79	1.40	٥				G			Financials	3.50%	5.51%
NASDAQ	16.82	16.66	3.88	2.13								Information Technology	-3.38%	4.86%
S&P Midcap 400	14.54	15.05	2.36	1.69	0.50	1.11	0.82	0% - 10%	O.6	3.40	6.37	Industrials	1.73%	4.29%
S&P Smallcap 600	14.13	15.25	1.86	1.49	Ŭ				ٽ			Energy	5.27%	2.69%
MSCI EAFE	12.89	14.57	1.80	3.36								Utilities	-1.07%	1.16%
MSCI Emerging Markets	12.46	11.59	1.63	3.25	★ 1.13	1.58	1.93	<0%	★ 2.1	0 3.80	4.81	Consumer Staples	-1.71%	0.29%
MOOI Emerging Markets	12.40	11.39	1.03	0.20		1.50	1.33	~U /0	I 2.1	3.00	4.01	Health Care	-2.70%	-0.29%
Source: Bloomberg					*Bloomberg	g Barclays Indi	ices.					Health Cale	- 2.1070	-0.2970
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