#### **INVESTMENT MANAGEMENT**

# Weekly market update

# Chart of the week (Nov. 18, 2022)

**Consumer Stress Indicator** (Food At Home + Mortgage Rates + Gasoline Prices) 35.0% 32.5% 27.4% 30.0% 25.0% 23.3% 19.9% 20.0% 17.8% 15.0% 10.0% 5.0% 0.0% '80 '88 '92 '72 '76 '84 '96 '00' '04 '08 '12 '16 '20



The U.S. economy is driven primarily by consumer spending. Higher inflation has the impact of stressing consumer spending as essentials cost more and limit the amount of money consumers have available to spend on discretionary items.

One way to measure consumer stress is to combine the cost of three main areas of spending – groceries, housing and gasoline. Adding the inflation rate on groceries, mortgage rates and the price of gasoline gives us an idea of how much is being spent on these essentials. When we look at past periods of economic activity, paying close attention to the gray-shaded areas representing recessions, we can see how higher consumer stress levels equate to periods of economic weakness.

The recent bout of inflation has pushed stress indicators to levels not seen since the early 1980s and are certainly at levels that preceded past recessions. This highlights why the Fed focuses on inflation areas that most affect U.S. consumers.

Unfortunately, part of the Fed's remedy for higher inflation is higher interest rates which can lead to higher mortgage rates. The good news is that those periods of higher stress were followed by periods of reduced stress as economic slowdowns ultimately led to lower inflation and interest rates.

A recession from here is not a foregone conclusion; however, if we have one, it should subsequently allow inflation and overall consumer stress levels to decline.

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**Commentary** (Nov. 18, 2022)

#### **Domestic Equities**

- U.S. stocks ended the week down a bit as last week's hopes that the Fed will back off aggressive interest rate increases have faded some.
- Reports out this week indicating the labor market is still strong and retail sales jumped last month, suggest the economy has a long way to go before rising borrowing costs curb inflation. Fed officials speaking this week continued to make a case for rate hikes and indicated rates could ultimately rise beyond current expectations.
- Ross Stores reported earnings and sales for the quarter ahead of expectations, and raised guidance for the holiday season in the fourth quarter, sending its stock sharply higher.
- Higher interest rates are slowing down the housing market, with existing home sales falling for the ninth straight month. However, low inventory is keeping prices high, up 6.6% from last year.

#### **Bonds**

- The U.S. Treasury yields fell following weaker-than-expected inflation data, but partially retraced the move lower on Thursday following hawkish comments by Fed President Bullard. The yield curve also further inverted, with investors anticipating a less hawkish monetary stance next year. The yield on the 12-month Treasury bill now represents the highest point on the curve, with all maturities longer than 1-year being inverted.
- The broad investment grade market rallied this week, benefitting from lower U.S. Treasury yields and narrowing spreads. Both mortgage and corporate spreads have narrowed considerably over the last 2 weeks following weaker-than-expected inflation data.
- Freddie Mac announced that the average rate on a 30-year fixed-rate mortgage dropped by 0.47% last week, from 7.08% to 6.62%, the largest weekly drop since 1981.

#### **International Equities**

- Global investors grappled with geopolitical events following a surprisingly positive meeting between President Xi and President Biden at the G-20 summit in Bali, while assessing the impact from a missile falling within Polish territory.
- Foreign developed markets struggled to find upward momentum this week with mixed performance across European and Pacific markets. Japan's stock market faltered as its core consumer price index for October rose 3.6%, the fastest pace in nearly 40 years.
- Emerging market returns were mixed this week, with strength seen in Asian markets, but weakness persisted across Europe and Latin America. Sentiment towards Chinese stocks might be improving after the country's leaders announced a 16-point plan to support the troubled property sector and a 20-point plan to reduce the economic costs of containing COVID.

### **Economics**

- The Census Bureau reported retail sales increased 1.3% in Oct. and 8.3% over the prior 12 months. During the month, the increase in sales was broad-based, with gas stations, food service and drinking places showing the most growth.
- The Bureau of Labor Statistics reported the Producer Price Index rose 0.2% in Oct. and 8% over the prior 12 months.
- The Federal Reserve reported industrial production declined 0.1% in Oct. and has risen 3.3% over the prior 12 months. Sept.'s estimate was revised down from 0.4% to 0.1%.
- The Department of Labor reported initial claims for unemployment for the week ending Nov. 12 were 222k, a 4k reduction from the prior week. Continuing claims for the week ending Nov. 5 were 1.5m, and the 4-week moving average rose 31k.



### Weekly Market Update

Markets					Equity Style	9							Economic Data		
	Last Price	Change From Prior Week	Change From Year End	Change From Year Ago	5200									Last Release	Year Ago
Capital Markets	Edot i noo			i oui /igo	0_00		S&P 500						Inflation	Luot Holodoo	Tour Ago
Dow Jones Industrial Avg	33,745.69	0.1%	-5.4%	-4.0%	4700	my.		mary					CPI Headline Inflation	7.7%	6.2%
S&P 500 Index	3,965.34	-0.6%	-15.6%	-14.4%	1000	$\sim$	My A. M	my .		•			CPI Core Inflation	6.3%	4.6%
NASDAQ	11,146.06	-1.5%	-28.2%	-29.7%	4200 -		• ••	M.M		~~~	٨		Personal Consumption Exp (PCE) Core	5.1%	3.9%
S&P 400 Midcap Index	2,510.63	-0.8%	-10.4%	-11.6%	3700 -					•	<b>N</b> .A.A	m -		0.170	0.070
S&P 600 Smallcap Index	1,218.14	-1.1%	-12.0%	-14.1%	5700						~~~		Jobs		
MSCI EAFE	6,501.81	0.3%	-15.0%	-15.4%	3200 -								Unemployment Rate (U3)	3.7%	4.6%
MSCI Emerging Markets	477.51	0.8%	-21.3%	-23.6%									Broader Unemployment Rate (U6)	6.8%	8.2%
Bloomberg US Agg	2,032.61	0.5%	-13.7%	-13.5%	2700 -								JOLT Survey (in millions)	10.72	10.67
Bloomberg Municipal 5 Yr	462.42	1.1%	-6.5%	-6.2%	0000								Jobless Claims (000's)	222	265
Bloomberg US Corporate	2,935.73	1.2%	-16.7%	-16.3%	2200								Change in Non-Farm Payroll (000's)	261	677
Bloomberg Glb Agg ex US Hdg	529.33	0.6%	-8.4%	-8.5%	Nov-21	Jan-22	2 Mar-2	22 May-22	Jul-22	5	ep-22	Nov-22	Average Hourly Earnings (Y/Y % Change)	4.7%	5.4%
Bloomberg High Yield	2,176.38	0.7%	-11.6%	-10.8%									Average riburry Lamings (1/1 / Change)	4.770	0.470
MSCI US REIT Index	1,965.06	-1.2%	-23.4%	-19.7%		1 Month <sup>*</sup>	*			Yea	r to Date	<b>)</b> *	Consumer & Spending		
Bloomberg Commodity Index	248.97	-1.7%	17.5%	13.7%	Value	Core	Growth		Val	lue	Core	Growth	Consumer Confidence (Conf Board)	102.5	111.6
bloomberg commonly maex	240.07	1.7 70	17.570	10.770		Ourc	Glowin			liuc	Ourc	Clowin	Consumer Spending (\$ Bil)	17,608	16,268
	Last Price/Yield	Prior Week	Year End	Year Ago	82.9 ade	6.78	4.07	> 10%	-4.	.13 -	-15.61	-25.86	Consumer Credit (\$ Bil)	4,701	4,355
Key Rates	Last Frice/ Helu	FIIOI WEEK		Teal Ago	9.20	0.70	4.07	> 10%	La La	-13 -	-13.01	-23.00	Retail Sales (\$ Bil)		641
Fed Funds Target	4.00%	4.00%	0.25%	0.25%										695	041
3-Month Treasury	4.00%	4.00%	0.25%	0.25%	<sup>DI</sup> 8.38	7.38	6.32	00/ 400/	<sup>рі</sup> М <b>-4.</b>	.77 -	-10.44	15.00	Housing		
1-Year Treasury	4.23%	4.16%	0.08%	0.05%	≥ 0.30	1.30	0.32	0% - 10%	≥ -4.	. / /   -	-10.44	-15.99	Housing Starts (000's)	4 405	4 500
-													,	1,425	1,563
2-Year Treasury	4.53%	4.33%	0.73%	0.50%	118 8.40	7 66	6.56		.6- Small	<b>CO</b>	44.07	47.00	Case-Shiller Home Price Index	303.76	268.84
5-Year Treasury	4.01%	3.94% 3.88%	1.26% 1.44%	1.22% 1.47%	ຍ ສ.40	7.55	0.30	<0%	- <mark>с.</mark>	.69 -	-11.97	-17.20	U.S. Productivity		
7-Year Treasury	3.93%				*S&P Indices				••					00.000	40.070
10-Year Treasury	3.83%	3.81%	1.52%	1.59%	S&P Indices	5							Real Gross Domestic Product (\$ Bil)	20,022	19,673
30-Year Treasury	3.93%	4.02%	1.90%	1.97%									Quarter over Quarter Change	2.6%	2.7%
					Fixed Incon	ne Style							Year Over Year Change	1.8%	5.0%
Consumer Rates	E E00/	F 000/	0 570/	0.050/	5.0%			Yield Curve					ISM Manufacturing	50.20 79.88	60.80 78.58
1-Year CD	5.59%	5.26%	0.57%	0.35%	4.5% -		$\sim$						Capacity Utilization		
30-Year Mortgage	6.85%	6.90%	3.27%	3.20%									Markit US Composite PMI	48.20	57.60
Prime Rate	7.00%	7.00%	3.25%	3.25%	4.0% -										
3-Month LIBOR	4.66%	4.61%	0.21%	0.16%	3.5% -								U.S. General		
					3.0% -		-Current						Leading Economic Indicators	114.9	118.1
Commodities					2.5% -								Trade Weighted Dollar Index	126.2	114.2
Gold	1,750.68	1,771.24	1,829.20	1,858.94	2.0% -	_	—1 Year A	∖go					EUR / USD	1.03	1.14
Crude Oil (WTI)	80.08	88.96	72.78	70.82	1.5% -								JPY / USD	140.20	114.26
Gasoline	3.88	3.91	3.38	3.51									CAD / USD	0.75	0.79
Natural Gas	6.30	5.88	3.64	4.29	1.0% -								AUD / USD	0.67	0.73
Copper	3.64	3.90	4.43	4.26	0.5% -										
	_ /_	_ /_			0.0%										
	P/E	P/E	Price to	Current Div	3	Мо	2 Yr	5 Yr	7 Yr	10 Y	Yr	30 Yr	S&P 500 Sector Returns		
	Forward	Trailing	Book	Yield			4							1 Month	YTD
Index Characteristics						1 Month					r to Date		Energy	11.69%	71.23%
Dow Jones Industrial Avg	18.44	19.42	4.52	2.06	Short	Interm.	Long	-	Sn	iort I	Interm.	Long	Consumer Staples	8.36%	-1.07%
S&P 500	17.94	19.19	4.00	1.66	5				5				Utilities	6.58%	-1.70%
S&P 500 Value	15.78	16.87	2.92	2.25	0.30	0.91	1.73	> 10%	tvog -4.	.38	-8.24	-29.96	Health Care	6.31%	-3.37%
S&P 500 Growth	21.27	22.78	6.93	0.99				•	~				Industrials	12.13%	-4.82%
NASDAQ	15.56	16.34	3.82	2.04	d.				م				Financials	9.51%	-8.13%
S&P Midcap 400	13.47	14.80	2.34	1.65	68.0 Corb	4.07	5.89	0% - 10%	dio)	.07 -	-16.55	-26.66	Materials	12.30%	-10.29%
S&P Smallcap 600	13.41	13.89	1.81	1.46									Information Technology	8.71%	-23.77%
MSCI EAFE	12.44	13.44	1.66	3.41									Real Estate	7.24%	-24.87%
MSCI Emerging Markets	11.39	10.71	1.46	3.41	左 1.45	2.29	3.14	<0%	<b>≻</b> -4.	.59 -	-10.90	-23.27	Consumer Discretionary	-2.63%	-31.55%
													Communication Services	-0.78%	-37.28%
Source: Bloomberg					*Bloomberg I	Barclays Indic	ces.								

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## For Week Ending November 18, 2022



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