/ Fund Managers Ltd.

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April 9, 2021

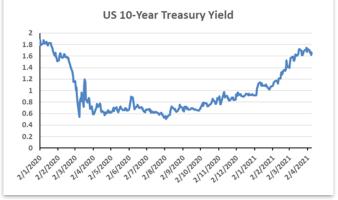
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Rising Yields and the Bond Market



The yield on the US 10-Year Treasury climbed to 1.63 per cent as at the time of writing this article, more than doubling since the end of December 2020 and surpassing the level seen at the start of the pandemic in February 2020. Financial market practitioners pay keen attention to yields as it is a strong indicator of the real-time appetite for risk in the financial markets. Furthermore, 'the yield' which has two components, expected inflation, plus a real yield, provides the market with valuable information about the bond market's demand and supply conditions.

Although inflation expectation, cannot be determined by the nominal yield (such as the yield quoted by Bloomberg), it can be calculated by assessing the breakeven rate¹. The breakeven rate can be determined by subtracting the Treasury Inflation-Protected Security (TIPS) yield from the nominal bond yield. If you are not interested in that 'experiment' you could visit <u>https://fred.stlouisfed.org/series/T10YIE</u>, or take my word that the 10-Year Breakeven Inflation Rate was



2.33 per cent as of April 8, 2021. Another important element is that the principal on TIPS increases with inflation and decreases with deflation. As such, the TIPS yield is the real yield component of the bond yield.

Given that the 10-Year Treasury yield is at 1.63 per cent, and the breakeven rate is at 2.33 per cent, the implied real yield is approximately -0.70 per cent. When we compare where we are today, to where we were a year earlier², when governments across the world were implementing strict lockdown measures to curb the spread of the virus, we can see that real yields are lower now than they were then. What is 'the yield' telling us about the bond market's demand and supply conditions today? The central point is that there is still a lot of excess demand for bonds, and that investors are willing to accept negative real yields as a result.

The phenomenon of 'flight to safety', which occurs when there is severe economic uncertainty, such as that caused by the COVID-19 pandemic, may explain investors' acceptance of negative real yields. Investors are willing to accept negative returns in these cases to protect their investment. This is evident in the chart below, mapping the movement in real yields, which demonstrates how real yields grew increasingly negative as the pandemic accelerated in 2020, but have since become less negative as vaccines became available and distribution began, signalling renewed optimism that things would return to normal soon.

It is fair to expect nominal yields to increase further as normalcy returns. As economies continue to reopen aggregate demand is expected to increase further, leading to higher inflation. In the short-term, however, inflation is unlikely to climb to danger-



ous levels because unemployment remains relatively high globally. If inflation gets to dangerously high levels, the Federal Reserve has almost all the monetary tools needed to correct the issue. The Federal Reserve chair, Jerome Powell, himself has reiterated this on several occasions.

Although the negative yields are signalling that there is excess demand for bonds, the path of the curve is indicating that investors demand for the asset is declining. The decline in demand for bonds is partly due to the expectation that normality is likely to return soon. Since normality is likely to lead to higher bond yields, higher inflation and a higher breakeven rate, the demand for bonds would reasonably be expected to decline given that rising inflation will make the fixed cash flow nature of bonds less attractive.

https://fred.stlouisfed.org/series/T10YIE

²Real Yield April 8 2020 was 0.42% - Source: https://www.treasury.gov/resource-center/data-chart-center/interest-rates/Pages/TextView.aspx?data=realyieldYear&year=2020

Currency Markets						
International Currency Market						
Currency	9-Apr	2-Apr	DoD %	₩o₩ % ∆	YTD% Δ	ΥοΥ% Δ
EUR: USD	1.190	1.176	-0.08%	1.23%	6.16%	8.91%
GBP: USD	1.371	1.380	-0.18%	-0.88%	3.42%	10.05%
USD: CAD	1.253	1.260	-0.27%	-0.40%	-3.56%	-10.36%
USD: JPY	109.640	110.690	0.35%	-0.95%	0.95%	I.06%

	Local Foreign Currency Market						
Curre	ency	9-Apr	8-Apr	31-Mar	DoD % Δ	₩o₩ % ∆	YTD% ∆
USD:J	MD	148.91	148.43	146.58	0.32%	1. 59 %	4.39 %
GBP:JI	MD	205.73	206.28	202.83	-0.26%	1.43%	6.2 %
CAD:J	MD	120.67	120.09	120.15	0.49%	0.43%	8.3%

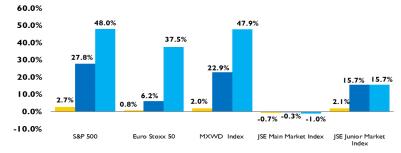
Global Interest Rates						
Rates	9-Apr	2-Apr	DoD Δ bps	WoW Δ bps	YTD Δ bps	YoY ∆ bps
10 Year US Treasury Bond	1.65%	1.72%	3.00	-7.00	-27.00	93.00
10 Year UK Gilt	0.77%	0.80%	2.00	-3.00	-5.00	46.00
GOJ 2025 Global Bond	3.50%	3.51%	0.00	-1.00	-35.00	-289.00
5 Year US Treasury Bond	0.86%	0.98%	2.00	-12.00	-83.00	46.00
5 Year UK Gilt	0.35%	0.37%	1.00	-2.00	-25.00	22.00

Commodities					
Commodity	9-Apr	DoD % Δ	WoW%∆	YTD% A	ΥοΥ% Δ
Crude Oil	59.32	-0.47%	-3.47%	-2.85%	160.63%
Gold	1743.23	-0.72%	0.83%	 4.89%	3.53%
Silver	25.25	-0.80%	0.98%	41.47%	63.65%
Aluminium	2264	-0.81%	1.73%	25.08%	53.02%

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V	Week in Review: April 6 - April 9, 2021							
	Local Equity Market							
	BEST AND WORST PERFORMERS							
AD	VANCERS		D	ECLINERS				
KREMI	24.95%		ROC	-20.00%				
ECL	18.32%		SALF	-15.33%				
KEX	15.25%		1834	-10.71%	•			

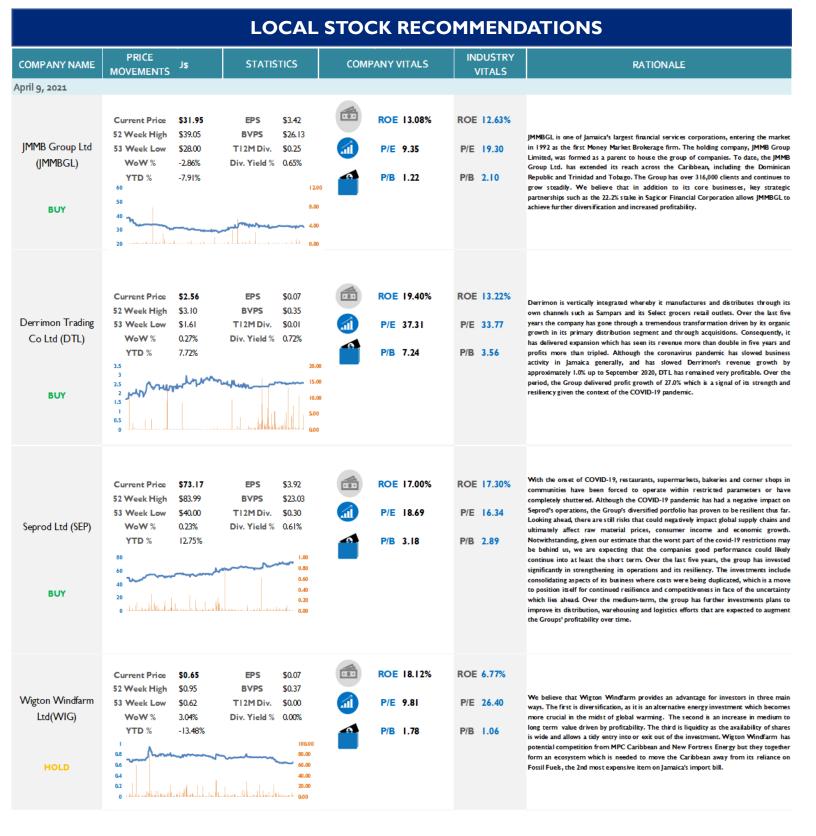
JSE Main Market activity (excluding preference shares) resulted from trading in 44 stocks of which 20 advanced, 22 declined and 2 traded firm. Market volume (excluding preference shares) amounted to 35,041,518 units valued at over \$197,650,503. JSE Junior Market activity (excluding preference shares) resulted from trading in 39 stocks of which 19 advanced, 14 declined and 6 traded firm. Market volume (excluding preference shares) amounted to 31,455,026 units valued at over \$102,311,593.

Global Equity Indices						
Index	31-Dec	I-Apr	9-Apr	WoW %	YTD%	ΥοΥ% Δ
S&P 500	3,230.65	4,019.87	4,128.78	2.71%	27.80%	47.99%
Euro Stoxx 50	3,745.15	3,945.96	3,978.84	0.83%	6.24%	37.54%
MXWD Index	565.24	681.03	694.41	I.96%	22.85%	47.88%
JSE Main Market Index	395,614.93	397,354.26	394,428.92	-0.74%	-0.30%	-0.99%
JSE Junior Market Index	2,643.38	2,996.49	3,058.26	2.06%	15.70%	15.72%
JSE Combined Index	392,435.92	397,812.53	395,801.66	-0.51%	0.86%	0.21%



■ Week over Week % Δ ■ Year-to-Date % Δ ■ Year-Over-Year % Δ

Upcoming Week: April 12 - April 16, 2021					
Country	Report	Period	Forecast	Prior	
US	Initial Jobless	10-Apr	700,000	744,000	
US	CPI MoM	Mar	0.50%	0. 4 0%	
US	U. of Mich.	Apr P	89.00	84.90	
US	Retail Sales	Mar	5.50%	-3.00%	
UK	Industrial	Feb	0.50%	-1.50%	
UK	Manufacturi	Feb	0.50%	-2.30%	
JN	Core	Feb	2.80%	-4.50%	
EC	CPI ΥοΥ	Mar F	1.30%	0.90%	

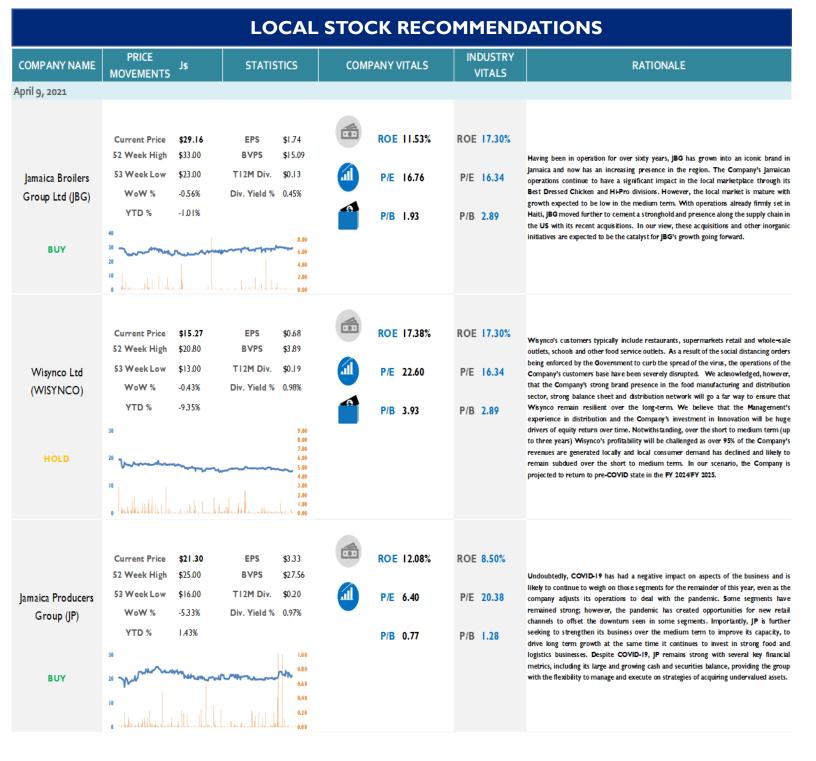


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JN MUTUAL FUNDS

April 8, 2021

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JN Mutual Funds		NAV Pri	ce	12 Months Growth Rate	YTD Growth Rate	Yield Estimated Yearly Income)
Global Diversified Income		e J\$13.88	15	2.70%	0.29%	2.09%
Global	Equity	J\$15.062	29	4.22%	0.05%	0.00%
Global	Fixed Income	J\$12.853	39	5.49%	1.56%	5.14%
Global	Money Market (U	S\$) US\$10.70)95	3.53%	0.86%	3.70%
Global Fixed Income (US\$)		\$) US\$10.91	37	10.77%	-0.91%	4.55%
Local Money Market		J \$11.19	11	4.49%	1.45%	4.15%
	Global Money Market Fund	Local Money Market Fund	í (Joba		Global Diversified Income Fund	Global Equity Fund
Objective	To preserve capital whilst providing US dollar (US\$) money market returns	To preserve capital whilst providing Jamaican Dollar (J\$) money market returns	returr incom throug (i) A Ji	hieve an attractive total a through capital injection and a growth. This is offered gh two separate Funds: amaican dollar (J\$) and US dollar (US\$) fund.	To provide long-term investment growth through exposure to a diversified range of asset classes.	To provide long-term capita growth and risk diversification.
Strategy	To invest in local and global money market instruments for safety, liquidity and yield.	To invest in local and global money market instruments for safety and liquidity and yield	debt s	vest in regional, sovereign accurities, local and ational corporate bonds.	To invest in fixed income, high dividend yielding stocks REITs and structured produc	

With a suite of six investment portfolios, each with a distinct financial profile, JN Mutual Funds offers a premium opportunity for investors to align their personal financial strategy with their goals, time horizons and risk profile.

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