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-W-Insight!

Is the Time Right To Bring Out the Barbell?

Whether you are a businessman, a student or just a member of the public concerned about what's going on in the world, the yield curve is something you should care about. It is often said that the yield curve is probably the single best indicator of the direction of the market and perhaps the best indicator of an upcoming recession.

Many decisions, from how to invest the funds in your portfolio to what kind of job to take, would be impacted if you knew a recession was approaching, right? Business owners, armed with this kind of foresight, would be able to make more informed decisions about whether to expand capacity, raise equity capital, borrow funds, change floating rate debt to fixed-term debt or even exit their businesses.

The yield curve is created by plotting a graph of all the interest rates paid by a particular Government or corporation, after issuing multiple bonds with different duration. Typically, the longer the term of the bond, the higher the yield, because, under normal circumstances, money is worth more today than some other time in the future, bond holders will typically look for a premium to delay the spending and immediate consumption.

However, when investors perceive that a recession is near, they generally move to higher quality assets, a phenomenon known as flight to quality. They often gravitate to Government bonds, particularly those issued by governments considered "high quality" such as the U.S. Government. In such times, investors are concerned about preserving the value of their holdings in the medium to long-term. Hence, there is a so-called "tightening" of the yield curve as the premium investors usually require on long-term bond diminishes and in some extreme cases, the yield may even become inverted. An inversion of the yield occurs when investors are prepared to accept a lower yield on long term bonds than short term instruments. In other words, in such a risk-averse environment, investors are prepared to accept a discount to preserve their capital.

Currently, investors are concerned about the shape of the Treasury yield curve. Remember economists and portfolio managers often view a tightening of the yield curve as an indication of low economic growth and uncertainty. However, in this case, investors are concerned that surging inflation globally, will force the US Federal reserve to taper faster than expected and shorten the timeline

to raise interest rates.

A shortened timeline to raise interest rates has pushed short term yields higher. Yields on short-dated notes have moved sharply higher in recent weeks, while those on longer-dated bonds have fallen. Evidence of this can be seen in the chart below where the 2-year Treasury which stood at 0.31% on September 28, 2021 declined to 0.60% on December 3, 2021 while the 10-year Treasury fell modestly from 1.54% on September 28, 2021 to 1.35% on December 3, 2021. This scenario, the flattening of the yield curve, is possibly a result of investors thinking that an increase in rates early will curtail inflation in the medium to long term and prevent the need to increase borrowing cost as high as projected previously over the longer term.



With a flattening yield curve, the barbell strategy may be a useful choice for portfolio managers. The barbell strategy involves purchasing short-term and long-term bonds but none or very limited amounts of those with intermediate maturities. The distribution on the two extreme ends of the maturity timeline creates a barbell shape and the strategy offers investors exposure to high yielding bonds with downside interest rate risk protection. Typically, short-term bonds have maturities up to five years while long term bonds have maturities extending beyond ten year. Intuitively, the higher yields on long term bonds compensate investors for the higher interest rate risk at that end of the curve.

The higher yield offered on long term bonds is the first advantage of a barbell strategy while the second advantage is that it decreases risk. This is possible as short-term and long-term bonds' returns are negatively correlated. Therefore, by holding bonds with different maturities in a portfolio, there is less downside risk. Additionally, as short-term bonds mature with relative frequently, the investor is provided with the liquidity and flexibility to deal with emergencies requiring cash if necessary, without selling the bond before maturity.

The reason the returns of long term versus short term bonds are negatively correlated is because of interest rates. If interest rates increase, the short-term bonds will be reinvested at a higher interest rate and this reinvestment will offset the decrease in the value of longer-term bonds. On the other hand, if interest rates decrease, the value of the longer-term bonds will increase and augment the portfolio return which will be negatively impacted by lower yields from rolling over the short-term bonds in a lower interest rate environment.

The barbell strategy is not a riskless strategy, however. The main risk in this approach comes at the longer end of the barbell as long-term bonds tend to be much more volatile than short term bonds. As a result, there is the potential for capital losses if interest rates increase at the long end of the curve more than at the short end. This worst-case scenario is called a steeping yield curve and usually indicate the start of an expansionary economic period. However, we believe the economic cycle is likely closer to the end than at the start at this point and a barbell strategy may be ideal for the investors who want to limit their downside risk without giving up too much income.

Currency Markets International Currency Market Currency 26-Nov DoD % \(\Delta \) WoW % \(\Delta \) YTD% Δ YoY% A **EUR: USD** 1.131 1.132 0.06% -0.08% -7.43% -6.88% **GBP: USD** 1.324 1.330 -0.51% -0.75% -3.17% -1.58% **USD: CAD** 1.284 1.280 0.24% 0.39% 0.91% -0.16% **USD: JPY** 112.790 113.380 -0.28% -0.52% 9.24% 8.62%

Local Foreign Currency Market								
Currency	3-Dec	2-Dec	26-Nov	DoD % Δ	WoW % ∆	YTD % ∆		
USD:JMD	156.26	156.28	156.91	-0.02%	-0.42%	9.54%		
GBP:JMD	209.26	210.50	207.45	-0.59%	0.87%	8.1%		
CAD:JMD	122.19	123.51	122.67	-1.07%	-0.39%	9.7%		

Global Interest Rates

Rates	3-Dec	26-Nov	DoD ∆ bps	WoW ∆ bps	YTD ∆ bps	YoY ∆ bps
10 Year US Treasury Bond	1.35%	1.47%	-9.00	-12.00	44.00	44.00
10 Year UK Gilt	0.75%	0.83%	-6.00	-8.00	55.00	43.00
GOJ 2025 Global Bond	4.01%	3.95%	-2.00	6.00	56.00	29.00
5 Year US Treas- ury Bond	1.13%	1.16%	-8.00	-3.00	77.00	74.00
5 Year UK Gilt	0.59%	0.62%	-7.00	-3.00	68.00	59.00

JSE Main Market activity (excluding preference shares) resulted from trading in 48 stocks of which 16 advanced, 29 declined and 3 traded firm. Market volume (excluding preference shares) amounted to 61,466,227 units valued at over \$1,451,413,783. JSE Junior Market activity (excluding preference shares) resulted from trading in 40 stocks of which 15 advanced, 23 declined and 2 traded firm. Market volume (excluding preference shares) amounted to 157,138,857 units valued at over \$459,194,931.

Global Equity Indices								
Index	31-Dec	26-Nov	3-Dec	WoW % ∆	ΥΤD % Δ	ΥοΥ % Δ		
S&P 500	3,756.07	4,594.62	4,538.43	-1.22%	20.83%	23.77%		
Euro Stoxx 50	3,552.64	4,089.58	4,080.15	-0.23%	14.85%	16.01%		
MXWD Index	646.27	733.53	724.18	-1.27%	12.06%	15.22%		
JSE Main Market Index	395,614.93	391,220.36	389,946.39	-0.33%	-1.43%	-1.39%		
JSE Junior Market Index	2,643.38	3,371.57	3,337.47	-1.01%	26.26%	33.20%		
JSE Combined Index	392.435.92	395.994.90	394,477.66	-0.38%	0.52%	0.94%		

Opcoming Week: Dec 6 - Dec 10, 2021						
Country	Report	Period	Forecast	Prio		
US	Initial Jobless Claims	4-Dec	228,000	222,000		
US	CPI MoM	Nov	0.70%	0.90%		
US	U. of Mich. Sentiment	Dec P	67.40	67.40		
UK	Industrial Production MoM	Oct	0.10%	-0.40%		
JN	GDP SA QoQ	3Q F	-0.80%	-0.80%		
JN	GDP Annualized SA QoQ	3Q F	-3.10%	-3.00%		
JN	PPI YoY	Nov	8.50%	8.00%		
CA	Bank of Canada Rate Decision	8-Dec	0.25%	0.25%		

LOCAL STOCK RECOMMENDATIONS **PRICE INDUSTRY COMPANY NAME STATISTICS** COMPANY VITALS **RATIONALE** J\$ **VITALS** MOVEMENTS December 3, 2021 Guardian is one of the region's leading financial institutions with a long history of **ROE 15.29% Current Price** \$521.00 **EPS** \$70.00 **ROE 14.53%** delivering strong revenue growth and profitability. The company operates in most of 52 Week High \$1,134.90 \$457.75 the countries in the Caribbean and is rated among the top five in the major markets Guardian Holdings in which it operates. Like most companies regionally, the Guardian Group was 53 Week Low \$500.01 T12M Div. \$4.04 P/E 7.44 P/E 14.28 severely challenged in 2020. However, in 2020, the Group delivered operational and Ltd. (GHL) WoW % 0.19% Div. Yield % 0.69% financial results which were creditable along several metrics and especially when VTD % -10.55% P/B 1.14 P/B 1.87 taken in the context of the pandemic. While we are very aware that the COVID-19 1 20 0 pandemic is not over, it is very likely that the worst is behind us. With vaccination 0.70 1 00 0 programme being rolled out regionally and as respective governments continue to 0.50 ease out of the pandemic the companies within the region continue to gradually BUY 600 0.40 recover from the crisis. This recovery is also evident for Guardian Group which posted revenues and profits in Q1 2021 which are significantly above its previous 0.20 0.10 **ROE 8.35%** Current Price \$2.31 **EPS** \$0.10 **ROE 16.61%** Derrimon is vertically integrated whereby it manufactures and distributes through BVPS \$1.19 52 Week High \$2.79 its own channels such as Sampars and its Select grocers retail outlets. Over the last Derrimon Trading five years the company has gone through a tremendous transformation driven by its 53 Week Low \$2.00 T12M Div. \$0.00 P/E 23.34 P/E 19.05 organic growth in its primary distribution segment and through acquisitions. Co Ltd (DTL) WoW % 1.18% Div. Yield % 0.00% Consequently, it has delivered expansion which has seen its revenue more than YTD % -2.72% P/B 1.95 P/B 2.84 double in five years and profits more than tripled. Although the coronavirus 7.7 25.00 pandemic has slowed business activity in Jamaica generally, and has slowed 2.6 20.00 Derrimon's revenue growth by approximately 1.0% up to September 2020, DTL has 2.5 remained very profitable. Over the period, the Group delivered profit growth of BUY 2.4 27.0% which is a signal of its strength and resiliency given the context of the COVID-2.3 19 pandemic. 2.2 With the onset of COVID-19, restaurants, supermarkets, bakeries and corner shops in communities have been forced to operate within restricted parameters or have **Current Price** FPS \$2.85 **ROE 11.53% ROE 16.36%** \$62.63 completely shuttered. Although the COVID-19 pandemic has had a negative impact on Seprod's operations, the Group's diversified portfolio has proven to be resilient \$85.00 52 Week High RVPS \$24.72 thus far. Looking ahead, there are still risks that could negatively impact global 53 Week Low \$53.79 T12M Div. P/E 21.97 P/E 24.57 \$0.80 supply chains and ultimately affect raw material prices, consumer income and Seprod Ltd (SEP) WoW % 1.57% Div. Yield % 1.24% economic growth. Notwithstanding, given our estimate that the worst part of the P/B 3.72 YTD % -3.49% P/B 2.53 covid-19 restrictions may be behind us, we are expecting that the companies good performance could likely continue into at least the short term. Over the last five 0.70 years, the group has invested significantly in strengthening its operations and its 0.60 resiliency. The investments include consolidating aspects of its business where costs 6.0 were being duplicated, which is a move to position itself for continued resilience and 50 competitiveness in face of the uncertainty which lies ahead. Over the medium-term, 0.30 0.20 the group has further investments plans to improve its distribution, warehousing and logistics efforts that are expected to augment the Groups' profitability over time. **FPS** \$1.12 **ROE 7.80% ROE 11.53%** Current Price \$24.00 Undoubtedly, COVID-19 has had a negative impact on aspects of the business and is \$31.00 RVPS \$14.38 52 Week High likely to continue to weigh on those segments for the remainder of this year, even as Jamaica Producers P/E 14.51 53 Week Low \$19.60 T12M Div. P/E 21.41 \$0.20 the company adjusts its operations to deal with the pandemic. Some segments have Group (JP) WoW % 8.76% Div. Yield % 0.95% remained strong; however, the pandemic has created opportunities for new retail YTD % 14.30% P/B 1.67 P/B 1.59 channels to offset the downturn seen in some segments. Importantly, JP is further seeking to strengthen its business over the medium term to improve its capacity, to 0.90 drive long term growth at the same time it continues to invest in strong food and 0.80 logistics businesses. Despite COVID-19, JP remains strong with several key financial metrics, including its large and growing cash and securities balance, providing the 0.50 group with the flexibility to manage and execute on strategies of acquiring 0.40 undervalued assets. 0.30 0.20 0.10

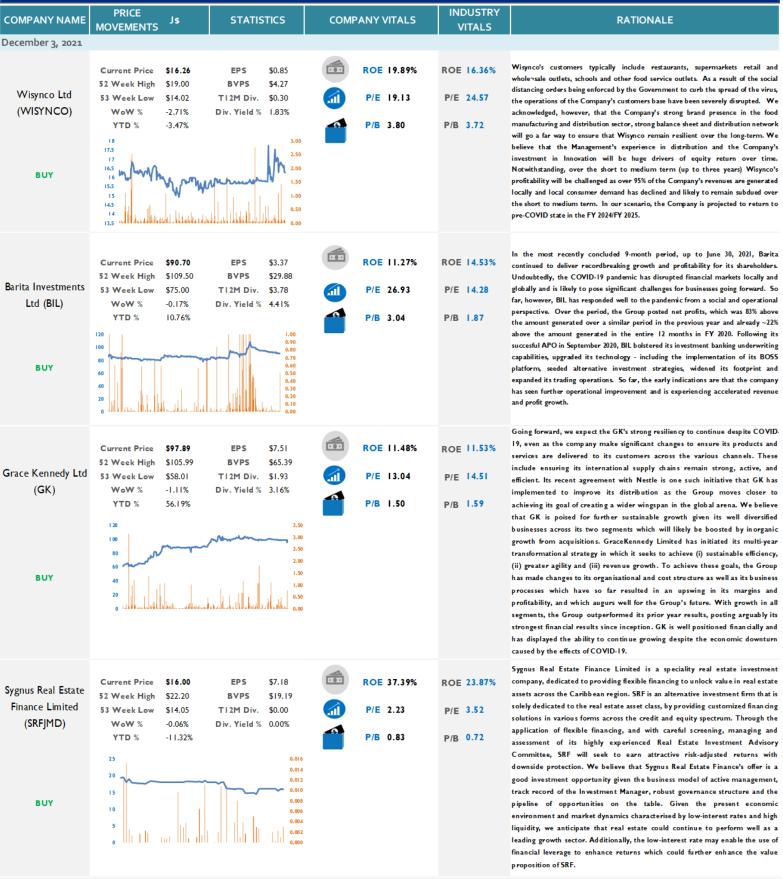
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LOCAL STOCK RECOMMENDATIONS



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JN MUTUAL FUNDS



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December 2, 2021

JN Mutual Funds		NAV Pri	ce	12 Months Growth Rate	YTD Growth Rate	Yield (Estimated Yearly Income)	
Global Diversified Income		e J\$13.966	68	1.65%	0.91%	2.14%	
Global E	quity	J\$15.398	33	2.27%	2.27%	0.00%	
Global F	ixed Income	J\$13.225	57	4.14%	4.50%	4.85%	
Global Money Market (US\$)		S\$) US\$10.95	79	3.51%	3.20%	2.44%	
Global Fixed Income (US\$)		\$) US\$11.29	945	4.69%	2.55%	3.15%	
Local Money Market		J\$11.570	01	4.78%	4.89%	4.26%	
	Global Money Market Fund	Local Money Market Fund	Globa	al Fixed Income Funds	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	return income throug (i) A Ja	nieve an attractive total through capital injection and e growth. This is offered th two separate Funds: amaican dollar (J\$) and JS dollar (US\$) fund.	To provide long-term investment growth through exposure to a diversified range of asset classes.	To provide long-term capital 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	est in regional, sovereign ecurities, 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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