



# Global Macro Overview; Sector & Stock Trends

Asia

November 16-20, 2015

Mark Steele  
Quantitative & Technical Analyst  
(416) 359-4641  
[mark.steele@bmo.com](mailto:mark.steele@bmo.com)

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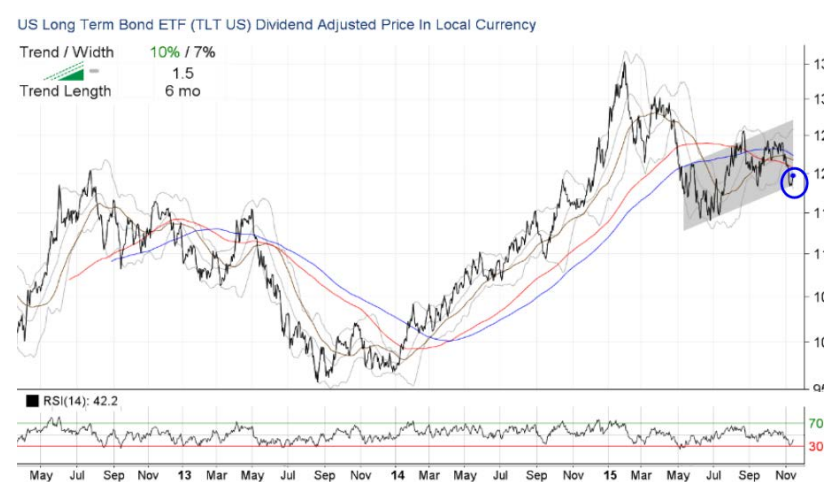
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# Conclusions

- Big Picture (4)
  - Bank Credit Risk Started to Trend Wider on the Shift From Easing to Tightening Mid-2014
- CDS (6-8)
  - Most Indices and Systematically Important Financial Institutions Trending Wider
- Currency (9)
  - Last Stage of Transition Back Toward Universal U.S. Dollar Strength
- Commodities (10-12)
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- Debt Trends (13-17)
  - Expect Counter-Trend Rebound in Inflation Expectations Is Over
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  - North American High Yield Junked by Energy
- Equity Trends (18-19)
  - More Shares Trending Lower Than Higher
  - Indices Transitioning to Downtrends
- Sector Trends (20-32)
  - Positives: Staples, Technology
  - Breaking Down: Discretionary
  - Negatives: Resources
  - Breaking to Upside: Large Cap Industrials

- Our System Defines the “Longest Most Consistent Trend”
  - On Currency, Commodities, Stocks, Bonds, CDS
- We Key in on;
  - Inflection Points
  - Breadth



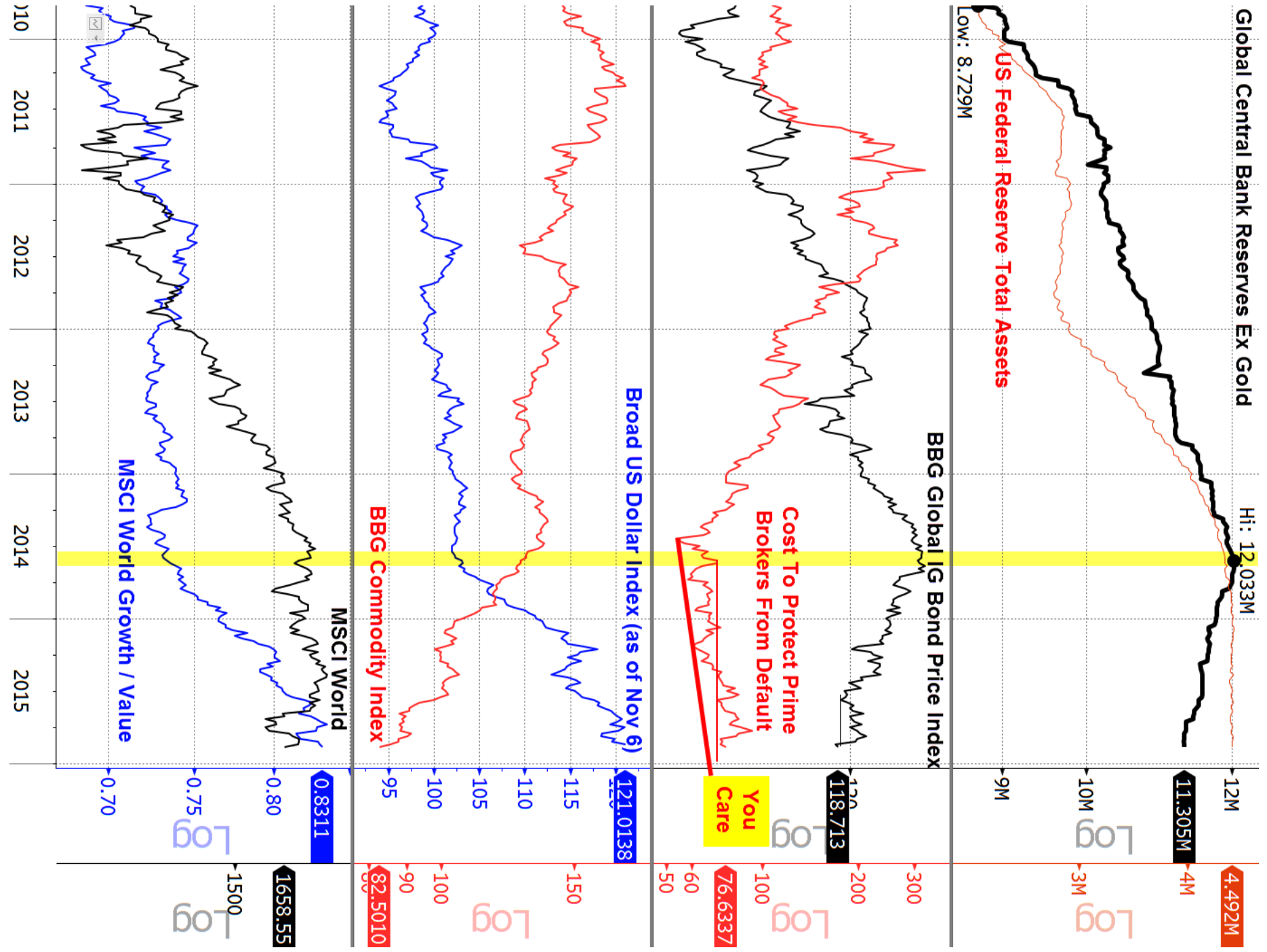
## Trends & Inflection Points

Priced Nov 13, 2015

BMO Capital Markets

Macro Tools	Relative Strength Tools	Industry Specific Tools	Price & CDS Trends
<p><b>Tutorials</b></p> <p><b>Sector &amp; Industry Report</b> Sector and Industry Relative Strength &amp; Price Trends</p> <p><b>Group Selection Report</b> Sector and Industry Breadth Heat Maps From Bottom up Relative Strength Analysis</p> <p><b>Macro</b> Trends on Currency, Commodities, Interest Rates, Equity, Volatility</p> <p><b>TAA</b> Equity TAA Tactical Asset Allocation; Gbl Indices vs MSCI World, EM, &amp; S&amp;P 500; Index Members vs MSCI World &amp; S&amp;P 500</p> <p><b>ETFs</b> Bond &amp; Commodity ETF Price Trends; Industry &amp; Sector ETFs and Regional &amp; Style ETFs vs S&amp;P 500, S&amp;P/TSX, and ACWI</p> <p><b>Classic RS Filter Tool</b> Our Original "Toolkit Click Here". Allows for the most Filtering</p>	<p><b>MEMB</b> <b>Index Members</b> Relative Strength Trends on Stocks vs Their Local Benchmarks</p> <p><b>SMID</b> RS Trends vs ACWI &amp; CDN Small Cap Indices, and Russell Small and MidCap Indices</p> <p><b>Canada</b> Relative Strength Trends on a Wide Universe of CDN Stocks</p> <p><b>North America</b> Relative Strength Trends on a Wide Universe of North American Stocks</p> <p><b>World</b> Relative Strength Trends of Stocks against MSCI World</p> <p><b>Europe &amp; EAFE</b> European, Australasia, and Far East Stocks against STOXX 50 &amp; MSCI EAFE</p> <p><b>Emerging Markets</b> Relative Strength Trends of Stocks against MSCI Emerging Markets</p>	<p><b>Energy</b> Stocks vs ACWI Energy</p> <p><b>Gold</b> Trends on Everything Bullion Related</p> <p><b>Mining</b> Gold vs GDM and Mining vs Metals &amp; Mining ex Gold &amp; Silver</p> <p><b>Agriculture</b> Stocks vs DAX/Gbl Agribusiness</p> <p><b>Real Estate</b> Stocks vs FTSE EPRA/NAREIT Global and MSCI US REIT Indices</p> <p><b>Tech/Media/Telecom</b> IT vs ACWI Technology, Media vs S&amp;P 1500 Media, Telecom vs ACWI Telecom</p> <p><b>vs Peers</b> North American Stocks vs US and CDN Subindustries, Global Stocks vs Global Industries</p>	<p><b>CDS</b> <b>CDS Trends</b> Credit Default Swap Trends on Indices, Corporations &amp; Sovereigns</p> <p><b>Long/Short Filters</b> Some of our Favourite Technical Screens for Longs &amp; Shorts</p> <p><b>Capitulation</b> Some of our Favourite Capitulation Screens</p> <p><b>Research</b> ★ Bookmarkable TIPS Suite</p> <p><b>Fundamental Coverage</b> BMO Fundamentally Rated Stocks with Relative Strength and Price Trends</p> <p><b>Recent Research</b> Market Elements and Recent TIPS Reports</p> <p><b>Marketing Package</b> Oct 16, 2015, Credit Risk, Currency, Commodities, Debt &amp; Equities</p>

# Bank Risk Started Trending Higher on the Shift From Easing to Tightening



# Credit – CDS Indices

- Risk Still Low, Yet Trending Wider
- Core European Financials the Exception, Minting Lower Highs & Lower

Name	H / L	Chg Last Day	CDS Reward /Risk	Trend Slope	Trend Length (Mo)	CDS Hi (Mo)	CDS Low (Mo)	1-day Chg(%)	5-day Chg(%)	%Chg wrt 50d MA	Chg wrt 50 Day MA Trend	%Chg wrt 200d MA	Chg wrt 200 Day MA Trend
NA IG	*			54%	9	1.0		2.6%	7.7%	3%	Above Falling	15%	Above Rising
Eur XOver				59%	9	1.0		2.1%	6.3%	-2%	Below Falling	11%	Above Rising
Eur Main				49%	9			1.2%	4.6%	-5%	Below Falling	5%	Above Rising
NA Hi Yld	*			9%	21	1.0		2.0%	8.4%	4%	Above Falling	13%	Above Rising
Eur Sr Fin				4%	15	1.0		2.9%	10.7%	-6%	Below Falling	-7%	Below Rising
Eur Sub Fin				-3%	15	1.0		1.9%	8.5%	-5%	Below Falling	-5%	Below Falling



# 1,000 bps *Mille-High Club* and Runners Up

- Most Credit-Stressed, Publicly Listed Corporations, Sorted by 5Y CDS Level

Symbol	Name	Country	Sub Industry	LT CDS	CDS Level	USD Close 13-Nov	1-day Equity Chg (%)	5-day Equity Chg (%)	MktCap (US\$)	Chg Last Day	CDS	Trend Slope	CDS Hi (Mo)	CDS Low (Mo)	CDS Last Date	Liquidity	Fit to Equity	CDS Curve 1/5Yr	CDS 1-day Chg (%)	CDS 5-day chg (%)	CDS %Chg wrt 50 DMA	Chg wrt 50 Day MA Trend	CDS BBand Width	StdDev from 26-day
BTU US	Peabody Energy	U. S.	Coal&Uran	10	10	13.79	2.1%	-5.5%	255			1,571%			Nov 13	4	6	1.26	1%	8%	40%	Above Rising	163%	1.5
ABG SM	Abengoa SA	Spain	Cns&Eng	10	10	1.29	-3.2%	-4.3%	107			458%			Nov 13	4	1	1.34	13%	-22%	-18%	Below Falling	204%	-0.6
AKS US	AK Steel Holding	U. S.	Steel	10	10	2.55	1.2%	-7.9%	454			1,183%	94.0		Nov 13	2	1	0.74	5%	11%	21%	Above Rising	102%	1.9
CHK US	Chesapeake Energy	U. S.	OG E&P	10	10	6.10	-3.5%	-16.9%	4,057	↑		2,431%	94.0		Nov 13	1	1	0.48	7%	32%	75%	Above Rising	177%	2.4
SID US	Cia Siderurgica Nacional	Brazil	Steel	10	10	1.27	-5.9%	-3.1%	1,762			226%			Nov 13	8		1.04	0%	1%	15%	Above Rising	2%	-0.1
X US	United States Steel	U. S.	Steel	10	10	9.75	0.7%	-10.2%	1,426			1,569%	94.0		Nov 13	2	1	0.53	2%	16%	57%	Above Rising	182%	2.2
NBG US	National Bank of Greece	Greece	DiversBnk	7	10	0.52	2.0%	-20.6%	1,837	↔		295%	2.5		Nov 13	7	6	1.51	4%	4%	5%	Above Rising	5%	4.7
CRC US	California Resources	U. S.	OG E&P	9	10	3.85	-4.9%	-16.8%	1,493				1.0		Nov 13	10		0.50	0%	5%	1%	Above Rising		
HOV US	Hovnanian Enterprises	U. S.	HomeBld	5	10	1.62	-4.7%	-15.2%	213			78%	2.5		Nov 13	4	1	0.69	2%	11%	19%	Above Rising	250%	2.2
SHLD US	Sears Holdings	U. S.	DeptStrs	10	10	22.17	-5.7%	-8.0%	2,364			2%	3.0		Nov 13	2	8	0.60	3%	7%	10%	Above Rising	114%	3.3
PRE CN	Pacific Rubiales Energy	Canada	OG E&P	10	10	1.47	-8.2%	-18.1%	465					2.0	Nov 13	10			0%	-10%	2%	Above Rising		
AVP US	Avon Products	U. S.	PersPrdct	10	10	2.50	-6.0%	-20.1%	1,088	↑		207%	94.0		Nov 13	3	1	0.47	4%	11%	27%	Above Rising	147%	2.5
CZR US	Caesars Entertainment	U. S.	Cas&Gam	7	10	7.94	3.5%	-9.2%	1,151			16%	2.0		Nov 13	7	10	0.52	0%	0%	0%	Above Falling	32%	1.8
AMD US	Advanced Micro Devices	U. S.	Semi	10	10	1.99	-0.5%	-7.4%	1,572			165%			Nov 13	2	5	0.49	3%	9%	-9%	Below Falling	109%	-0.3
754 HK	Hopson Development Holdings	Bermuda	REstDevl	7	10	0.85	-1.8%	-3.2%	1,908			-1%			Nov 13	7		0.72	0%	-1%	0%	Above Falling	100%	0.4
NOBL SP	Noble Group	Bermuda	TrdgDist	10	10	0.31	-11.4%	-14.6%	2,042			1,365%			Nov 13	2	9	1.09	2%	0%	2%	Above Rising	48%	-0.7
TCK/B CN	Teck Resources	Canada	DvrsMng	10	10	4.60	-2.5%	-14.6%	2,609			1,718%	1.5		Nov 13	2	1	0.41	3%	15%	26%	Above Rising	55%	2.7
VED LN	Vedanta Resources	U.K.	DvrsMng	9	10	6.19	-0.1%	-14.0%	1,665			275%			Nov 13	7	10	0.99	3%	2%	6%	Above Rising	106%	-0.2
RIG US	Transocean	Switzerland	OG Drill	10	10	14.24	0.5%	-5.5%	5,180			202%			Nov 13	2	1	0.36	4%	10%	8%	Above Rising	84%	1.2
6753 JP	Sharp	Japan	CmrElec	10	10	1.00	-1.6%	-6.5%	1,706			28%			Nov 13	5	7	1.47	1%	2%	27%	Above Rising	158%	1.4
BBD/B CN	Bombardier	Canada	Aero&Def	10	10	0.96	-7.5%	-15.9%	1,856			259%			Nov 13	1	3	0.52	0%	5%	-6%	Below Falling	78%	-0.7
YRCW US	YRC Worldwide	U. S.	Trucking	7	10	16.68	0.6%	-5.0%	544			5%			Nov 13	7		0.87	0%	2%	3%	Above Rising	89%	1.2
WIN US	Windstream	U. S.	IntgTelSrv	10	10	5.53	-10.1%	-13.1%	559			142%	1.0		Nov 13	2		0.30	2%	8%	6%	Above Rising	89%	1.5
PKD US	Parker Drilling	U. S.	OG Drill	10	10	2.70	-0.4%	-7.2%	333			81%			Nov 13	6	7	0.31	2%	7%	3%	Above Rising	88%	0.5
3383 HK	Agile Property Holdings	Cayman	REstDevl	9	10	0.53	-2.9%	-7.3%	2,062			12%	5.0		Nov 13	6	9	0.63	1%	1%	2%	Above Rising	47%	1.7
PBR US	Petroleo Brasileiro	Brazil	Int O&G	10	10	4.57	-3.0%	-9.7%	17,006			616%			Nov 13	1	1	0.61	5%	10%	-3%	Below Rising	58%	0.6
JCP US	JC Penney Co	U. S.	DeptStrs	10	10	7.44	-15.4%	-14.9%	2,273	↑		27%	9.5		Nov 13	3	4	0.36	9%	19%	22%	Above Rising	135%	3.3
MBI US	MBIA Inc	U. S.	P&C Insur	7	10	6.90	3.8%	-16.7%	1,055			66%			Nov 13	3	1	0.43	0%	15%	9%	Above Rising	135%	2.1
RAL FP	Rallye SA	France	FdRetail	9	10	17.04	-2.4%	-11.7%	831			1,034%	1.5		Nov 13	1	2	0.47	2%	18%	9%	Above Rising	81%	2.1
S US	Sprint Corp	U. S.	WlsTelSrv	7	10	4.18	1.0%	-7.7%	16,594			78%	1.5		Nov 13	2	4	0.58	1%	9%	14%	Above Rising	75%	2.0
TVPT US	Travelport Worldwide	Bermuda	InetRtl	5	10	13.47	-3.7%	-6.5%	1,664			2%			Nov 13	8		0.76	0%	-3%	2%	Above Rising	304%	0.3
TRUE TB	True Corp PCL	Thailand	IntgTelSrv	8	10	0.26	-0.1%	-10.9%	6,306			0%			Nov 13	5		0.96	0%	0%	0%	Below Falling	103%	-1.0
AST IM	Astaldi SpA	Italy	Cns&Eng	10	10	5.35	-5.0%	-33.8%	527			76%	20.0		Nov 13	2	2	0.43	6%	28%	39%	Above Rising	220%	3.1
FCX US	Freeport-McMoRan	U. S.	DvrsMng	10	10	8.68	-1.0%	-19.3%	10,033			930%	15.5		Nov 13	3	1	0.43	6%	22%	28%	Above Rising	69%	3.0
VRX CN	Valeant Pharmaceuticals	Canada	Pharma	8	10	75.39	2.2%	-8.1%	25,723			27%			Nov 13	9		0.74	0%	-1%	48%	Above Rising		
FMG AU	Fortescue Metals Group	Australia	Steel	9	10	1.62	-3.0%	3.5%	5,059			20%	6.0		Oct 30	10				1%	Above Rising			
JOY US	Joy Global	U. S.	CnstMch&Tr	10	10	15.41	2.2%	-13.1%	1,502			621%	112.0		Nov 13	8			1%	3%	20%	Above Rising	107%	1.7

# CDS Trends on Too-Interconnected-to-Fail Banks\*

- Risk Levels Low, Most Curves Far From Inverted, Yet Most Are Trending Wider

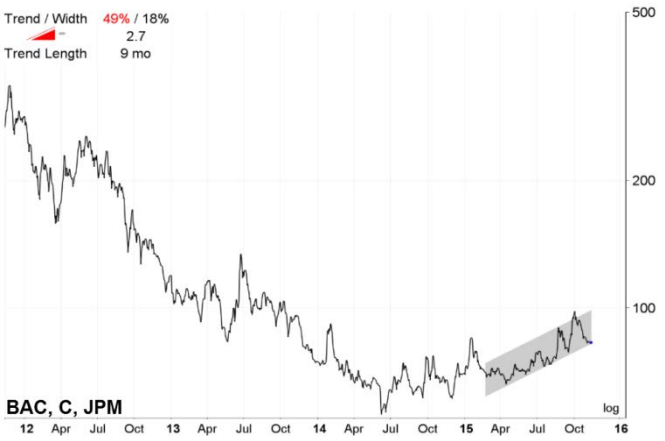
Symbol	Name	Country	LT CDS	CDS Level	CDS	Trend Slope	CDS Hi (Mo)	CDS Low (Mo)	Liquidity	Fit to Equity	CDS Curve 1/5Yr	CDS 1-day Chg (%)	CDS 5-day chg (%)	CDS %Chg wrt 50 DMA	Chg wrt 50 Day MA Trend	CDS BBand Width	StdDev from 26-day
STAN LN	Standard Chartered	U.K.	7	7		199%	1.5		1	1	0.58	1%	21%	11%	Above Rising	109%	1.8
CS US	Credit Suisse Group	Switzerland	4	4		1%	1.5		1	3	0.52	0%	10%	3%	Above Falling	106%	2.3
DB US	Deutsche Bank	Germany	3	5		32%	1.0		1	1	0.50	3%	12%	4%	Above Falling	96%	1.9
SAN US	Banco Santander	Spain	3	7		72%	1.0		1	2	0.48	2%	12%	3%	Above Rising	72%	1.6
UCG IM	UniCredit SpA	Italy	1	6		9%	1.0		1	1	0.48	2%	10%	-4%	Below Falling	111%	0.5
HSBA LN	HSBC Holdings	U.K.	4	4		77%	1.0		3	7	0.47	0%	12%	-4%	Below Falling	106%	0.6
JPM US	JPMorgan Chase	U. S.	5	4		29%			2	1	0.44	1%	-1%	-8%	Below Falling	191%	-1.0
UBSG VX	UBS Group AG	Switzerland	2	3		30%			1	1	0.44	-1%	3%	-12%	Below Falling	134%	-0.5
RBS US	Royal Bank of Scotland Group	U.K.	1	4		-4%	1.0		1	1	0.40	1%	11%	-8%	Below Falling	135%	0.3
BCS US	Barclays PLC	U.K.	1	3		-10%	1.0		1	1	0.40	2%	13%	-4%	Below Falling	125%	0.9
ACA FP	Credit Agricole	France	2	4		21%	1.0		1	1	0.40	1%	10%	-1%	Below Falling	118%	0.5
GS US	Goldman Sachs Group Inc	U. S.	1	5		12%			3	3	0.39	0%	-1%	-10%	Below Falling	198%	-0.9
1398 HK	ICBC	China	4	7		-1%			4	4	0.39	-5%	0%	-10%	Below Falling	187%	-1.1
MS US	Morgan Stanley	U. S.	2	5		32%			1	1	0.38	1%	0%	-6%	Below Falling	181%	-0.8
BNP FP	BNP Paribas	France	1	4		21%	1.0		1	1	0.37	1%	13%	-2%	Below Falling	143%	0.4
GLE FP	Societe Generale	France	1	4		4%	1.0		1	1	0.37	1%	9%	-7%	Below Falling	149%	0.0
939 HK	China Construction Bank	China	4	7		1%			2	7	0.35	0%	-2%	-8%	Below Falling	116%	-1.3
BAC US	Bank of America	U. S.	2	4		8%			1	1	0.34	2%	1%	-9%	Below Falling	213%	-0.9
C US	Citigroup Inc	U. S.	3	5		37%			1	1	0.33	1%	-1%	-8%	Below Falling	200%	-0.9
SMFG US	Sumitomo Mitsui Financial Group	Japan	4	4		168%			5	8	0.32	0%	0%	12%	Above Rising	100%	0.4
3988 HK	Bank of China	China	4	6		5%			1	2	0.28	1%	-2%	-12%	Below Falling	143%	-1.6
WFC US	Wells Fargo	U. S.	3	3		77%			1	2	0.25	1%	0%	-8%	Below Falling	120%	-1.0
1288 HK	Agricultural Bank of China	China	6	7		2%			5	5		1%	13%	-3%	Below Falling	210%	0.0
ING US	ING Groep NV	Netherlands	3	3		39%			5	6		8%	5%	-12%	Below Falling	187%	-0.3

\*Global systemically important banks (FSA November 2015) where CDS is liquid



# Bank CDS Trends

US Banks 5-Year CDS



Chinese Banks 5-Year CDS



Core EU Banks 5-Year CDS



JPMorgan Chase & Co 5-Year CDS; Senior, USD (JPM US)



Std Chartered Bk 5-Year CDS; Senior, EUR (STAN LN)



Peripheral EU Banks 5-Year CDS



Wells Fargo & Co 5-Year CDS; Senior, USD (WFC US)



HSBC Hldgs plc 5-Year CDS; Senior, EUR (HSBA LN)

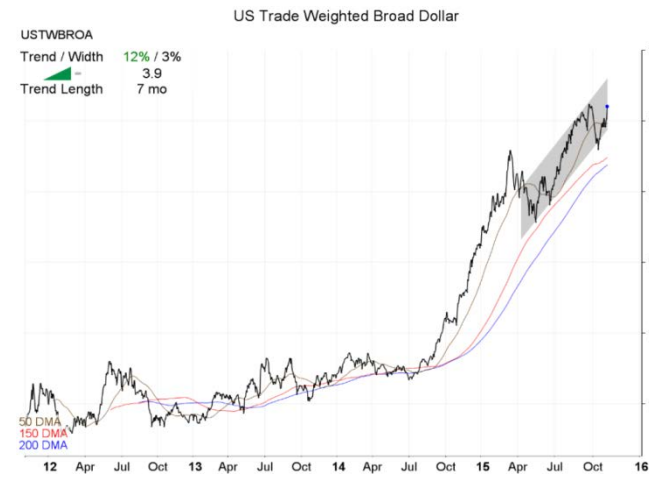


UBS AG 5-Year CDS; Senior, EUR (UBSG VX)



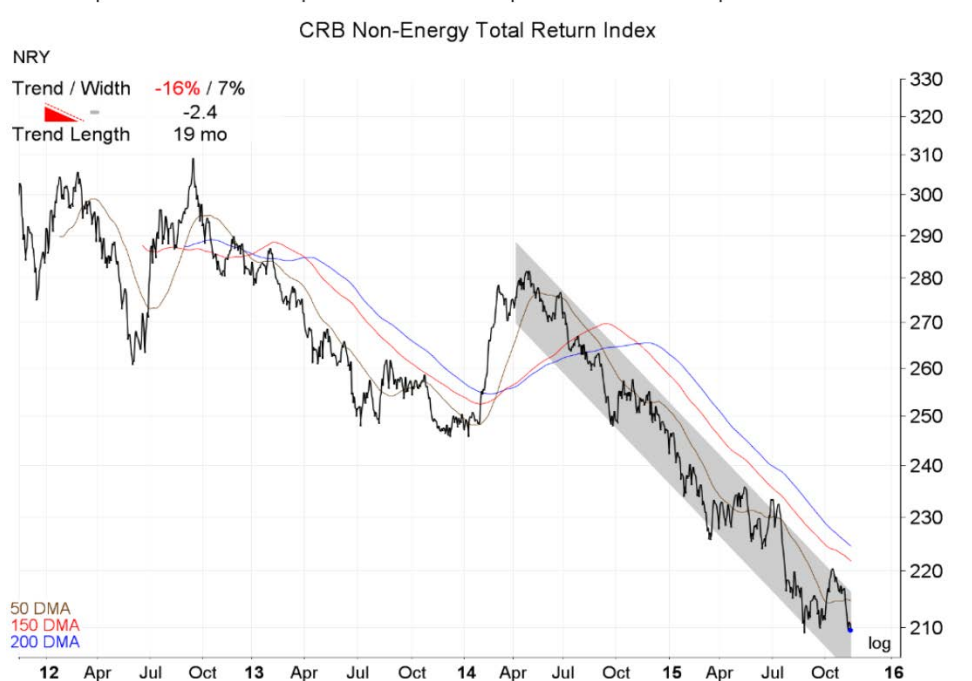
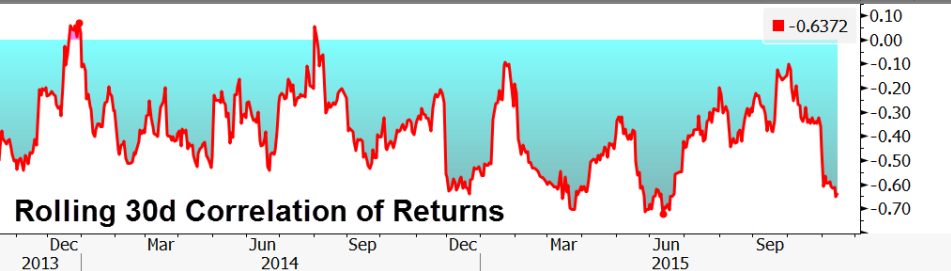
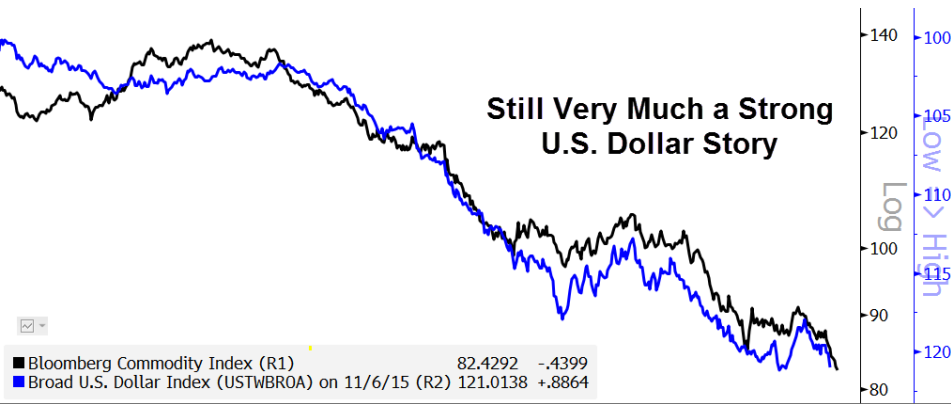
# Currency Trends

- Moving Back Towards Universal U.S. Dollar Strength
- Differentials Support EUR at New Lows



Name	Symbol	1-Day Chg (%)	5-Day Chg (%)	Chg Last Day	Reward /Risk	Trend Slope	Hi (Mo)	Low (Mo)	%Chg wrt 50d MA	Chg wrt 50 Day MA Trend	%Chg wrt 200d MA	Chg wrt 200 Day MA Trend
Swedish Krona	SEKUSD	-0.5%	0.6%		▬	0%			-3%	Below Falling	-3%	Below Falling
Euro	EURUSD	-0.4%	0.3%		▬	-1%			-3%	Below Falling	-3%	Below Falling
Taiwanese Dollar	TWDUSD	-0.3%	-0.3%	↓	▬	-3%	1.5		-1%	Below Falling	-4%	Below Falling
Japanese Yen	JPYUSD	0.0%	0.4%		▬	-3%			-2%	Below Falling	-1%	Below Falling
British Pound	GBPUSD	0.0%	1.2%		▬	-4%			-1%	Below Rising	-1%	Below Falling
South Korean Won	KRWUSD	-1.0%	-1.5%		▬	-9%	1.5		-1%	Below Rising	-3%	Below Falling
South African Rand	ZARUSD	-0.6%	-1.6%		▬	-16%	49.0		-5%	Below Falling	-13%	Below Falling
Brazilian Real	BRLUSD	-2.0%	-2.0%		▬	-32%			1%	Above Falling	-15%	Below Falling
New Zealand Dollar	NZDUSD	0.0%	0.2%		▬	-18%			0%	Below Rising	-6%	Below Falling
Australian Dollar	AUDUSD	0.0%	1.2%		▬	-15%			0%	Below Rising	-5%	Below Falling
Swiss Franc	CHFUSD	-0.6%	-0.1%		▬	-12%	8.0		-3%	Below Falling	-5%	Below Falling
Mexican Peso	MXNUSD	0.3%	0.7%		▬	-16%			0%	Below Rising	-5%	Below Falling
Norwegian Krone	NOKUSD	-0.1%	-0.1%		▬	-21%	49.0		-4%	Below Falling	-8%	Below Falling
Canadian Dollar	CADUSD	-0.2%	-0.1%		▬	-18%	1.5		-1%	Below Falling	-4%	Below Falling
Singapore Dollar	SGDUSD	-0.4%	-0.3%		▬	-13%	1.5		-1%	Below Rising	-4%	Below Falling

# Commodity Index Trends



# Commodities - Energy

- Oil Products at New Lows, as Is OPEC Basket
  - Expect Brent, WTI to Follow

Name	Chg Last Day	Reward /Risk	Trend Slope	Hi (Mo)	Low (Mo)	%Chg wrt 50d MA	Chg wrt 50 Day MA Trend
Coal PRB	↓	↓	18%		4.0	-7%	Below Falling
Uranium		↓	6%			-2%	Below Falling
AECO		↓	0%			-6%	Below Falling
Coal CAPP		↓	-8%		4.0	-1%	Below Falling
UK Natural Gas	↓	↓	-17%			-8%	Below Falling
WTI		↓	-48%		2.5	-11%	Below Falling
NMX Natural Gas		↓	-36%			-4%	Below Falling
Brent		↓	-52%		2.5	-10%	Below Falling
Heating Oil		↓	-48%		2.5	-8%	Below Falling
RBOB Gasoline		↓	-70%		49.0	-9%	Below Falling

Name	5yr CDS Level (bps)	1-Day Chg (%)	5-Day Chg (%)	CDS Reward /Risk	Trend Slope	Trend Length (Mo)	CDS %Chg wrt 50 DMA	Chg wrt 50 Day MA Trend
Brazil	427	2.4%	6.7%	↑	355%	7	1%	Above Rising
Saudi Arabia	155	-0.8%	3.3%	↑	71%	19	27%	Above Rising
Venezuela	5,138	7.0%	10.6%	↓	54%	9	-8%	Below Falling
Iraq	707	-1.4%	-5.5%	↓	23%	12	14%	Above Rising
UAE	202	0.3%	2.3%	↓	0%	7	1%	Above Rising
Russia	290	5.1%	4.0%	↓	-16%	8	-10%	Below Falling
Quatar	75	-0.6%	2.8%	↑	-20%	12	6%	Above Rising

Rep Venezuela 5-Year CDS; Senior, USD



# Commodities - Metallic

• No Words Needed

## GoldFX

Name	1-Day Chg (%)	5-Day Chg (%)	Chg Last Day	Reward /Risk	Trend Slope	Hi (Mo)	Low (Mo)	%Chg wrt 50d MA	Chg wrt 50 Day MA Trend
in CAD	0.1%	-0.4%		▲	6%			-3%	Below Falling
in AUD	-0.1%	-1.7%		▲	6%		3.0	-4%	Below Falling
in INR	-0.4%	0.0%		▲	-3%		3.0	-4%	Below Falling
in CHF	0.5%	-0.5%		▲	-6%			-2%	Below Falling
in USD	-0.1%	-0.5%		▲	-10%		49.0	-4%	Below Falling
in GBP	-0.1%	-1.7%		▲	-13%		3.0	-4%	Below Falling
in JPY	-0.1%	-1.0%		▲	-10%		12.0	-3%	Below Falling
in EUR	0.3%	-0.8%		▲	-13%			-1%	Below Falling



## Precious M&M

Name	1-Day Chg (%)	5-Day Chg (%)	Chg Last Day	Reward /Risk	Trend Slope	Hi (Mo)	Low (Mo)	%Chg wrt 50d MA	Chg wrt 50 Day MA Trend
Silver	-0.2%	-3.5%		▲	-11%		2.5	-6%	Below Falling
Gold	-0.1%	-0.5%		▲	-10%		49.0	-4%	Below Falling
Palladium	-3.9%	-13.2%	↓	▲	-23%		2.5	-17%	Below Falling
Diamonds	0.1%	0.6%		▲	-11%	1.5		1%	Above Rising
Platinum	-1.6%	-8.3%	↓	▲	-27%		49.0	-10%	Below Falling



## Base Metals & Bulks

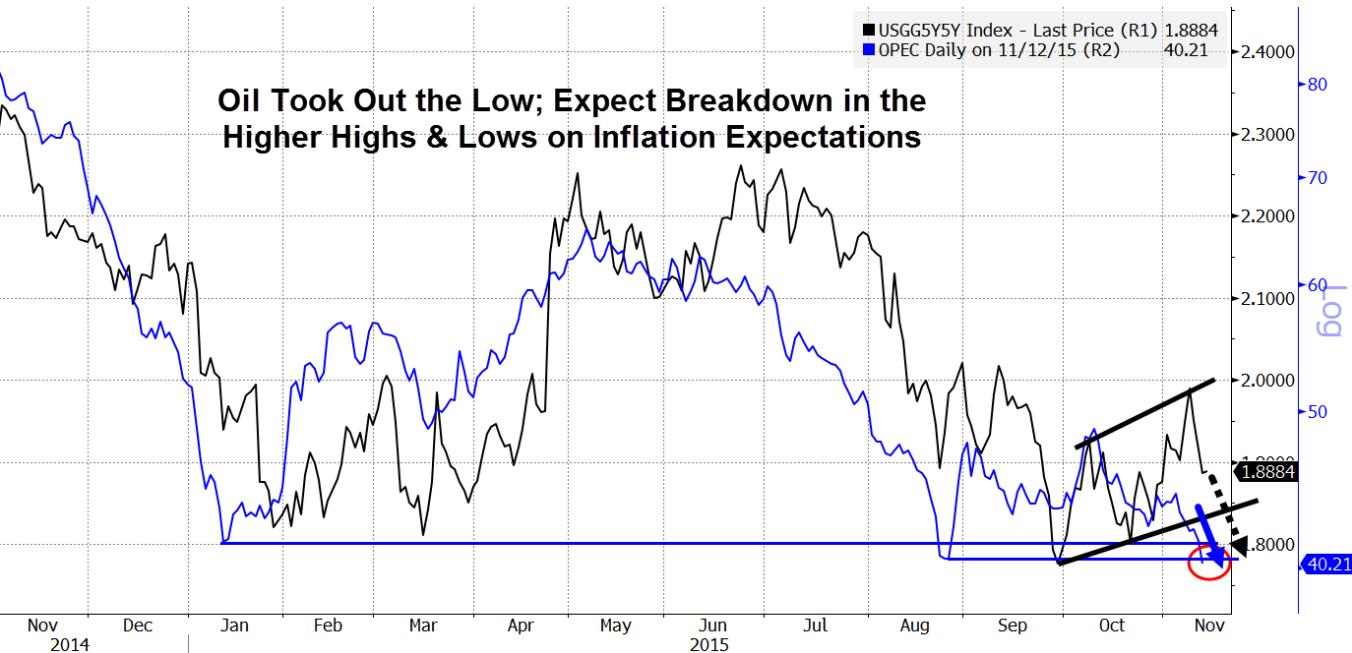
Name	1-Day Chg (%)	5-Day Chg (%)	Chg Last Day	Reward /Risk	Trend Slope	Hi (Mo)	Low (Mo)	%Chg wrt 50d MA	Chg wrt 50 Day MA Trend
Baltic Dry	-3.3%	-11.3%		▲	99%		8.5	-29%	Below Falling
Lead	-0.4%	-3.0%		▲	-17%		49.0	-5%	Below Falling
Copper	-0.2%	-3.3%		▲	-22%		49.0	-8%	Below Falling
Iron Ore	0.7%	-0.1%		▲	-41%			-11%	Below Falling
Steel - China	-1.5%	-2.9%		▲	-25%		4.0	-5%	Below Falling
Molybdenum	0.0%	0.0%		▲	-53%	1.0		-4%	Below Falling
Nickel	0.2%	-2.1%		▲	-41%			-7%	Below Falling
Aluminum	-0.1%	-2.1%		▲	-30%			-4%	Below Falling
Zinc	0.4%	-2.3%		▲	-48%			-6%	Below Falling



# Debt Trends – Inflation Expectations

- Expect Countertrend Rebounds Are Over, as Oil Takes out the Low

Name	1-Day Chg (%)	5-Day Chg (%)	Reward /Risk	Trend Slope	Hi (Mo)	Low (Mo)	Chg wrt 50Day MA	Chg wrt 50 Day MA Trend	Chg wrt 200d MA	Chg wrt 200 Day MA Trend
Bra 10Yr	0.2%	2.4%		19%			4.9%	Above Rising	24.2%	Above Rising
S. Afr. 10Yr	0.4%	2.1%		2%	2.0		2.9%	Above Rising	6.1%	Above Rising
Mex 7Yr	-0.4%	1.9%		-2%			1.5%	Above Falling	-0.4%	Below Falling
Ger 10Yr	-2.5%	-3.3%		-22%			4 bps	Above Rising	-0.3%	Below Rising
Fra 10Yr	0.2%	-2.2%		-42%			2 bps	Above Rising	-6.2%	Below Rising
Aus 10Yr	-0.3%	3.9%		-15%			2.7%	Above Rising	-0.7%	Below Rising
CDN 15Yr	-0.6%	1.1%		-35%			2.8%	Above Rising	-7.8%	Below Falling
U.S. 10Yr	-0.8%	-2.3%		-47%			1.8%	Above Rising	-10.1%	Below Falling
U.K. 10Yr	-1.0%	1.0%		-27%			1.5%	Above Falling	-2.4%	Below Rising
Jap 10Yr	3.1%	-2.6%		-56%			-6 bps	Below Falling	-18 bps	Below Falling



# Debt Trends – Long Rates

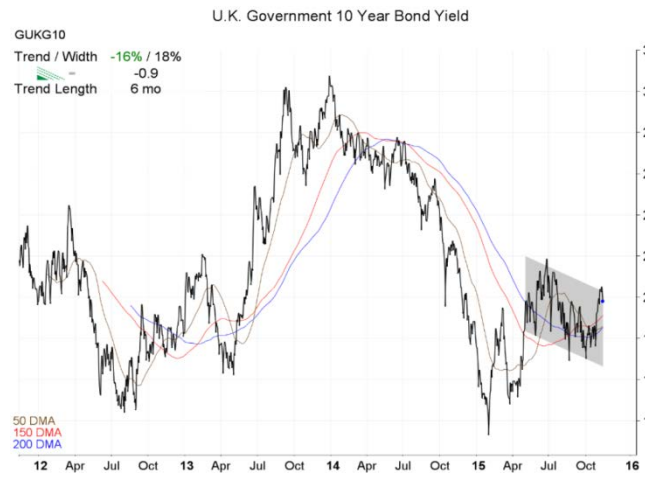
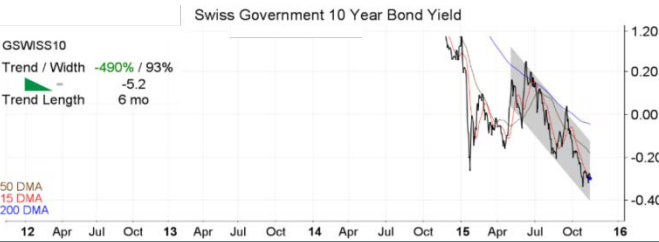
- Transitioned Back to Yield Downtrends

### Major 10Yr

Name	Reward /Risk	Trend Slope	Hi (Mo)	Low (Mo)	Chg wrt 50Day MA	Chg wrt 50 Day MA Trend
Canada	↑	-24%			9.0%	Above Rising
France	—	-31%			-10 bps	Below Falling
Germany	—	-53%			-4 bps	Below Falling
Portugal	—	-24%			9.2%	Above Rising
U.K.	—	-16%			6.5%	Above Rising
Spain	—	-30%			-4.0%	Below Falling
U.S.	—	-16%			5.9%	Above Rising
Australia	↑	-23%	4.0		9.8%	Above Rising
Italy	—	-55%			-7.3%	Below Falling
Japan	—	-74%			-2 bps	Below Falling
Swiss	—	-490%			-12 bps	Below Falling

### Major 30'r

Name	Reward /Risk	Trend Slope	Hi (Mo)	Low (Mo)	Chg wrt 50Day MA	Chg wrt 50 Day MA Trend
France	—	-6%			-0.4%	Below Falling
Swiss	—	-12%			-8 bps	Below Falling
Germany	—	-12%			4 bps	Above Rising
Canada	—	-6%			2.8%	Above Rising
Spain	—	-13%			-0.4%	Below Falling
U.S.	—	-9%			3.7%	Above Rising
U.K.	—	-11%			4.1%	Above Rising
Italy	—	-32%			-3.3%	Below Falling
Japan	↑	-20%			1.7%	Above Rising



# Debt Trends - Global Short Rates

- U.S. and U.K. 2Yr Trends Are Higher
  - Another U.S. Spike Fading Back to Trend
- Core European Yields Diving Ahead of Dec Draghi Decision
- CDN & Aussie Yields Diverging From Commodity Cues
  - Expected to Be Resolved With Lower Rates & Currencies

Name	Reward /Risk	Trend Slope	Hi (Mo)	Low (Mo)	Chg wrt 50Day MA	Chg wrt 50 Day MA Trend	Chg wrt 200d MA	Chg wrt 200 Day MA Trend
U.S.		90%			14 bps	Above Rising	19 bps	Above Rising
U.K.		70%			7 bps	Above Rising	12 bps	Above Rising
Portugal		153%			-8 bps	Below Falling	-3 bps	Below Falling
Japan		106%		5.5	-2 bps	Below Falling	-2 bps	Below Falling
Swiss		1%			-20 bps	Below Falling	-17 bps	Below Falling
Spain		-62%			-7 bps	Below Falling	-11 bps	Below Falling
Canada		-3%			7 bps	Above Rising	8 bps	Above Rising
Italy		-95%			-6 bps	Below Falling	-15 bps	Below Falling
Australia		-19%	5.0		10.3%	Above Rising	8.3%	Above Rising
France		-129%		49.0	-9 bps	Below Falling	-13 bps	Below Falling
Germany		-116%		49.0	-10 bps	Below Falling	-13 bps	Below Falling

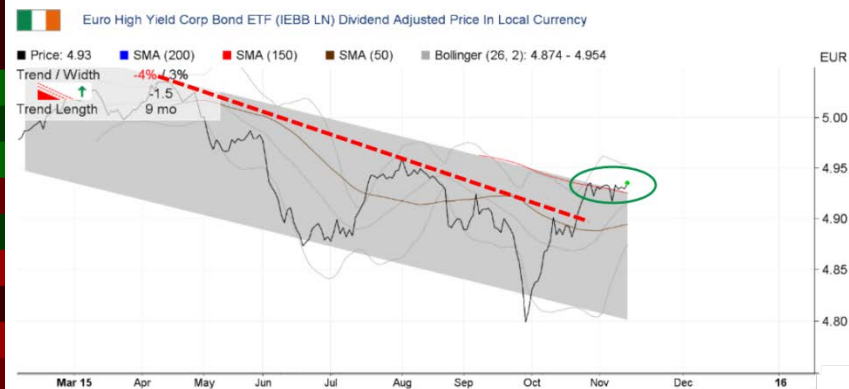
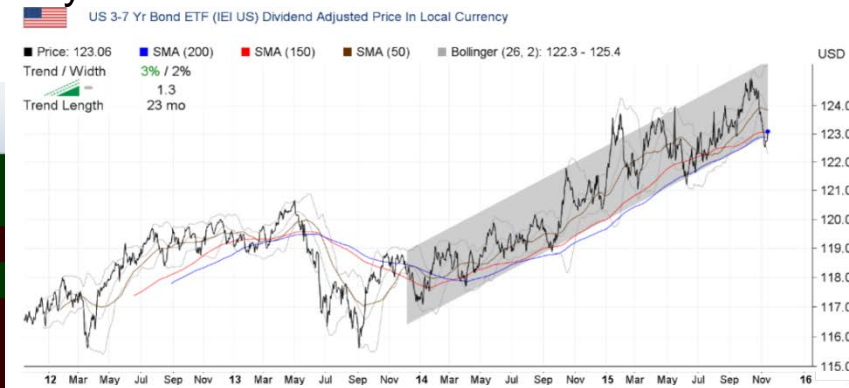




# Debt Trends - Bond ETFs

- Treasury Bull Trends at the Short End Has Transitioned Out in Duration
- North American Junk Bonds Squashed by Commodities
- Note European Corp Bond Strength as Draghi Drives Yield Scarcity

Symbol	Name	Price Trend	Trend Slope	Hi (Mo)	Low (Mo)	%Chg wrt 50d MA	Chg wrt 50 Day MA Trend	%Chg wrt 150d MA	Chg wrt 150 Day MA Trend	Boll Band	Boll Band Width	RSI Dly
MUB US	S&P Muni Bond Fund	▲	5%			0%	Above Rising	1%	Above Falling	BELOW	55%	51
RXP5EX GR	German Govt Bond ETF 5.5-10.5	▲	5%			1%	Above Rising	1%	Above Falling	ABOVE	85%	56
IEF US	US 7-10 Yr Bond ETF	▲	6%			-1%	Below Falling	0%	Below Falling	BELOW	141%	41
X1G FP	Euro IG ex-AAA Govt Bond ETF	▲	7%			1%	Above Rising	1%	Above Falling	ABOVE	88%	54
TLH US	US 10-20 Yr Bond ETF	▲	7%			-1%	Below Falling	0%	Below Falling	BELOW	127%	41
TLT US	US Long Term Bond ETF	▲	10%			-2%	Below Falling	-2%	Below Falling	BELOW	103%	42
AGG US	US Corp Bond ETF	▲	2%			0%	Below Falling	0%	Below Falling	BELOW	144%	43
BND US	Vanguard Total Bond Market ETF	▲	2%			0%	Below Falling	0%	Below Falling	BELOW	138%	42
SHY US	US Short Term Bond ETF	▲	1%			0%	Below Falling	0%	Above Rising	BELOW	236%	42
IEI US	US 3-7 Yr Bond ETF	▲	3%			-1%	Below Falling	0%	Above Falling	BELOW	184%	41
AM3A FP	Euro AAA Govt Bond ETF	▲	3%			0%	Above Rising	0%	Below Falling	ABOVE	89%	54
LQD US	US IG Corporate Bond Fund	▲	2%			0%	Below Rising	-1%	Below Falling	BELOW	130%	43
HYD US	MV High Yield Municipal Index ETF	▲	3%			0%	Above Rising	1%	Above Rising	BELOW	58%	45
MBB US	Barclays MBS Bond ETF	▲	1%			0%	Below Falling	0%	Above Rising	BELOW	134%	42
XSB CN	CDN Short Term Bond ETF	▲	1%			0%	Below Falling	0%	Above Rising	ABOVE	100%	51
PCY US	Emerg Markets Sovn Debt ETF	▲	1%			0%	Above Rising	1%	Above Rising	BELOW	61%	48
IBCI NA	Euro TIPS ETF	▲	1%			1%	Above Rising	0%	Above Falling	ABOVE	100%	58
EMB US	Emerg Mkts Bond ETF	▲	0%			0%	Above Rising	0%	Below Rising	BELOW	53%	48
HYXU US	Global ex USD HY Corp Bond Fund	▲	-4%			-2%	Below Falling	-2%	Below Falling	BELOW	132%	42
XBB CN	CDN Bond ETF	▲	-2%			-1%	Below Falling	-1%	Below Falling	BELOW	81%	43
CC4 FP	Euro Corp Bond ETF	▲	-2%			1%	Above Rising	0%	Above Falling	ABOVE	142%	66
XCB CN	CDN All Corp Bond ETF	▲	-2%			0%	Above Rising	-1%	Below Falling	ABOVE	90%	54
IEBB LN	Euro High Yield Corp Bond ETF	▲	-4%	3.0		1%	Above Rising			ABOVE	98%	62
TIP US	US TIPS Bond ETF	▲	-3%			-1%	Below Falling	-2%	Below Falling	BELOW	127%	36
XRB CN	CDN TIPS Bond ETF	▲	-9%			-1%	Below Falling	-4%	Below Falling	ABOVE	71%	52
HYG US	High Yield Corp Bond Fund	▲	-10%		1.5	-2%	Below Falling	-4%	Below Falling	OSOLD	119%	29
EDD US	MS EM Domestic Debt Fund	▲	-31%		1.0	0%	Below Rising	-12%	Below Falling	OSOLD	70%	41
JNK US	SPDR High Yield Bond ETF	▲	-12%		1.5	-2%	Below Falling	-5%	Below Falling	OSOLD	111%	27
WIP US	DB International TIPS Bond ETF	▲	-13%			-1%	Below Falling	-4%	Below Falling	BELOW	142%	38



# Debt Trends - High Yield & Investment Grade Bond Price Indices

## Global IG

Name	Reward /Risk	Trend Slope	Hi (Mo)	Low (Mo)	%Chg wrt 50d MA	Chg wrt 50 Day MA Trend
Health Care		3%			-1%	Below Rising
Technology		2%			-1%	Below Falling
Financials		-1%			-1%	Below Falling
Cmr Staples		-3%			-1%	Below Falling
Comm		-5%			-1%	Below Falling
Industrials		-4%			-1%	Below Falling
IG		-5%			-1%	Below Falling
Utilities		-6%			-2%	Below Falling
Cmr Disc		-6%			-1%	Below Falling
Materials		-6%	26.0		-2%	Below Falling
Energy		-11%			-1%	Below Falling

BBG USD Gbl IG Corp Bond Index



## U.S. IG

Name	Reward /Risk	Trend Slope	Hi (Mo)	Low (Mo)	%Chg wrt 50d MA	Chg wrt 50 Day MA Trend
Financials		3%			0%	Below Rising
Cmr Staples		4%			0%	Below Rising
Health Care		3%			0%	Below Rising
Technology		2%			-1%	Below Falling
Comm		3%			0%	Below Rising
Industrials		2%			0%	Below Falling
Utilities		3%			-1%	Below Falling
Cmr Disc		2%			0%	Below Rising
IG		1%			0%	Below Falling
Materials		-7%			-1%	Below Falling
Energy		-10%			-1%	Below Falling

BBG US IG Corp Bond Index



## High Yield

Name	Reward /Risk	Trend Slope	Hi (Mo)	Low (Mo)	%Chg wrt 50d MA	Chg wrt 50 Day MA Trend
Health Care		5%	10.0		-3%	Below Falling
Cmr Staples		2%	1.0		0%	Above Rising
Financials		1%			1%	Above Rising
Cmr Disc		-1%	1.0		0%	Below Rising
Comm		-7%	1.0		-1%	Below Falling
HY		-9%	1.0		-1%	Below Falling
Technology		-7%	1.0		0%	Below Falling
Utilities		-9%	1.0		-1%	Below Falling
Materials		-13%	1.0		-1%	Below Falling
Industrials		-10%	1.0		0%	Below Falling
Energy		-32%	1.0		-1%	Below Falling

BBG USD HY Corp Bond Index



BBG USD Gbl IG Corp Bond Index Energy



BBG US IG Corp Bond Index Energy



BBG USD HY Corp Bond Index Energy



## Equity Price Trends - Breadth

- Over 50% of Shares Are Trending **Lower**

	<b>Trending Higher</b>	<b>Severed Uptrend</b>	<b>Trending Lower</b>	<b>Severed Downtrend</b>
S&P 500	45%	6%	54%	2%
Russell 2000	41%	6%	58%	4%
MSCI World ex US	38%	3%	62%	5%
S&P/TSX	25%	5%	75%	3%

# Equity Indices

- Many Flat & Messy Trends
- Transitioning to Bear Trends

Name	Reward /Risk	Trend Slope	Hi (Mo)	Low (Mo)	%Chg wrt 50d MA	Chg wrt 50 Day MA Trend
NASDAQ	▲▲▲▲▲	13%			1%	Above Rising
Japanese TPX	▲▲▲▲▲	17%			6%	Above Rising
Russian MICEX	▲▲▲▲▲	9%			3%	Above Rising
MSCI EAFE	▲▲▲▲▲	12%			2%	Above Rising
STOXX 50	▲▲▲▲▲	12%			3%	Above Rising
MXWO xUSA	▲▲▲▲▲	9%	1.0		1%	Above Rising
French CAC	▲▲▲▲▲	11%			3%	Above Rising
Swiss SMI	▲▲▲▲▲	7%	1.0		0%	Above Rising
MSCI EM	▲▲▲▲▲	7%	1.5		0%	Below Rising
DJIA	▲▲▲▲▲	5%	1.0		1%	Above Rising
Taiwan TWSE	▲▲▲▲▲	7%	1.5		-1%	Below Rising
Hong Kong HSI	▲▲▲▲▲	4%			1%	Above Rising
Korean KOSPI	▲▲▲▲▲	1%	1.5		-1%	Below Rising
Spanish IBEX	▲▲▲▲▲	2%	1.0		1%	Above Rising
UK FTSE 100	▲▲▲▲▲	-1%	1.5		-2%	Below Rising
ACWI	▲▲▲▲▲	-2%	1.0		0%	Below Rising
S&P 500	▲▲▲▲▲	-2%	1.0		1%	Above Rising
ACWI xUSA	▲▲▲▲▲	-8%	1.5		-1%	Below Rising
Mexican IPC	▲▲▲▲▲	-6%	1.0		0%	Below Rising
Italian MIB	▲▲▲▲▲	-10%	1.0		-1%	Below Rising
xUS SmlCap	▲▲▲▲▲	-10%			2%	Above Rising
Indian SENSEX	▲▲▲▲▲	-12%	2.0		-3%	Below Falling
German DAX	▲▲▲▲▲	-24%			5%	Above Rising
Russell 2000	▲▲▲▲▲	-16%			-1%	Below Rising
Chinese CSI	▲▲▲▲▲	-54%			9%	Above Rising
MSCI Sml Cap	▲▲▲▲▲	-16%	1.5		-1%	Below Rising
ASX	▲▲▲▲▲	-21%	1.5		-2%	Below Rising
Bovespa	▲▲▲▲▲	-33%			-1%	Below Rising
S&P/TSX Sml	▲▲▲▲▲	-33%			-4%	Below Falling
S&P/TSX	▲▲▲▲▲	-23%	1.5		-4%	Below Falling
CDN Vegas	▲▲▲▲▲	-45%			-3%	Below Falling

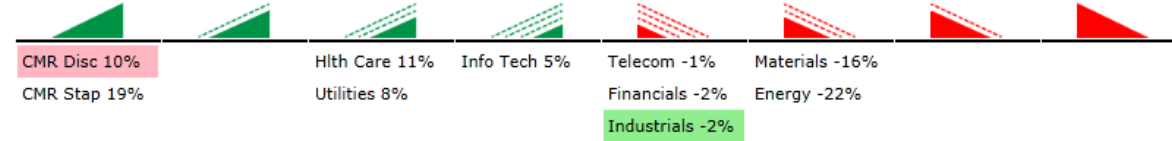


**SXSE**  
 Soon Will Become...  
 Trend / Width -19% / 14%  
 Trend Length 9 mo

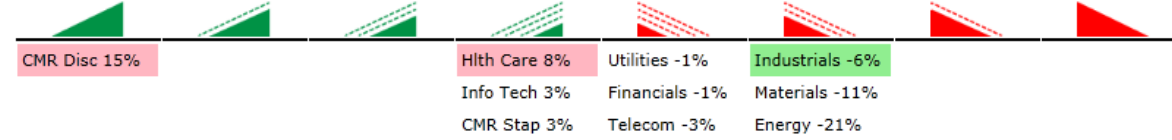
# Sector & Global Industry Relative Strength Trends

- Positives: Staples, Technology
- Breaking Down: Discretionary
- Negatives: Resources
- Breaking to Upside: Large Cap Industrials

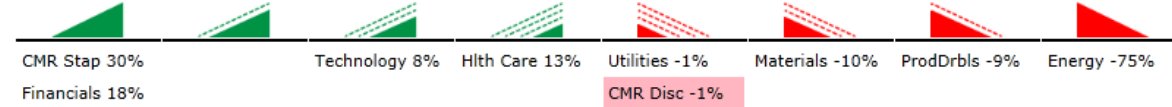
## MSCI World Sector vs. MSCI World Index



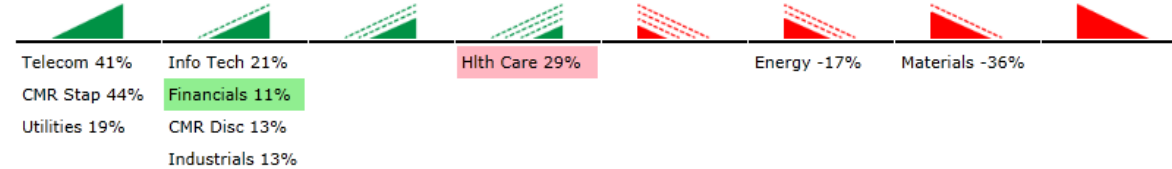
## S&P 500 Sector vs. S&P 500



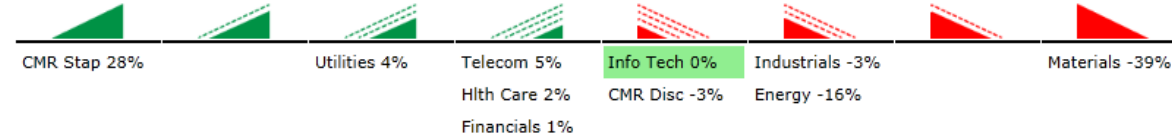
## Russell 2000 Sector vs. Russell 2000 Index



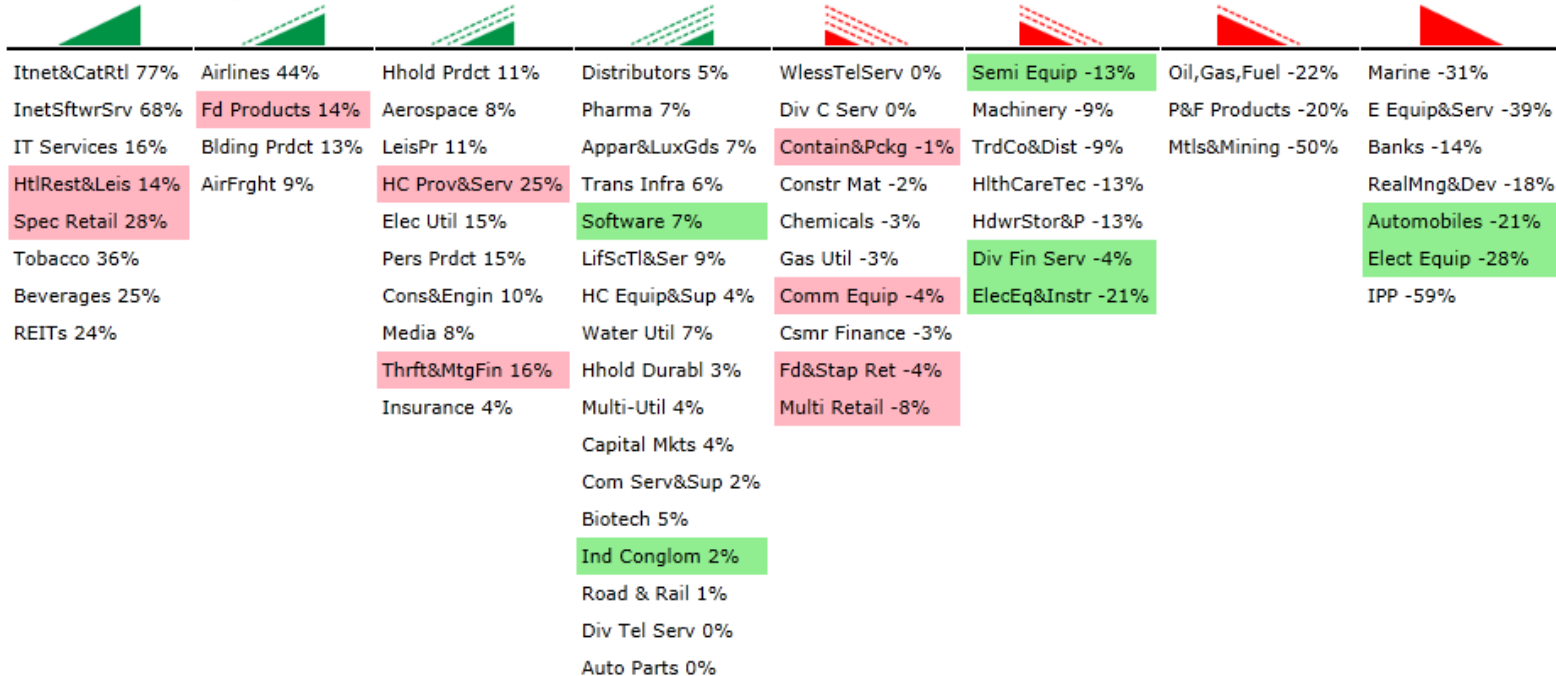
## Canadian Sector vs. S&P/TSX Composite Index



## European Sector vs. MSCI Europe Index

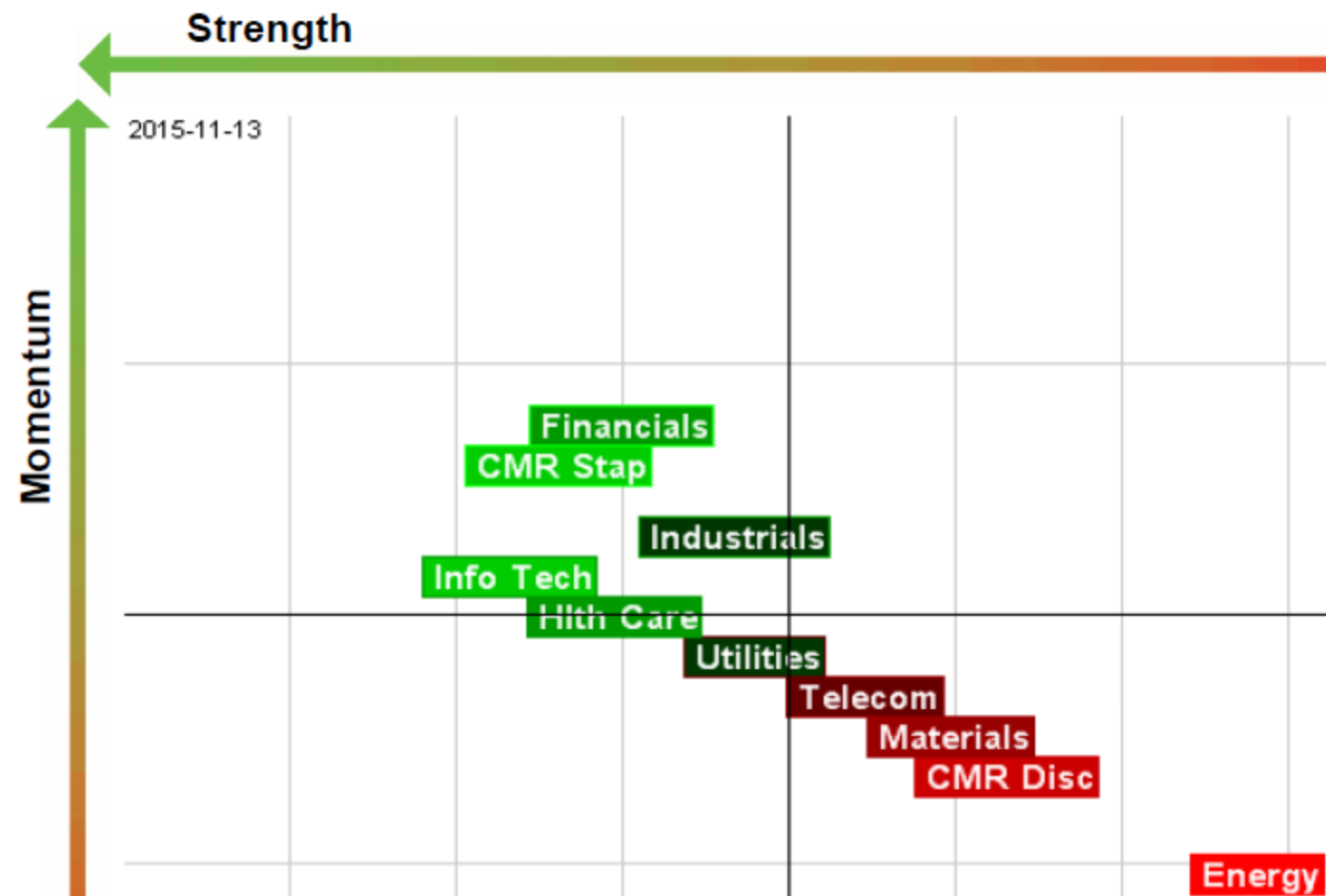


## MSCI World Industry vs. MSCI World Index



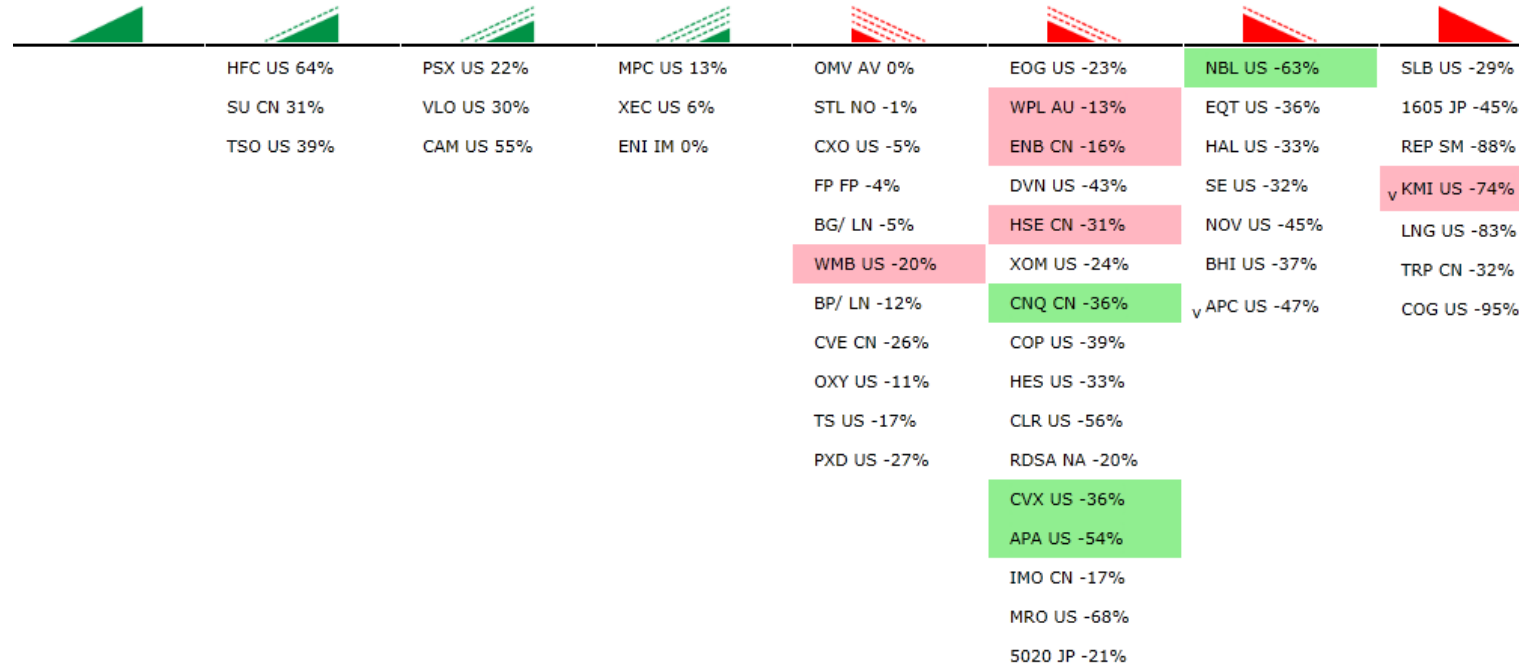
# Global Relative Strength Breadth Heat Map

- Staples Providing Leadership – Since Credit Spreads Started Trending Wider This Year
  - Utilities Cycling Between Positive and Neutral
- Technology Providing Leadership – Pulls Back When Credit Spreads Spike Higher
  - Health Care Cycling Between Positive and Neutral
- Materials Cycling Between Neutral and Weak
- Energy Cycling Between Weak and Ugly



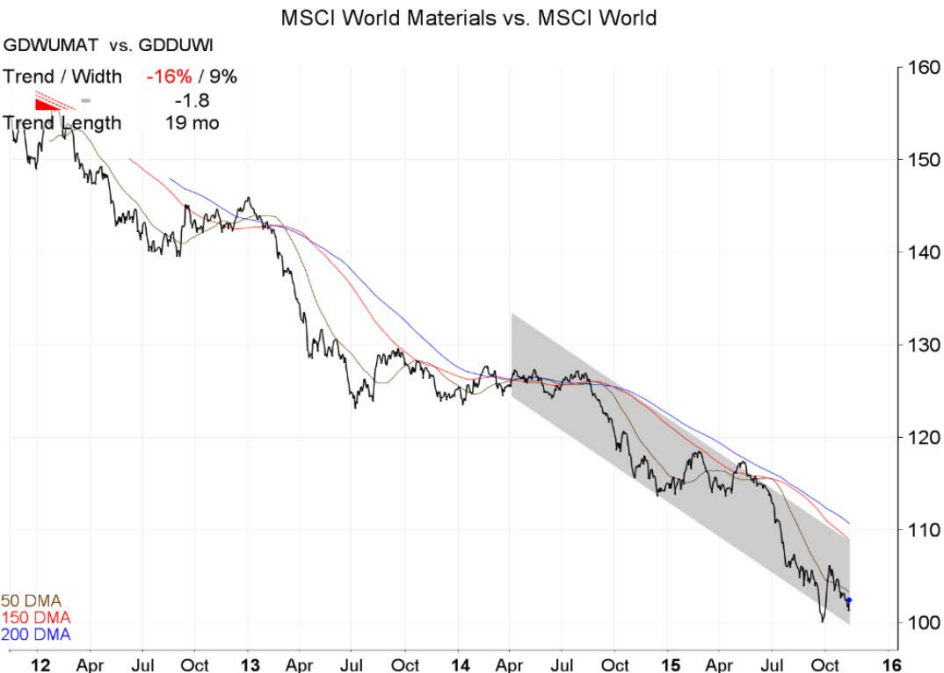
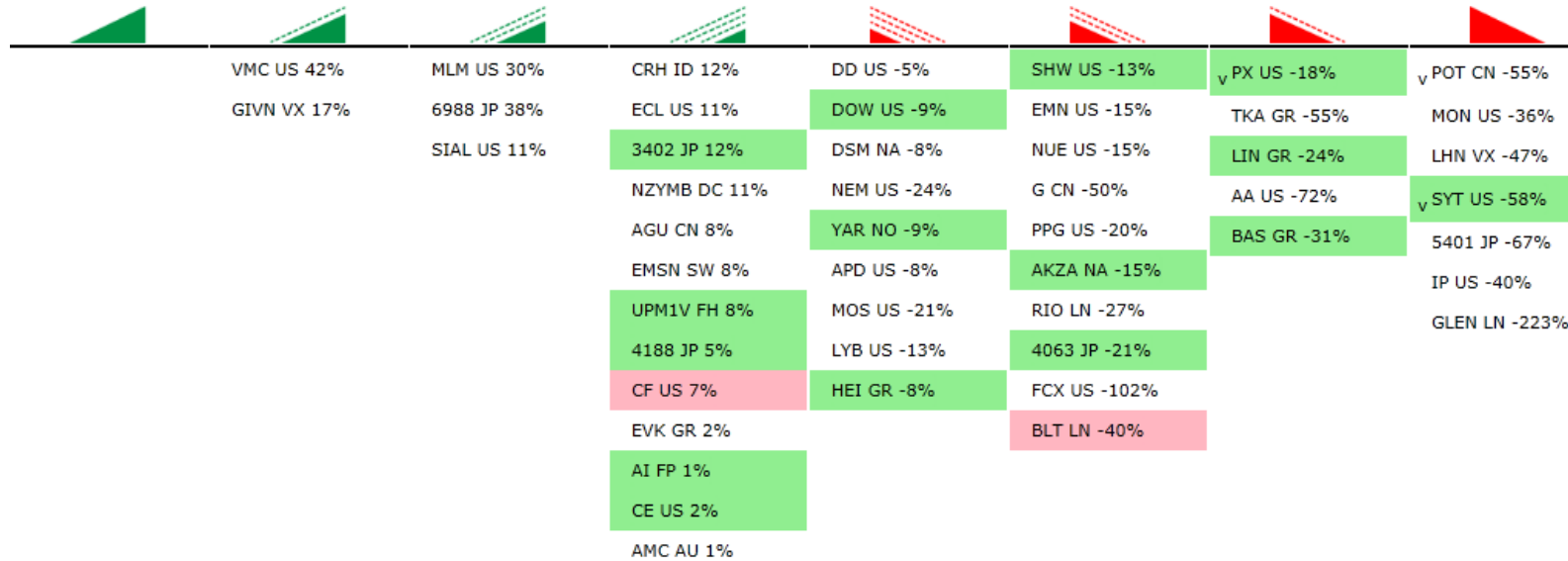
# Energy

- Heavily Slanted Toward Underperformance
- Most “Barking Dogs” Reverting Back to Dogs



# Materials

- Slanted Toward Underperformance But Many Severed Underperformers
- European Names Reacting Positively to Weaker EUR

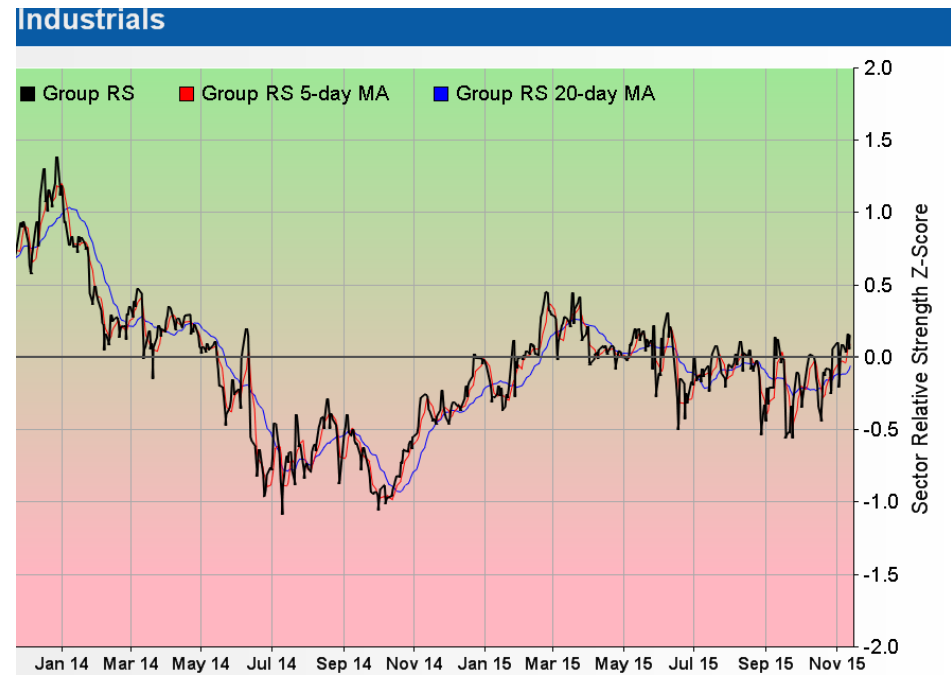




# Industrials

- Neutral, Balanced
- Positive Tilts on Building Products & Airlines

NOC US 44%	DAL US 54%	9020 JP 26%	LR FP 14%	1 HK 0%	DPW GR -12%	6954 JP -46%	ABB US -29%
DHR US 30%	AENA SM 41%	SAF FP 31%	KNEBV FH 11%	7011 JP -4%	EXPN LN -10%	6301 JP -33%	MAERSKB DC -44%
LMT US 46%	DG FP 32%	UAL US 32%	ROP US 9%	GE US -4%	PHG US -13%	EMR US -29%	CAT US -35%
WM US 41%	NLSN US 24%	ATL IM 25%	SGO FP 9%	8031 JP -2%	ITW US -11%	TYC US -22%	SU FP -43%
RSG US 32%	GD US 24%	BA US 9%	6098 JP 8%	9735 JP -3%	FDX US -15%	CSX US -30%	VOLVB SS -49%
RYA LN 53%	UPS US 22%	AAL US 26%	6367 JP 15%	DE US -8%	PCAR US -20%	UTX US -30%	ETN US -57%
RTN US 48%	IAG LN 44%	66 HK 11%	ASSAB SS 6%	SIE GR -8%	CP CN -23%	UNP US -36%	8058 JP -56%
FER SM 34%	LUV US 66%	SWK US 9%	6326 JP 7%	PCP US -20%	ATCOA SS -22%	NSC US -40%	
CNR CN 30%			NJ US 10%	MMM US -11%	BA/ LN -17%		
			8001 JP 11%		CMI US -30%		
			HON US 3%				
			6273 JP 11%				
			KNIN VX 4%				
			9022 JP 4%				
			AIR FP 4%				
			6503 JP 5%				



# Consumer Discretionary

- Global Autos Inflecting Positively
- U.S. Retail Inflecting Negatively

SBUX US 54%	CCL US 33%	7270 JP 28%	7201 JP 16%	VOW GR -3%	TWX US -16%	4755 JP -47%	6752 JP -52%
AMZN US 90%	↓ TJX US 36%	DIS US 18%	9983 JP 28%	CON GR -1%	LVS US -19%		CBS US -54%
ORLY US 51%	LUX US 33%	TRI CN 19%	7269 JP 12%	KER FP -1%	SNE US -18%		HLT US -27%
↓ HD US 39%	LOW US 28%	VIV FP 18%	CHTR US 11%	HMB SS -1%	6201 JP -17%		TM US -18%
MCD US 45%	↓ AZO US 26%	ADS GR 23%	↓ LB US 13%	YUM US -3%	6902 JP -15%		
↓ NKE US 62%	NFLX US 67%	RMS FP 10%	↓ DG US 13%	WPP LN -3%	ML FP -17%		
RCL US 73%	SKY LN 20%		CDI FP 5%	RNO FP -12%	BMW GR -32%		
SIRI US 25%			DLPH US 9%	GM US -9%	4661 JP -29%		
PCLN US 53%			MG CN 9%	1928 HK -13%	DAI GR -25%		
ITX SM 34%			↓ ROST US 7%	JCI US -9%	FOXA US -26%		
TWC US 46%			TGT US 6%	F US -7%	NUM FP -31%		
RELX US 25%			CMCSA US 5%	TSLA US -17%			
			MC FP 5%	MAR US -9%			
			RENX US 5%	5108 JP -10%			
			↓ VFC US 5%	CFR VX -16%			
			CPG LN 3%				
			↓ CMG US 6%				
			HMC US 2%				
			FCA IM 2%				

## MSCI World Industry vs. MSCI World Index (CD)

Itnet&CatRtl 77%	LeisPr 11%	Distributors 5%	Div C Serv 0%	Automobiles -21%
HtlRest&Leis 14%	Media 8%	Appar&LuxGds 7%	Multi Retail -8%	
Spec Retail 28%		Hhold Durabl 3%		
		Auto Parts 0%		

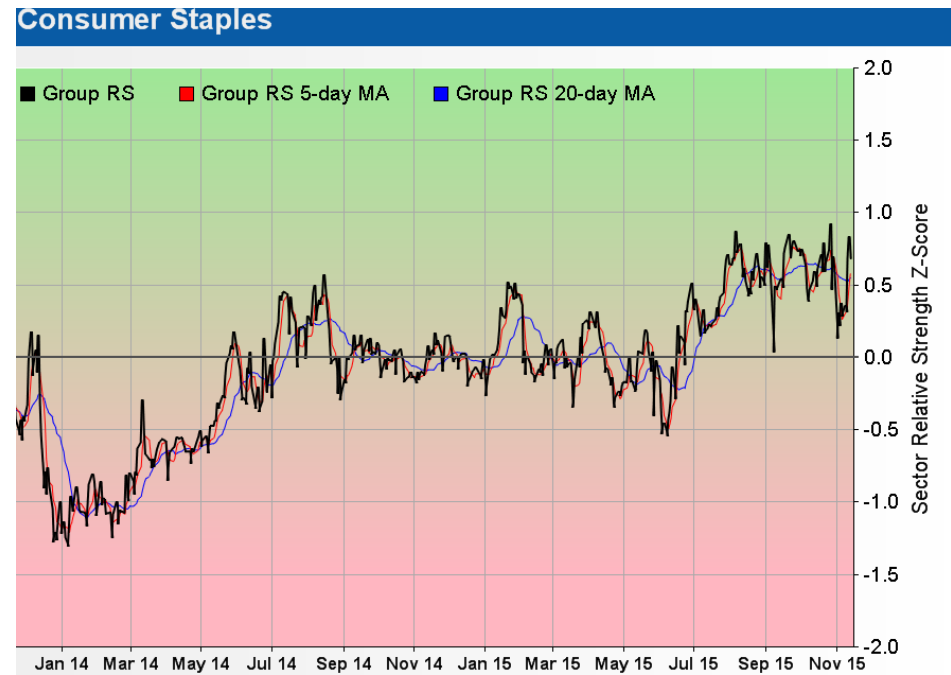
## U.S. SubIndustries vs. S&P 1500 Index (CD)

InetRtl 69%	AutoRtl 18%	Cabl&Sat 16%	HomeBld 13%	DeptStrs -1%	Aprl&Gds -10%	HhldApl -24%	CmrElec -44%
HmImpRtl 31%	HomeFurn 26%	Distrib 11%	ApparRtl 8%	Advert -2%	MotcyMfg -20%	SpecStors -15%	
Footwear 44%		Tire&Rub 17%	Hsware 4%	LeisPrd -4%	HmFrnsh -19%	Educat -43%	
Rstaurnt 20%		SpCmSrv 11%	Mov&Ent 4%	AutoParts -6%	Broadcast -25%	Cas&Gam -50%	
		Htl&Rsrt 9%	CmpElRtl 1%	CatalgRtl -11%	Publishing -13%		
			GMrchStrs 1%	AutoMfg -11%			
			LeisFcil -8%				

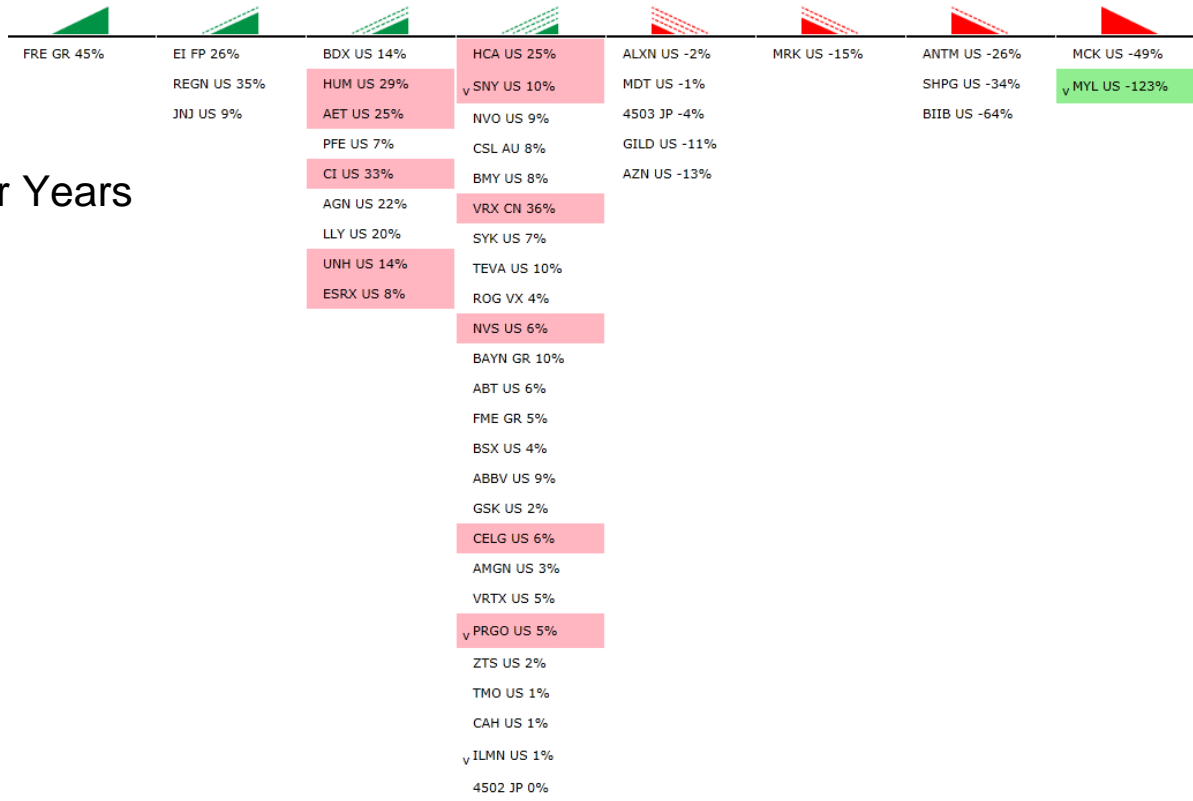
# Consumer Staples

- Tilted Towards Outperformance
- Recommend Buying This Pullback
- Expect Relative Strength Breadth Reading to Hit New High as Credit Continues to Trend Wider

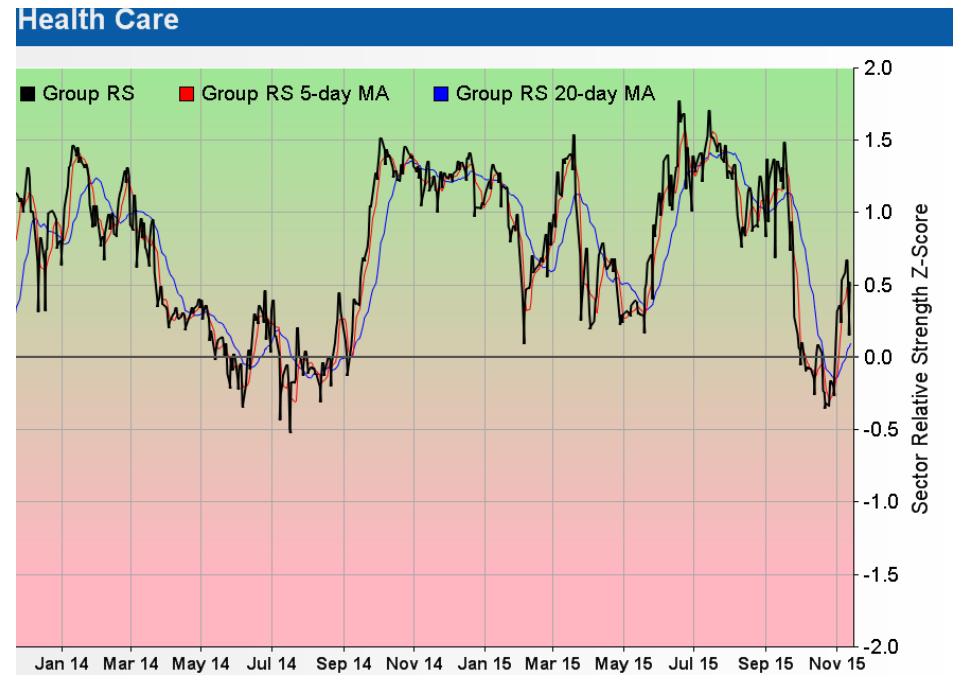
CLX US 49%	2269 JP 73%	IMT LN 22%	2587 JP 17%	NESN VX 0%	HEN3 GR -15%	TSCO LN -36%	288 HK -70%
DPS US 49%	8267 JP 57%	HEIA NA 23%	WN CN 15%	2914 JP 0%	8113 JP -39%	WMT US -42%	WFM US -79%
HRL US 54%	SCAB SS 41%	ATD/B CN 40%	CAG US 18%	OR FP -1%	CARLB DC -22%	MJN US -35%	
COST US 38%	BTI US 22%	L CN 21%	2502 JP 13%	SYU US -3%			
ABF LN 50%	GIS US 21%	4452 JP 27%	AH NA 9%	EL US -3%			
MO US 57%	KR US 22%	MNST US 25%	2802 JP 10%	HSY US -10%			
KMB US 34%	STZ US 33%	DEO US 11%	UN US 7%	WES AU -7%			
HEIO NA 38%	CL US 12%	CHD US 15%	TAP US 12%	RI FP -8%			
RB/ LN 35%	RAI US 36%	2503 JP 16%	CVS US 6%	WOW AU -9%			
PEP US 26%	3382 JP 26%	WBA US 20%	BN FP 5%	WIL SP -9%			
KYG ID 25%	CPB US 31%	BEI GR 13%	SJM US 5%	ADM US -13%			
MDLZ US 50%			CA FP 2%	PG US -8%			
TSN US 34%			SAB LN 3%				
PM US 27%			CCE US 2%				
BF/B US 37%			BUD US 1%				
K US 38%							
KO US 20%							



# Health Care



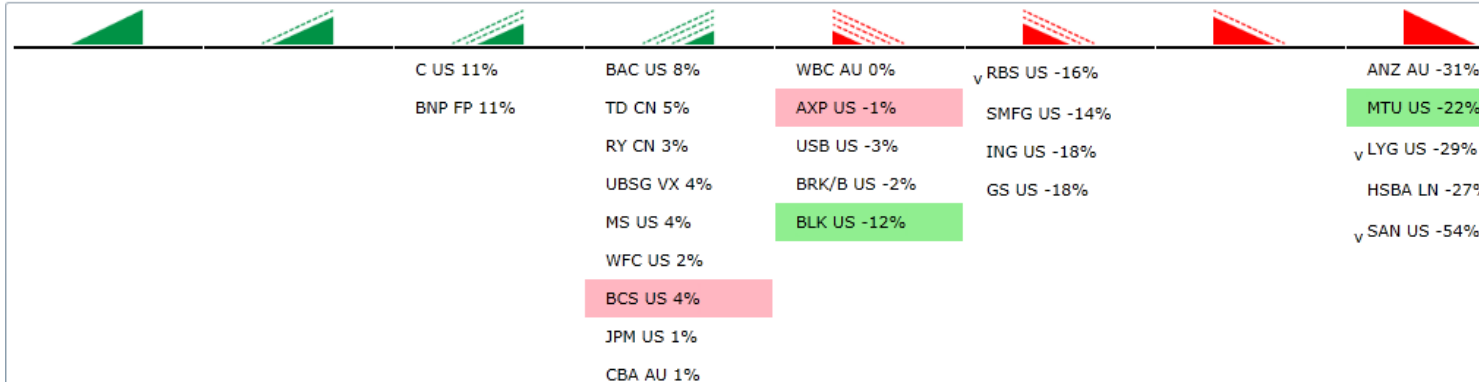
- Few Consistent Outperformers
- Has Cycled Between Positive and Neutral for Years
- Current “Time Out” Could Take Months



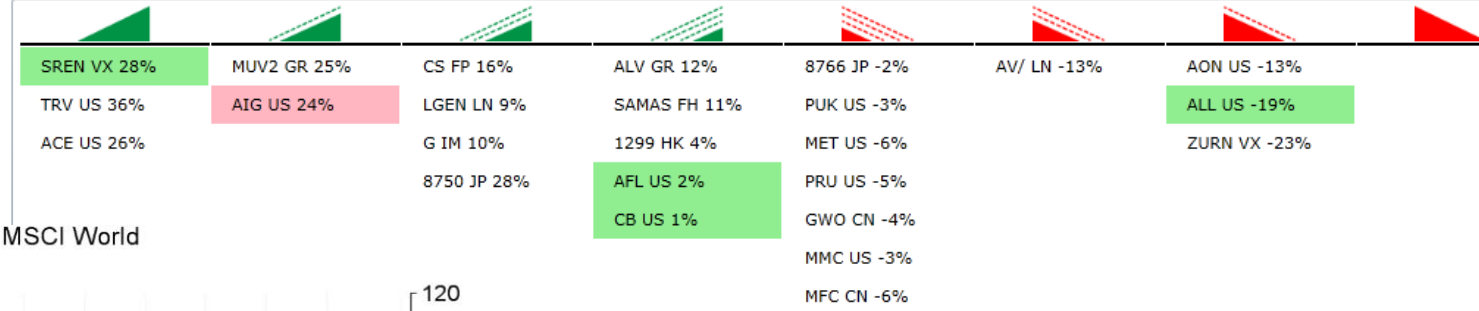
# Financials (ex Real Estate)

- Banks and Diversified Financials Tilted toward Underperformance
- Insurance Tilted Toward Outperformance

vs. MSCI World Lcl N (Custom Industry Selection)



vs. MSCI World Lcl N (Insurance)



MSCI World Financials vs. MSCI World



Name	Chg Last Day	Reward /Risk	Trend Slope	RS Hi (Mo)	RS Low (Mo)	1-day RS Chg(%)	5-day RS Chg(%)	%Chg wrt 50d RS MA	Chg wrt 50-d RS MA Trend	%Chg wrt 200d RS MA	Chg wrt 200-d RS MA Trend
Thriffs & Mortgage Finance vs. MSCI World	↓	↓	16%			-0.4%	-0.4%	-6.4%	Below Falling	-2.0%	Below Rising
Insurance vs. MSCI World		↑	4%	48.5		0.3%	0.9%	1.6%	Above Rising	2.5%	Above Rising
Capital Markets vs. MSCI World		↑	4%			-0.2%	-0.9%	0.6%	Above Falling	-1.0%	Below Rising
Consumer Finance vs. MSCI World		↑	-3%			0.1%	-1.4%	-1.6%	Below Falling	-2.5%	Below Falling
Diversified Financials vs. MSCI World		↑	-4%	1.5		0.0%	0.2%	0.5%	Above Rising	0.3%	Above Rising
Banks vs. MSCI World		↓	-14%			0.1%	0.4%	-0.2%	Below Falling	-2.0%	Below Falling

# Real Estate

- Tilted Toward Outperformance
- Recommend Buying Pullback in REITs for Their Interest Sensitivity

PSA US 60%	O US 32%	BAM/A CN 14%	UDR US 13%	8801 JP -3%	SGP AU -11%	20 HK -32%	16 HK -52%
EQIX US 49%	REG US 28%	EXR US 26%	VNA GR 24%	INTU LN -4%	CBG US -12%		17 HK -54%
FRT US 33%	UL NA 28%	LAND LN 14%	ESS US 14%	REI-U CN -4%	GLP SP -19%		
KIM US 40%	WFD AU 39%	DWNI GR 28%	GPT AU 11%	1878 JP -5%	4 HK -26%		
v SPG US 41%	BRX US 25%	v GGP US 13%	GFC FP 5%	CAPL SP -6%	HST US -21%		
EQR US 32%	DLR US 31%	MAC US 14%	VNO US 6%	NLY US -7%	IRM US -30%		
PLD US 30%	DRE US 27%	BLND LN 12%	823 HK 6%	8952 JP -5%	8830 JP -23%		
1925 JP 38%	CCI US 20%	SLG US 13%	BXP US 3%	HCP US -11%	19 HK -15%		
SCG AU 27%	AMT US 18%		HMSO LN 4%	8802 JP -6%	1972 HK -22%		
AVB US 34%	FDR FP 21%		VER US 2%	83 HK -8%			
	LI FP 21%		CPT US 3%	PCL US -7%			
			GMG AU 2%	8951 JP -10%			
			JLL US 2%	VTR US -11%			
			VCX AU 0%	AGNC US -11%			
				WY US -7%			
				HCN US -14%			
				101 HK -18%			
				RLGY US -15%			
				12 HK -13%			



Name	Wgt (%)	Chg Last Day	Reward /Risk	Trend Slope	RS Hi (Mo)	RS Low (Mo)	1-day RS Chg(%)	5-day RS Chg(%)	%Chg wrt 50d RS MA	Chg wrt 50-d RS MA Trend
Specialized REITs vs. S&P 1500	0.9%			20%			0.8%	0.1%	1.4%	Above Rising
Retail REITs vs. S&P 1500	0.8%			25%			0.4%	-2.5%	-0.9%	Below Rising
Industrial REITs vs. S&P 1500	0.1%			23%			0.7%	-2.1%	-0.2%	Below Rising
Diversified REITs vs. S&P 1500	0.1%			13%			0.0%	-3.2%	-1.9%	Below Rising
Real Estate Development vs. S&P 1500	0.0%			15%		2.0	-2.1%	-3.1%	-5.9%	Below Falling
Residential REITs vs. S&P 1500	0.5%			11%			0.7%	0.2%	-0.9%	Below Rising
Office REITs vs. S&P 1500	0.4%			5%			0.5%	-1.0%	-0.1%	Below Rising
Health Care REITs vs. S&P 1500	0.3%			-17%			1.5%	-4.4%	-9.6%	Below Falling
Real Estate Services vs. S&P 1500	0.1%			-15%			-0.6%	-1.2%	1.4%	Above Rising
Diversified Real Estate Activities vs. S&P 1500	0.0%			-22%			-1.0%	-2.6%	-0.8%	Below Rising
Hotel & Resort REITs vs. S&P 1500	0.1%			-24%			0.4%	-1.1%	-1.9%	Below Falling

# Technology

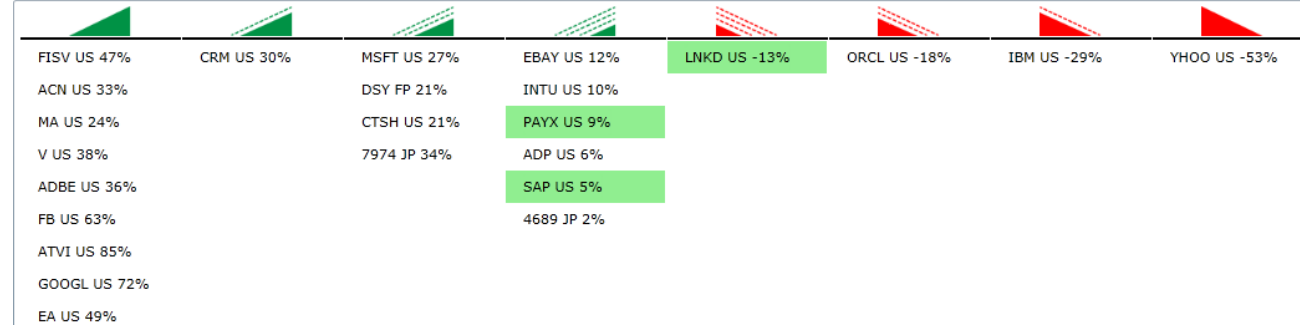
- Breadth Cycles Between Positive & Neutral
  - Recommend Trimming Overbought Stocks
- Software Stacked Toward Outperformance



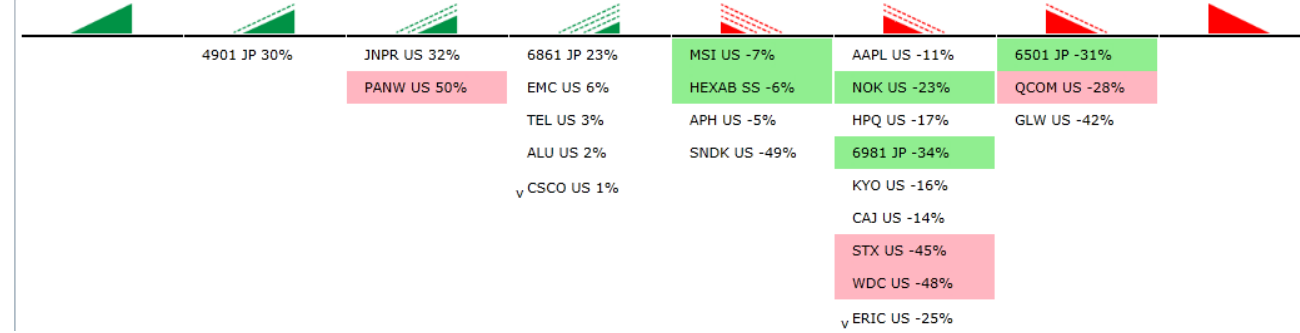
## Information Technology



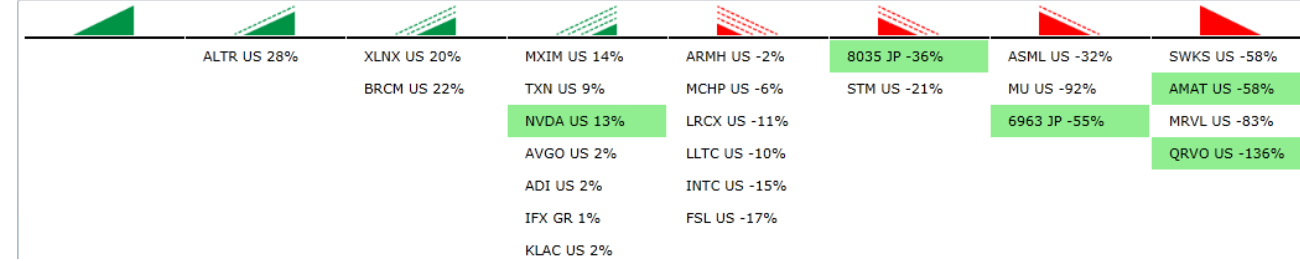
### vs. MSCI World Lcl N (Software And Services)



### vs. MSCI World Lcl N (Technology Hardware And Equipment)

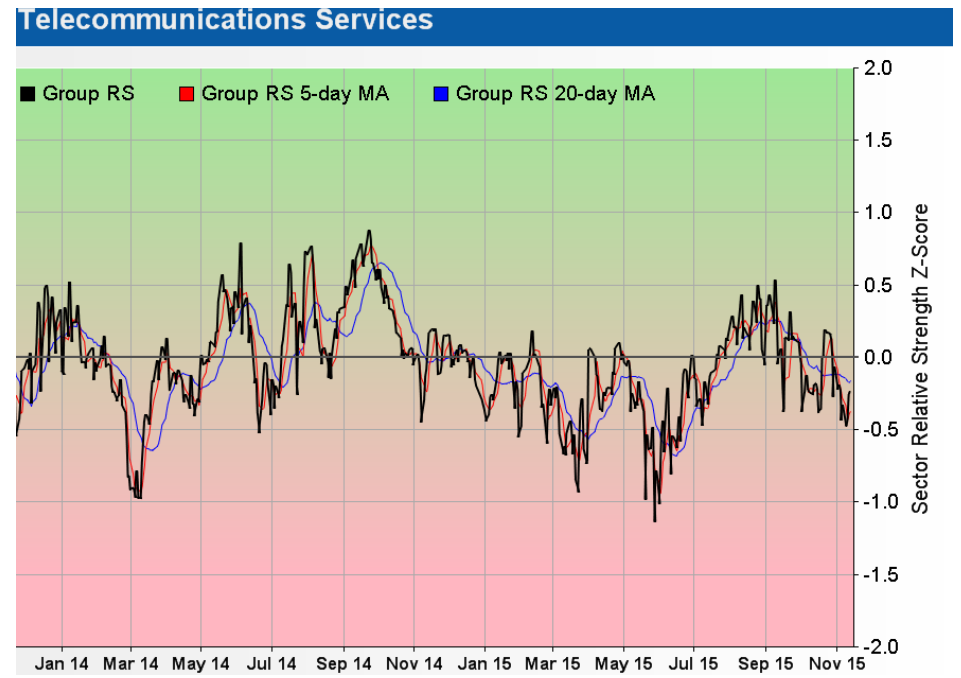
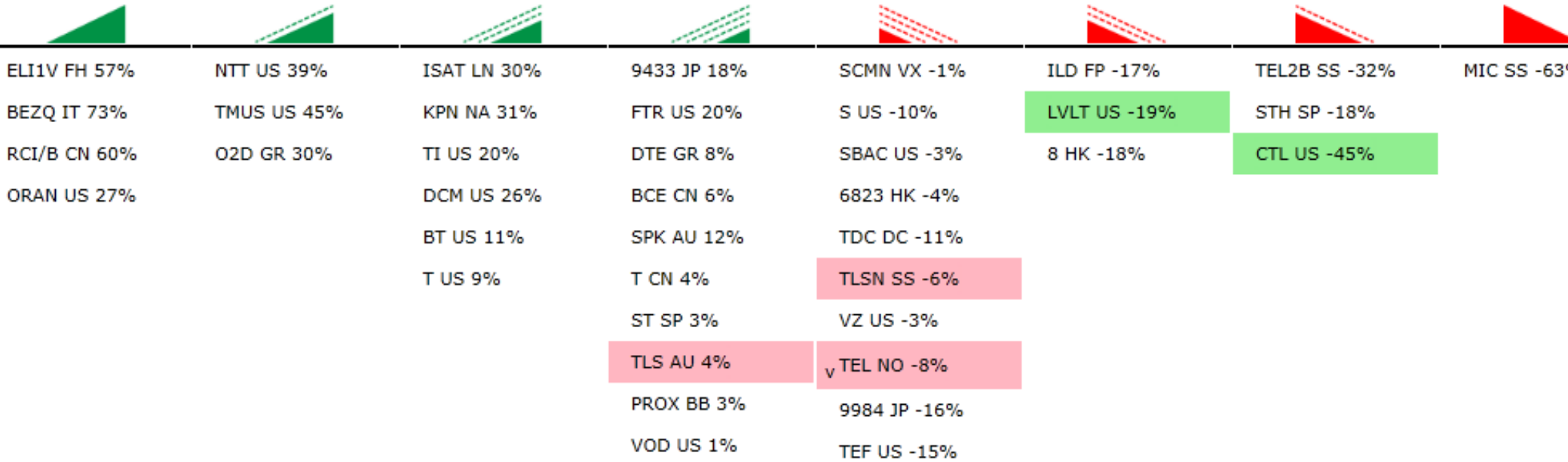


### vs. MSCI World Lcl N (Semiconductors And Semiconductor Equipment)



# Telecommunication Services

- More Noise Than Signal

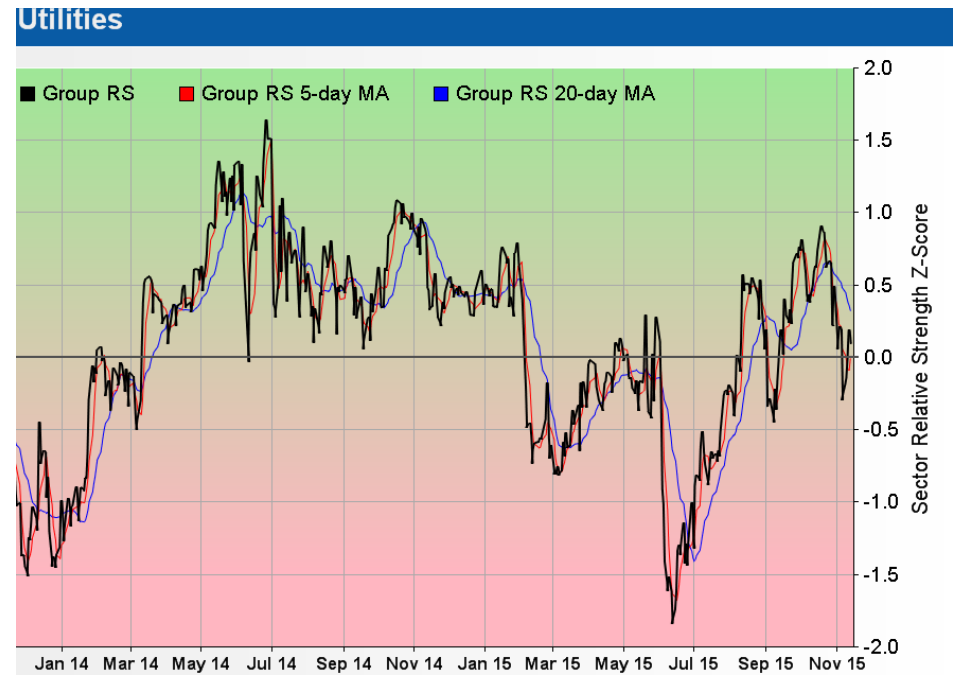




# Utilities

- Tilted Toward Outperformance
- Recommend Buying Pullback for Interest Sensitivity

ELE SM 59%	DTE US 33%	PPL US 26%	SSE LN 10%	2 HK 0%	ETR US -15%	CNA LN -34%	FUM1V FH -43%
VIE FP 46%	FTS CN 26%	9501 JP 74%	1038 HK 16%	DUK US 0%	9531 JP -24%		
SCG US 43%	ES US 32%	SO US 23%	REE SM 12%	WEC US -1%	ENGI FP -19%		
IBE SM 22%	9503 JP 61%	EGPW IM 19%	9502 JP 13%	3 HK -1%	EDF FP -30%		
TRN IM 27%	SRG IM 17%	PCG US 19%	PEG US 10%	EXC US -9%			
	NGG US 24%	AEP US 14%	SEV FP 3%	SRE US -6%			
		ENEL IM 9%	AWK US 8%	FE US -10%			
			CMS US 8%	EOAN GR -33%			
			UU/ LN 6%	GAS SM -10%			
			XEL US 6%				
			EDP PL 3%				
			ED US 5%				
			NEE US 3%				
			6 HK 1%				
			AEE US 1%				
			EIX US 1%				
			D US 1%				





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Hold	Market Perform	54.3%	11.3%	42.7%	51.8%	40.9%	40.0%
Sell	Underperform	3.5%	11.1%	2.7%	3.9%	2.2%	5.4%

\* Reflects rating distribution of all companies covered by BMO Capital Markets Corp. equity research analysts.

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