

Market Review

Bob Krishfield

Jan 2019

bobkrish22@gmail.com

Topics Today

- Markets
 - Recent Market Actions
 - Dealing with Volatility
 - Leveraged ETFs
 - Pros and Cons
 - Backtest Results



Can You Handle Volatility in the Markets?

*“When the Music Plays too Fast to Dance,
it’s Time to Sit It Out.”*

S&P 500 - Bounce from Dec Drop



What Happened in Dec?

- Too Many Worries for Market to Handle
 - China Trade War No Progress Impacting US Companies
 - Fear of Global Economic Slowdown and Recession
 - Slowdown in Earnings Growth (from 22% last year to 8%)
 - Uncertainty of BREXIT Impact on EU Economy
 - Fed Rate Increases Taking Liquidity From Markets
- 10 Year Bull Market Overdue for Correction
 - Valuations Too High for New Positions
- Volatility in Equities Take Away Easy Profits
 - Many Investors Seek Shelter in Cash & Bonds Rather than Play the Market

Too Much Bad News

The stock market is on pace for its worst December since the Great Depression

Michael Sheetz | @thesheetztweetz

Published 4:24 PM ET Mon, 17 Dec 2018 | Updated 3:56 PM ET Tue, 18 Dec 2018



Dow plunges, now stock market faces worst December since 1931

By Alex Veiga The Associated Press

Updated December 24, 2018 - 3:51 pm



MarketWatch

The stock market just booked its ugliest Christmas Eve plunge — ever

Published: Dec 24, 2018 2:32 p.m. ET

Dow slide deepens as shadow of bear market hovers over battered stock market

'Worst Christmas Eve' in US stock market history

BUSINESS

US stock market suffers worst week in nearly a decade

By Carleton English

December 21, 2018 | 4:19pm

Stock markets slide toward worst December since 1931

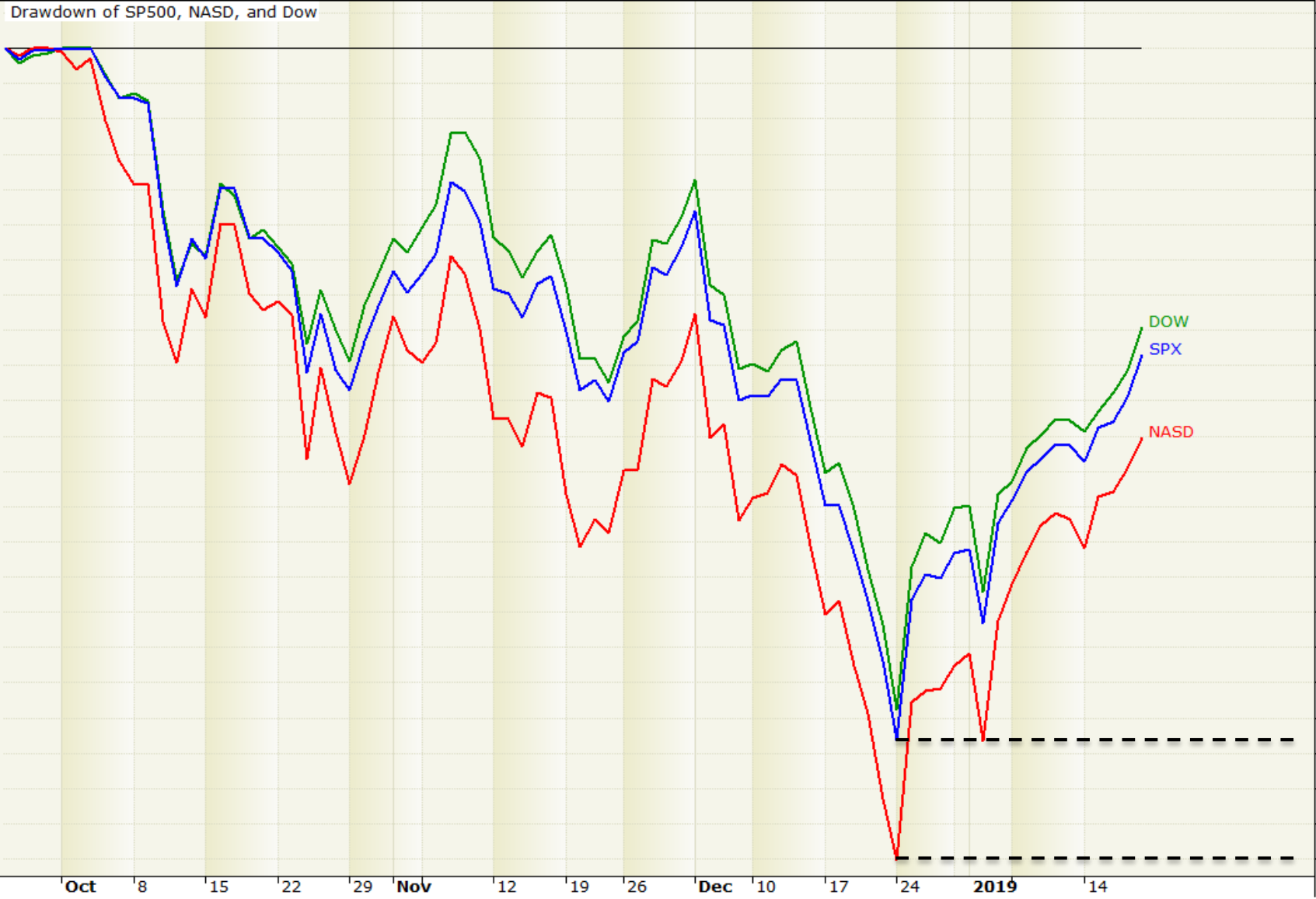
Dow's worst week since 2008 financial crisis; Nasdaq closes in bear market



By David Goldman, CNN Business

Updated 4:30 PM ET, Fri December 21, 2018

Drawdowns of Major Indexes



Created with AmiBroker - advanced charting and technical analysis software. <http://www.amibroker.com>
Jan 2019

1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
-18
-19
-20
-21
-22
-23

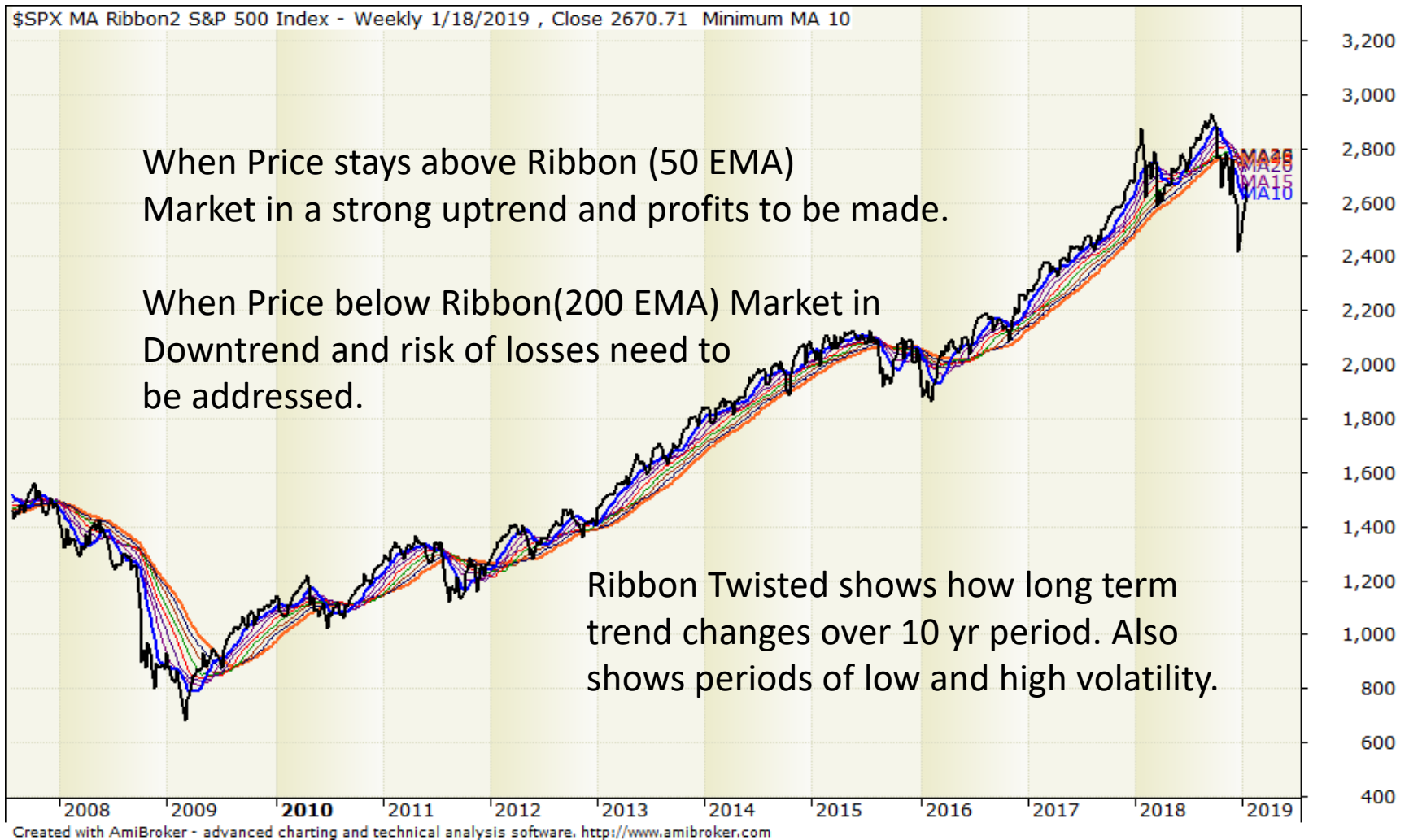
Simple Analysis Tool for Long Term Trends

SP500 Ribbon in 2008-2011

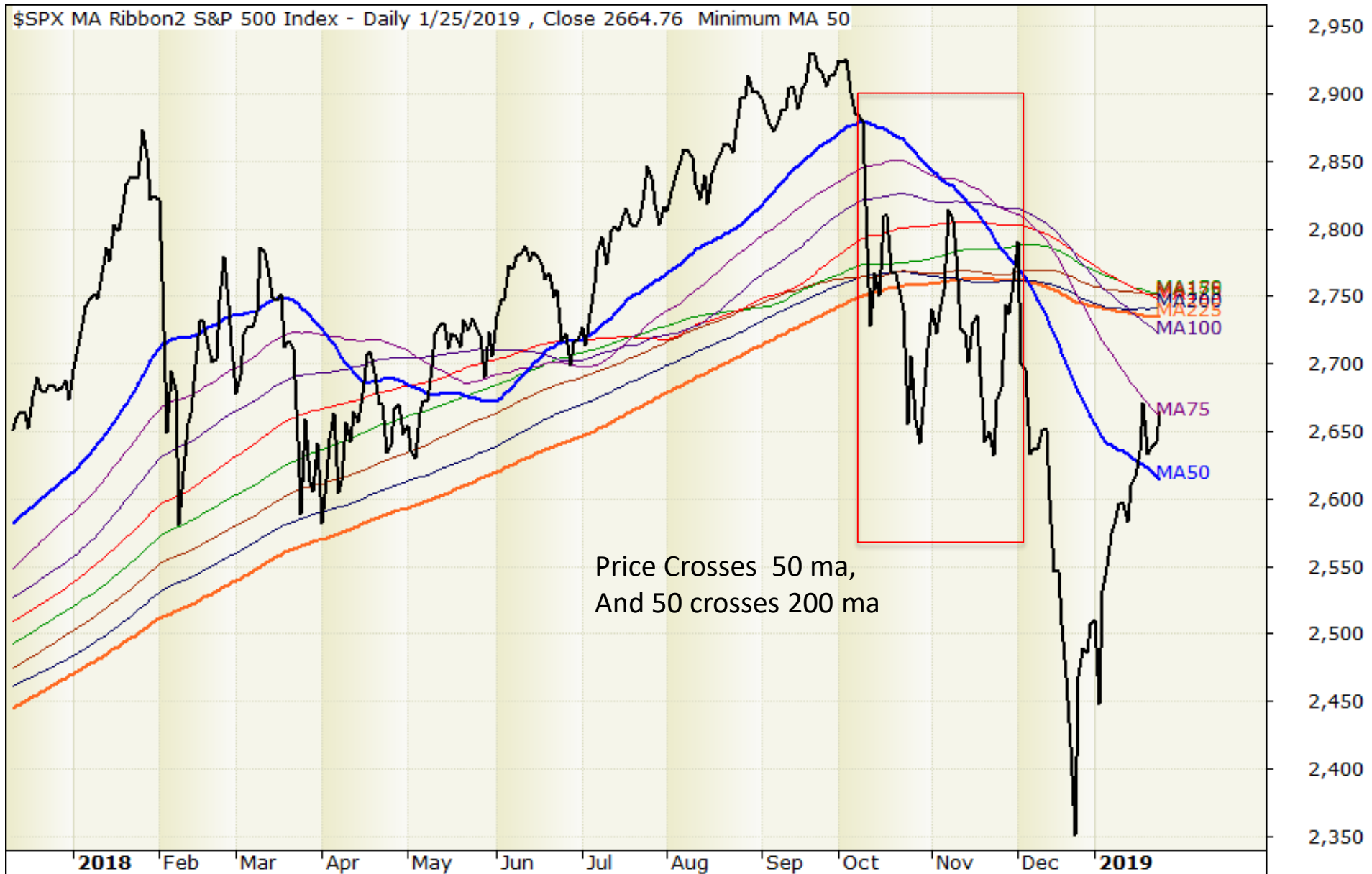


Concept from: Ciovacco Capital Management

SP500 Weekly Ribbon in 2008-2019



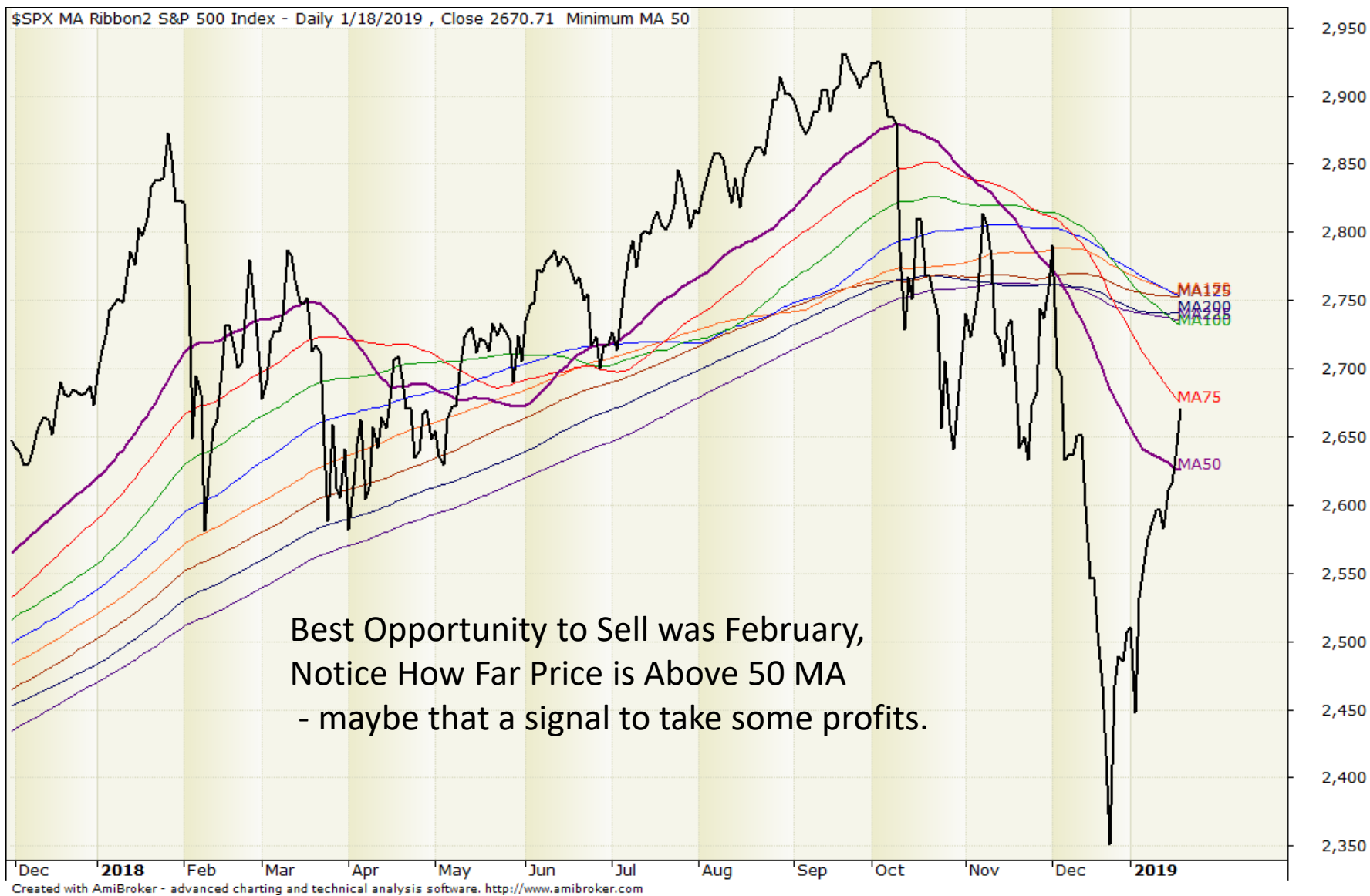
SP500 Daily with Ribbons



SP500 Daily with Ribbons



SP500 Ribbon Didn't Deteriorate Until Dec



What's Next – Bullish?

Analysis by Chris Ciovacco, Ciovacco Capital Management

2016 BULLISH



COMPARE CURRENT WITH PAST BULLISH CASES

Similar or Not?

2019 TBD



GENERIC MAs

- MA(50) 2635.96
- MA(75) 2699.62
- MA(100) 2746.31
- MA(125) 2762.13
- MA(150) 2761.28
- MA(200) 2741.86

1998 BULLISH



2011 BULLISH



2016 BULLISH



What's Next – Bearish?

Analysis by Chris Ciovacco, Ciovacco Capital Management

COMPARE CURRENT WITH PAST BEARISH CASES

Similar or Not?

2019 TBD 11 TRADING DAYS AFTER PLUNGE LOW



GENERIC MAS

- MA(50) 2635.36
- MA(75) 2698.62
- MA(100) 2746.31
- MA(125) 2762.13
- MA(150) 2761.28
- MA(200) 2741.06

2008 BEARISH 11 TRADING DAYS AFTER PLUNGE LOW



2015 BEARISH 11 TRADING DAYS AFTER PLUNGE LOW



2001 BEARISH 11 TRADING DAYS AFTER PLUNGE LOW



2008 BEARISH 11 TRADING DAYS AFTER PLUNGE LOW



Fear Of Missing Out (FOMO) – Bad Choice

Analysis by Chris Ciovacco, Ciovacco Capital Management

THIS IS WHAT OCT 26, 2001 LOOKS LIKE



THIS IS WHAT JAN 17, 2019 LOOKS LIKE



Jan 2019

NOT A PREDICTION OF 2019 OUTCOME
 NOT TAKING A BEARISH STANCE
 WE ARE NOT BEARISH

SIMPLY ACKNOWLEDGING THE UNCERTAINTY RELATED TO **CURRENT** PROFILE

**V-BOTTOM CASE WITH NO RETEST
 EVENTUALLY LED TO MASSIVE LOSSES**



**PATIENT, PRUDENT, MEASURED,
 AND DATA DEPENDENT**

**B
 ADDITIONAL
 LOSS OF
 34.47%**

Market Review

14

Fear Of Missing Out (FOMO) – Bad Choice

Analysis by Chris Ciovacco, Ciovacco Capital Management

THIS IS WHAT OCT 26, 2001 LOOKS LIKE



THIS IS WHAT JAN 17, 2019 LOOKS LIKE



Jan 2019

NOT A PREDICTION OF 2019 OUTCOME

NOT TAKING A BEARISH STANCE

WE ARE NOT BEARISH

➤ SIMPLY ACKNOWLEDGING THE UNCERTAINTY RELATED TO CURRENT PROFILE

**V-BOTTOM CASE WITH NO RETEST
EVENTUALLY LED TO MASSIVE LOSSES**



**PATIENT, PRUDENT, MEASURED,
AND DATA DEPENDENT**

**B
ADDITIONAL
LOSS OF
34.47%**

Market Review

15

Fear Of Missing Out (FOMO) – Bad Choice

Analysis by Chris Ciovacco, Ciovacco Capital Management

**200-DAY
S&P 500 INDEX**

**PATIENT, PRUDENT, MEASURED,
AND DATA DEPENDENT**

2009



B

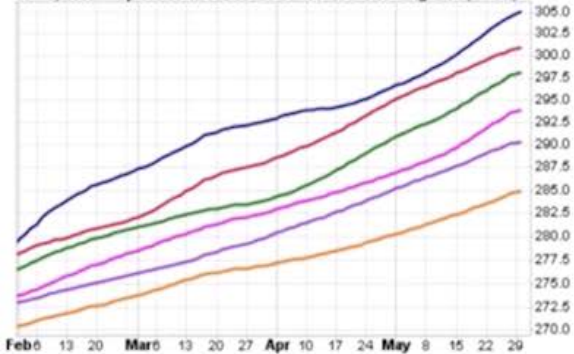
52.55%

Patterns Safe for Re-Entry

Analysis by Chris Ciovacco, Ciovacco Capital Management

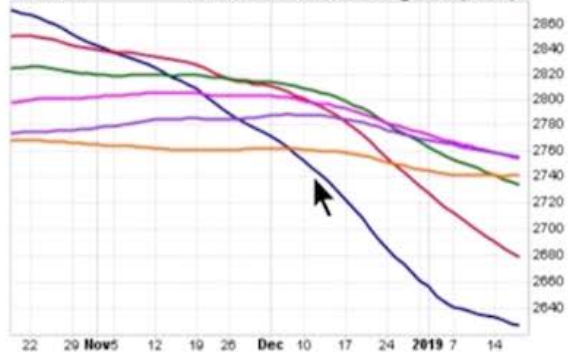
MUCH MORE FAVORABLE RISK-REWARD PROFILE

SPX S&P 500 Large Cap Index: INDX © StockCharts.com
30-May-1989 Op 319.05 Hi 322.53 Lo 317.83 Cl 319.05 Chg -2.54 (-0.79%) ▾



THIS IS WHAT JAN 17, 2019 LOOKS LIKE

SPX S&P 500 Large Cap Index: INDX © StockCharts.com
17-Jan-2019 Close 2635.96 Volume 2.3B Chg +19.86 (+0.76%) ▲



GAIN FROM A TO B WAS 508%

SPX S&P 500 Large Cap Index: INDX © StockCharts.com
24-Mar-2000 Open 1527.35 High 1553.11 Low 1516.85 Last 1527.46 Volume 1.5B Chg +0.11 (+0.01%) ▲



Patterns Safe for Re-Entry

Analysis by Chris Ciovacco, Ciovacco Capital Management

MUCH MORE FAVORABLE RISK-REWARD PROFILE



THIS IS WHAT JAN 17, 2019 LOOKS LIKE



Wait for Ribbon to Turn Around and Incrementally Phase Back In. If Ribbon Begins to Turn, You're Only Partially Committed

IF GOOD THINGS HAPPEN, DATA WILL IMPROVE

GAIN FROM A TO B WAS 508%



A

THIS IS WHAT A MORE SUSTAINABLE BASE LOOKS LIKE

When Is The Next Bottom

SOURCE: NED DAVIS RESEARCH

Similar price action to the last five days came during 1962, 2002, & 2015 bear markets.

2018

2015

2002

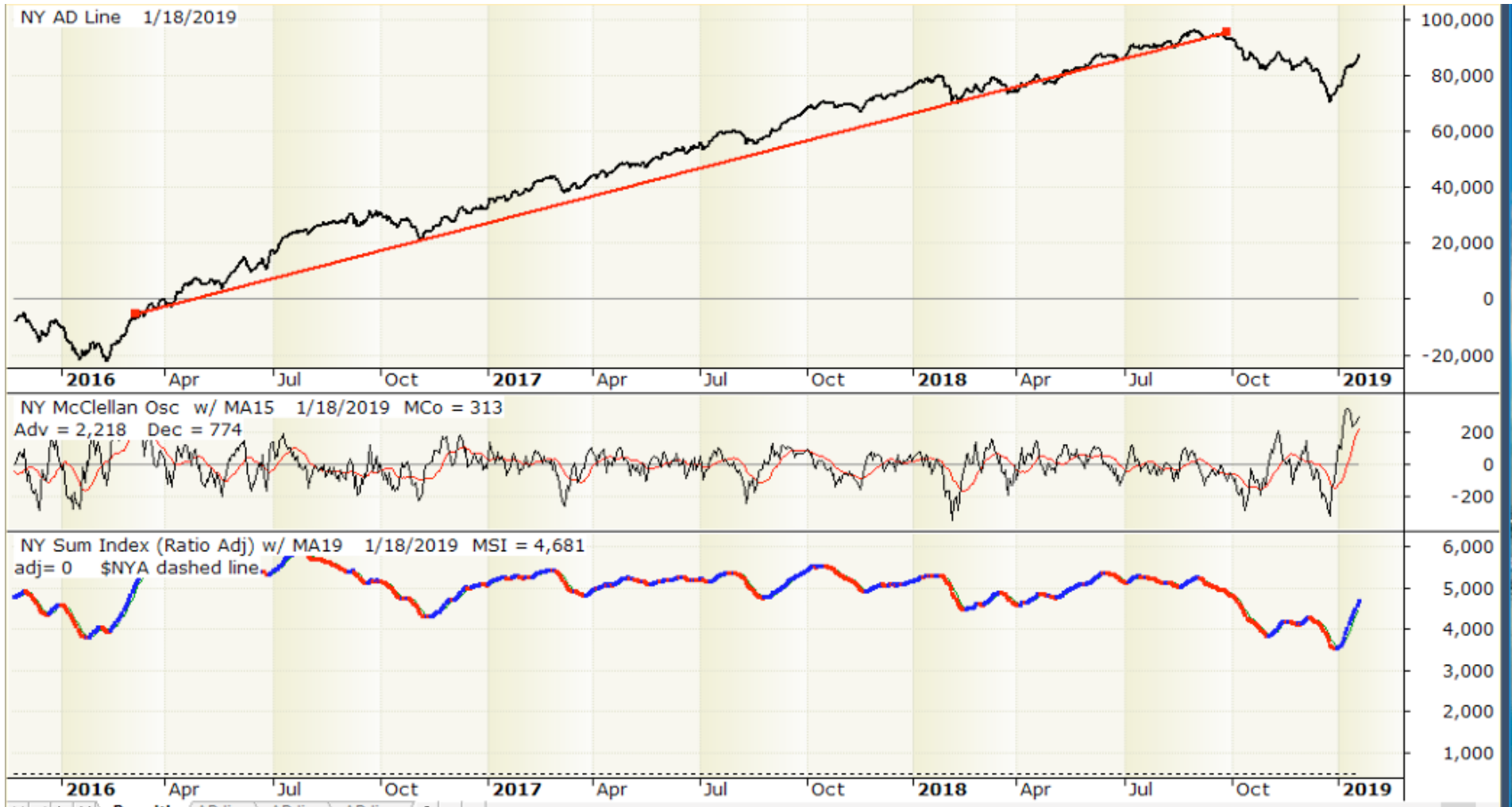
1962



Conclusions from Ribbon Charts

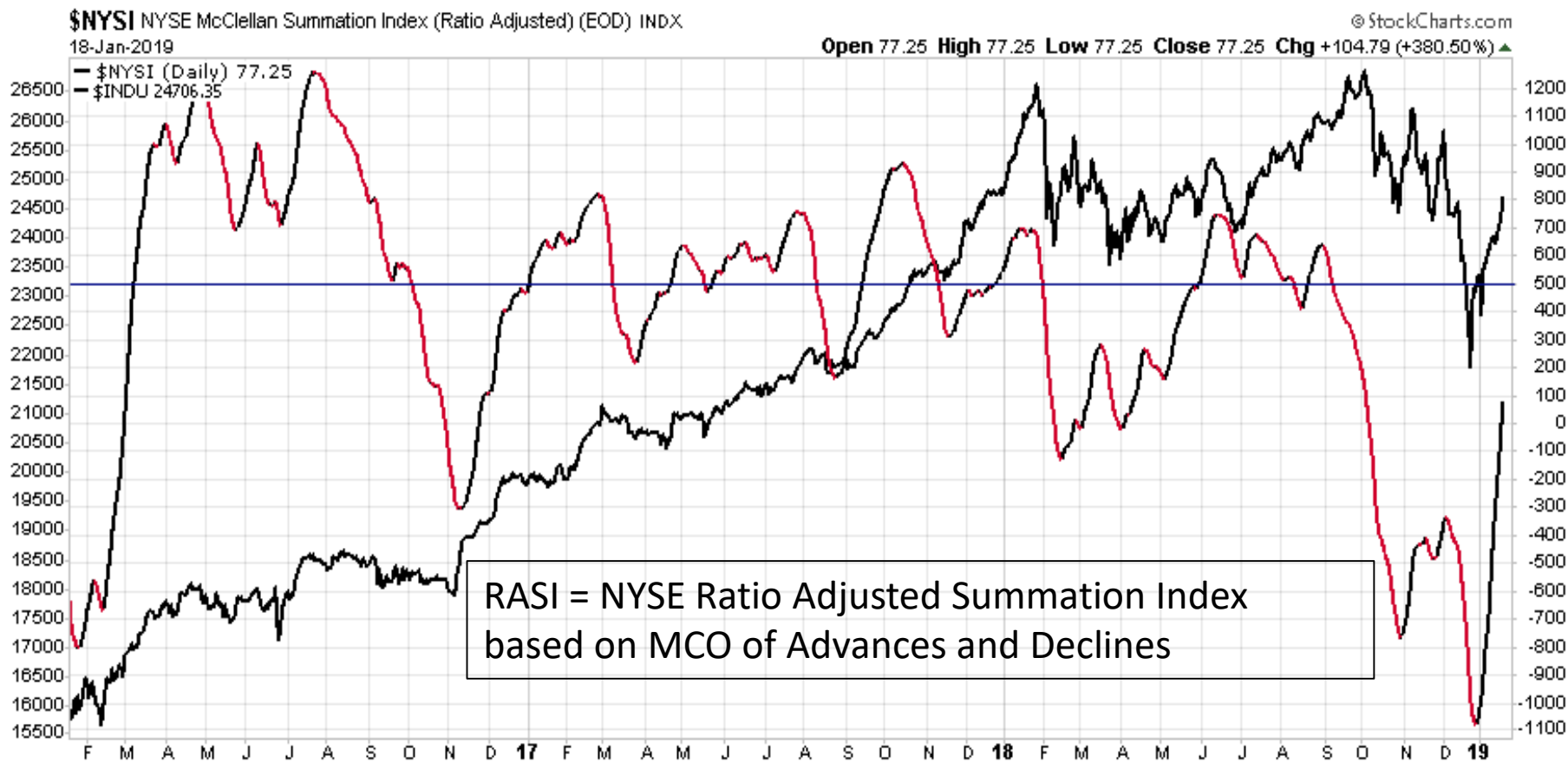
- Analysis of Ribbon Patterns helpful to compare with past situations and how those situations turned into Bullish Trends or Bearish Trends.
 - It appears right now, that the Market could go either way over the next few months.
 - SP500 has retraced over 50% from Oct High Drop to Dec Bottom which usually means next week or two, it will reverse and maybe retest the Dec Lows.
 - The next 4 – 8 weeks will give us a better sense of what direction the market will take, and which of the patterns will become the one to follow.
- It's time to sharpen out plans for any asset reallocation, rebalancing, or risk reduction (hedging).

NYSE AD Line – Rising Since 2019



What Does It Take to Recover?

According to Tom McClellan - Above 500, Market is Immune to Bear Mkt. Up move on RASI can mean Recovery (above 500), a go/no-go for a sustained uptrend. Falling short of 500 means market has liquidity problems and stock rallies are under-funded.



S&P 500 %Bullish Major 1 Month Recovery

\$BPSPX S&P 500 Bullish Percent Index INDX

18-Jan-2019

© StockCharts.com

Open 43.20 High 47.80 Low 43.20 Close 47.80 Chg +4.60 (+10.65%) ▲



Dow Retraced above 50%



Dow Weekly – Consolidation, Now Down



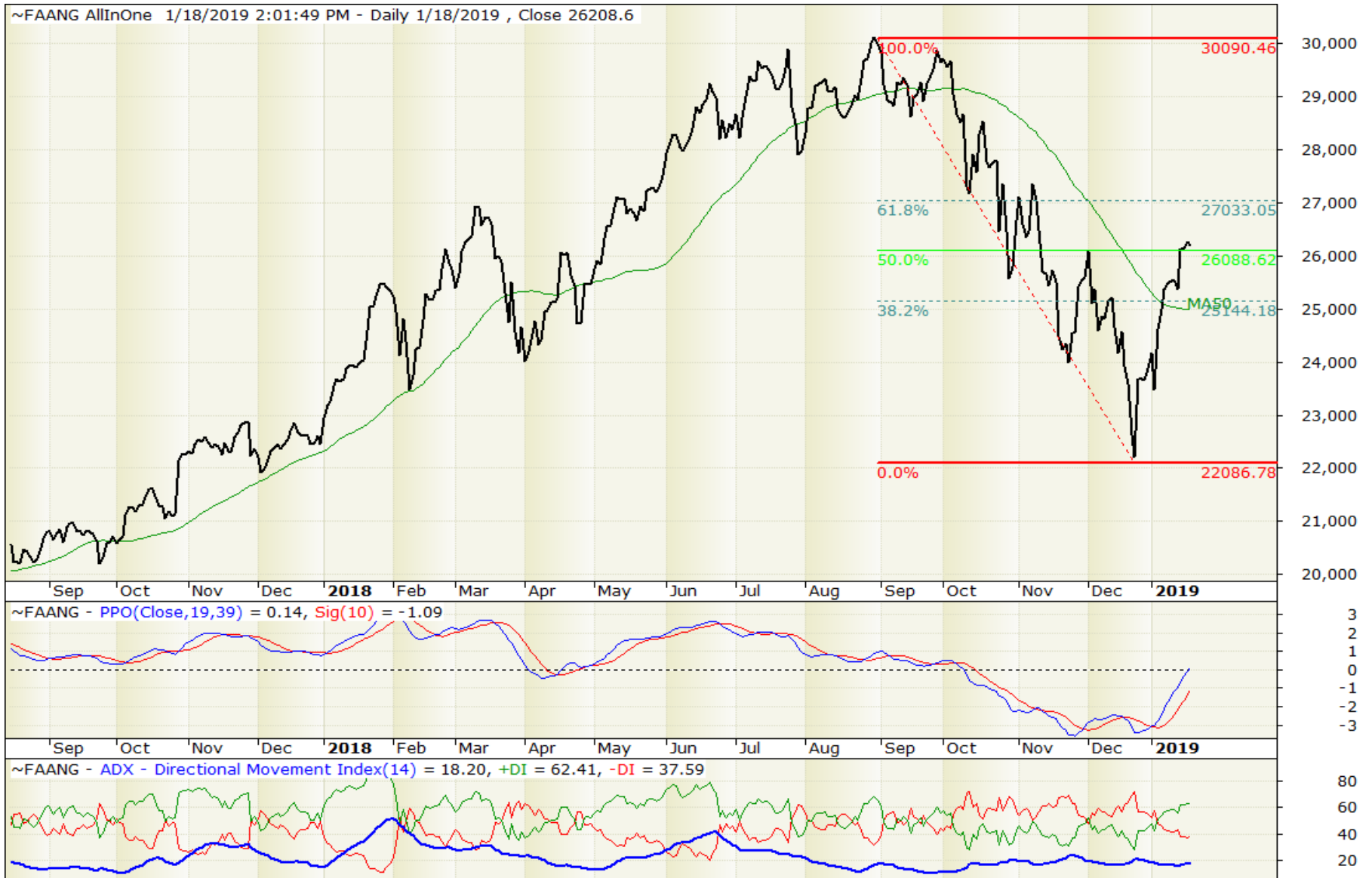
NASDAQ Weekly– In Downtrend



Russell 1000 Weekly – Shows A Downtrend

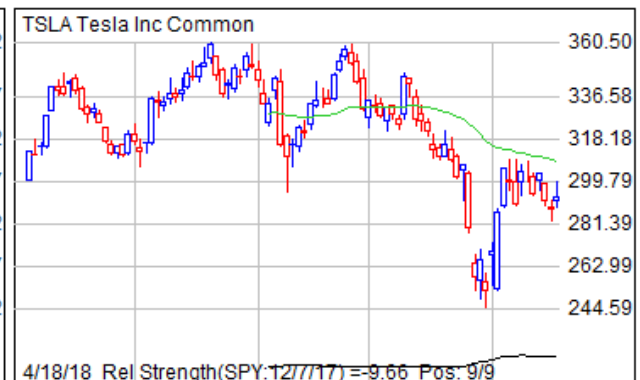
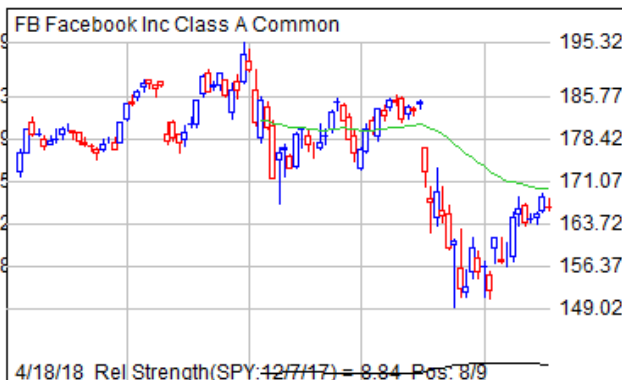
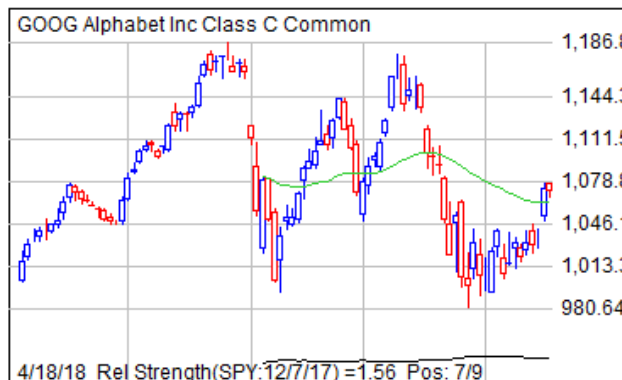
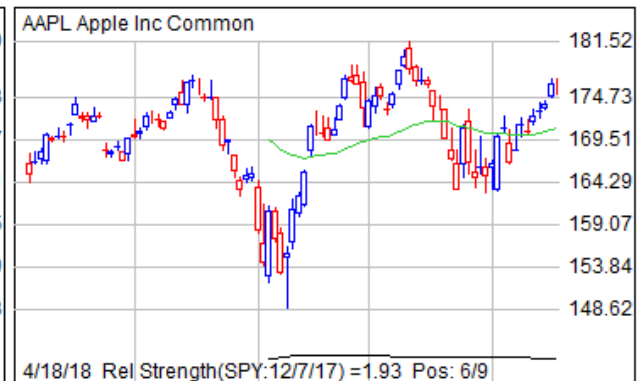
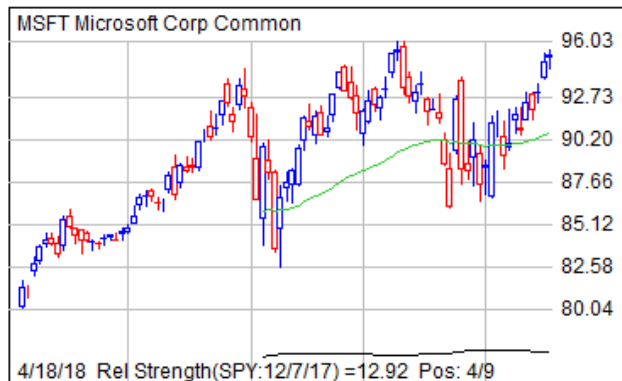
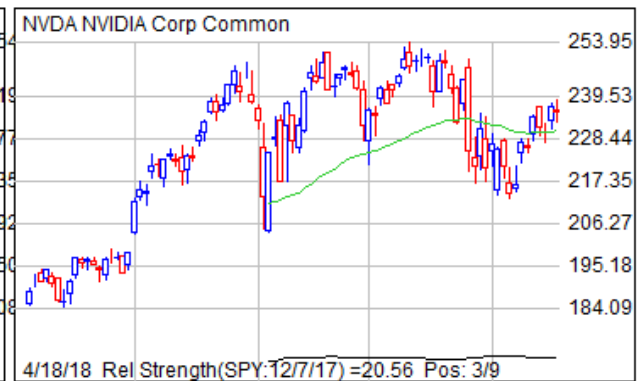
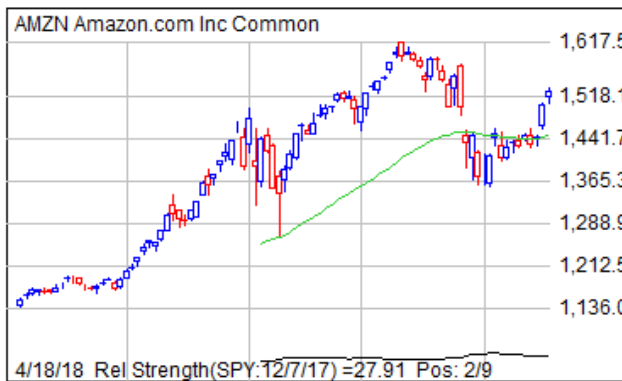
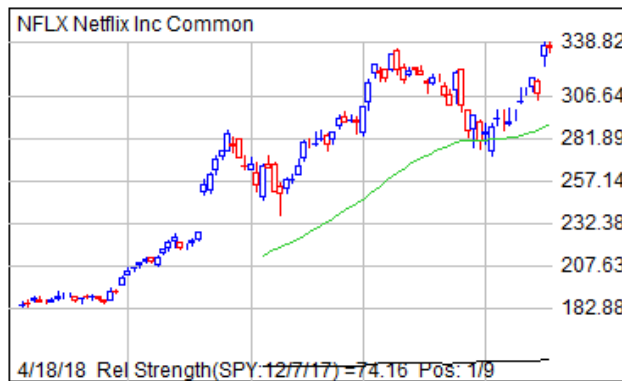


FAANG Stocks (composite) at 50% Recovery

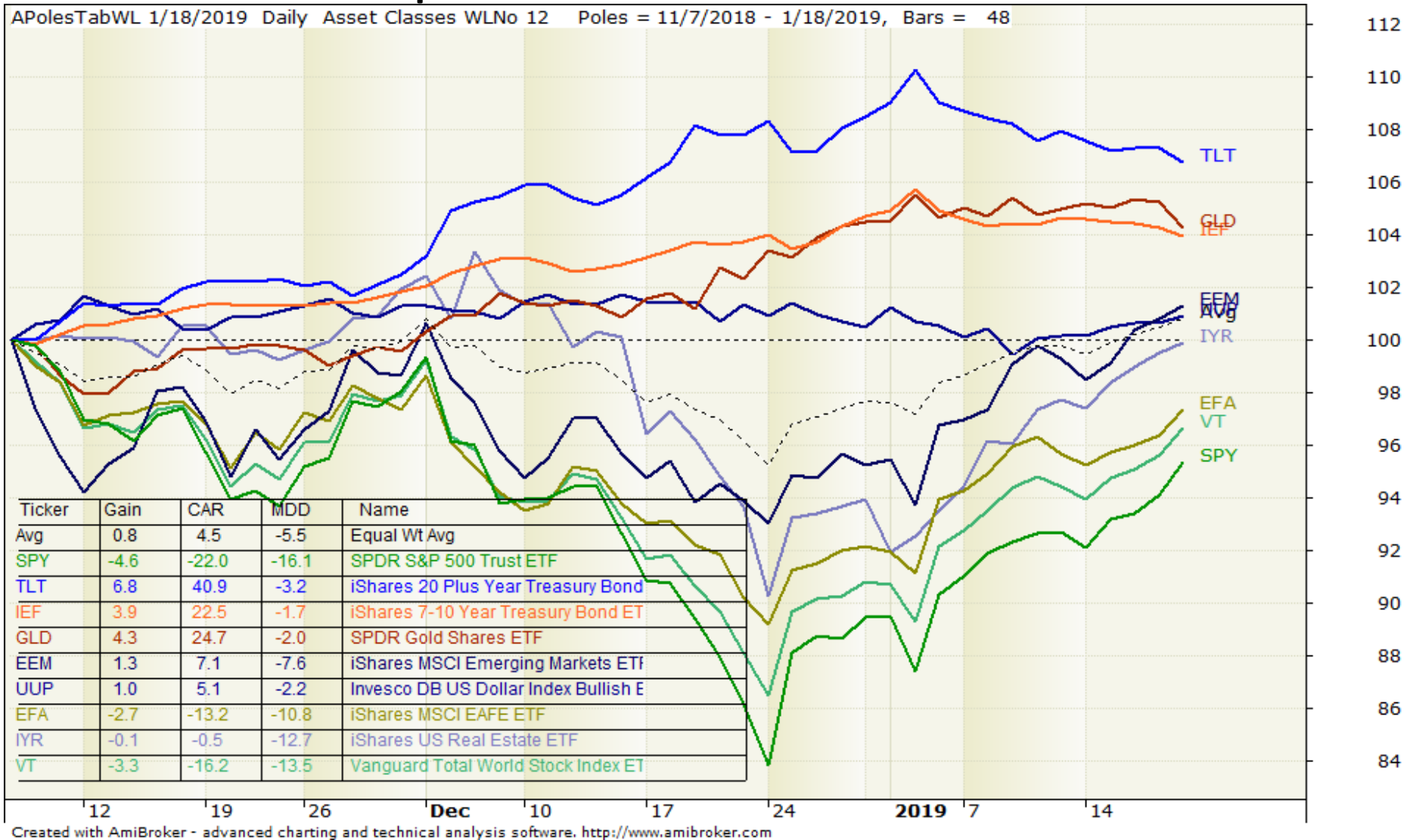


Created with AmiBroker - advanced charting and technical analysis software. <http://www.amibroker.com>

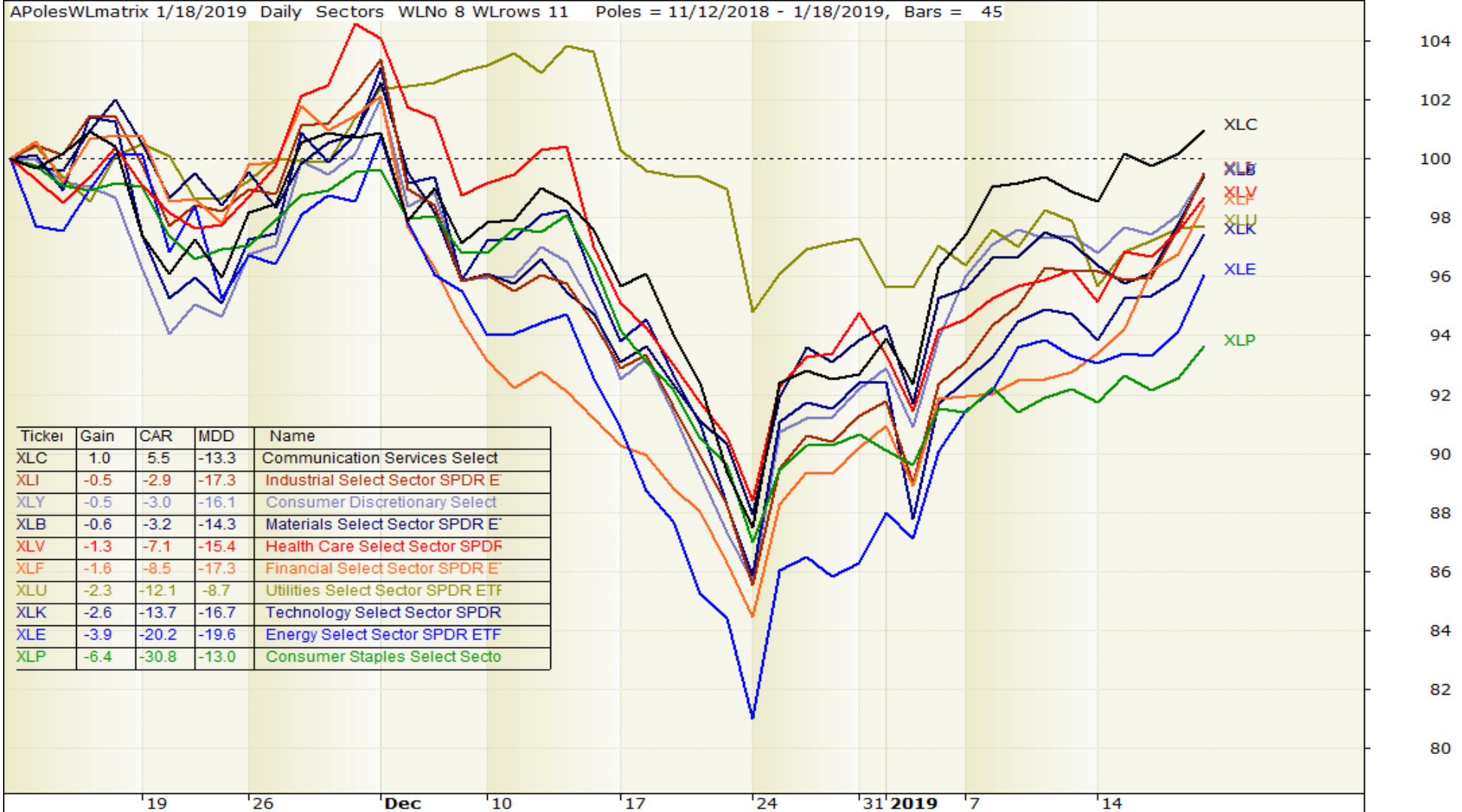
FAANG Stocks (composite) at 50% Recovery



Comparison of Asset Classes

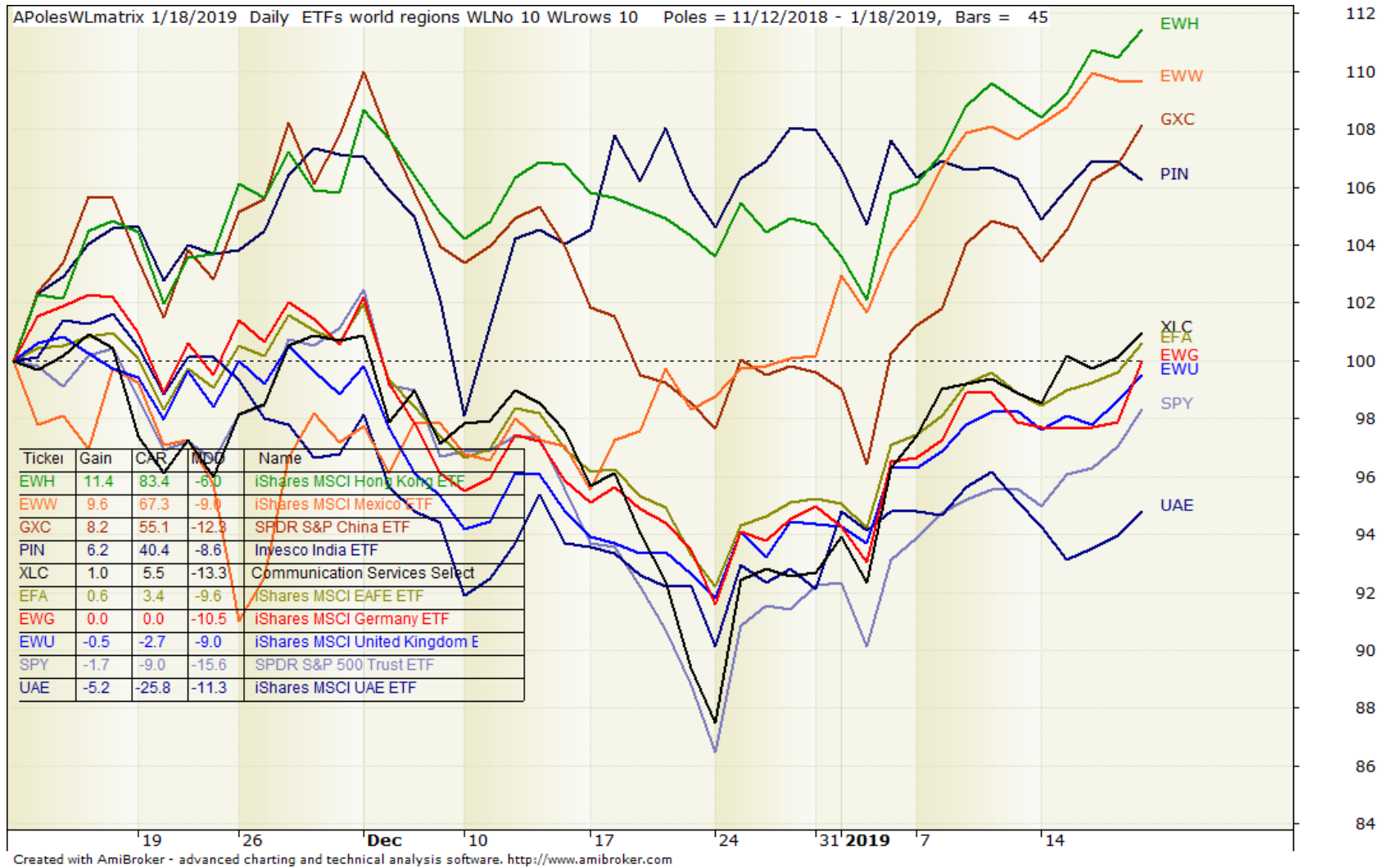


Comparison of Sectors



Created with AmiBroker - advanced charting and technical analysis software. <http://www.amibroker.com>

Comparison of World Market Performance



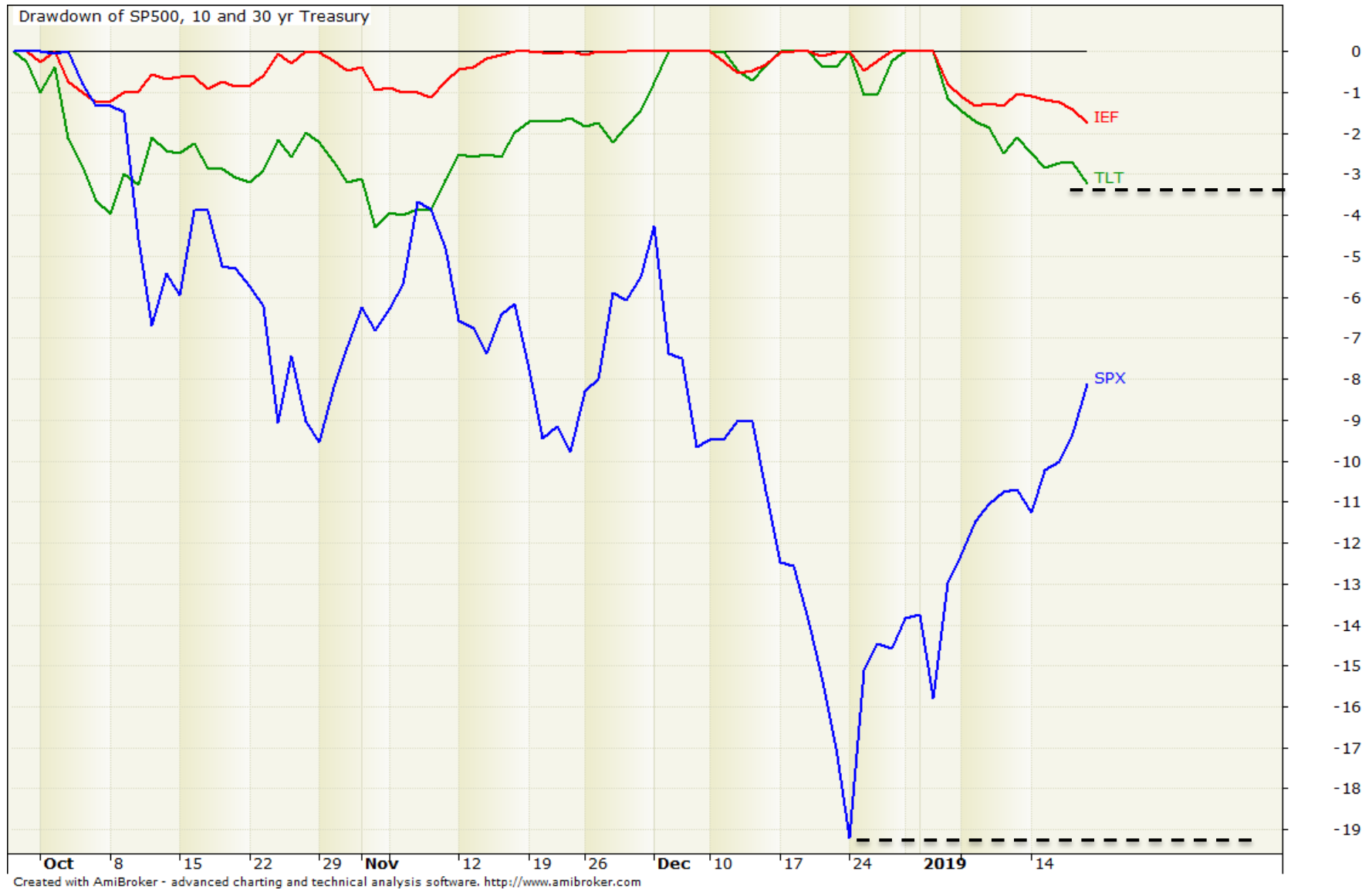
Dollar Strong and Consolidating



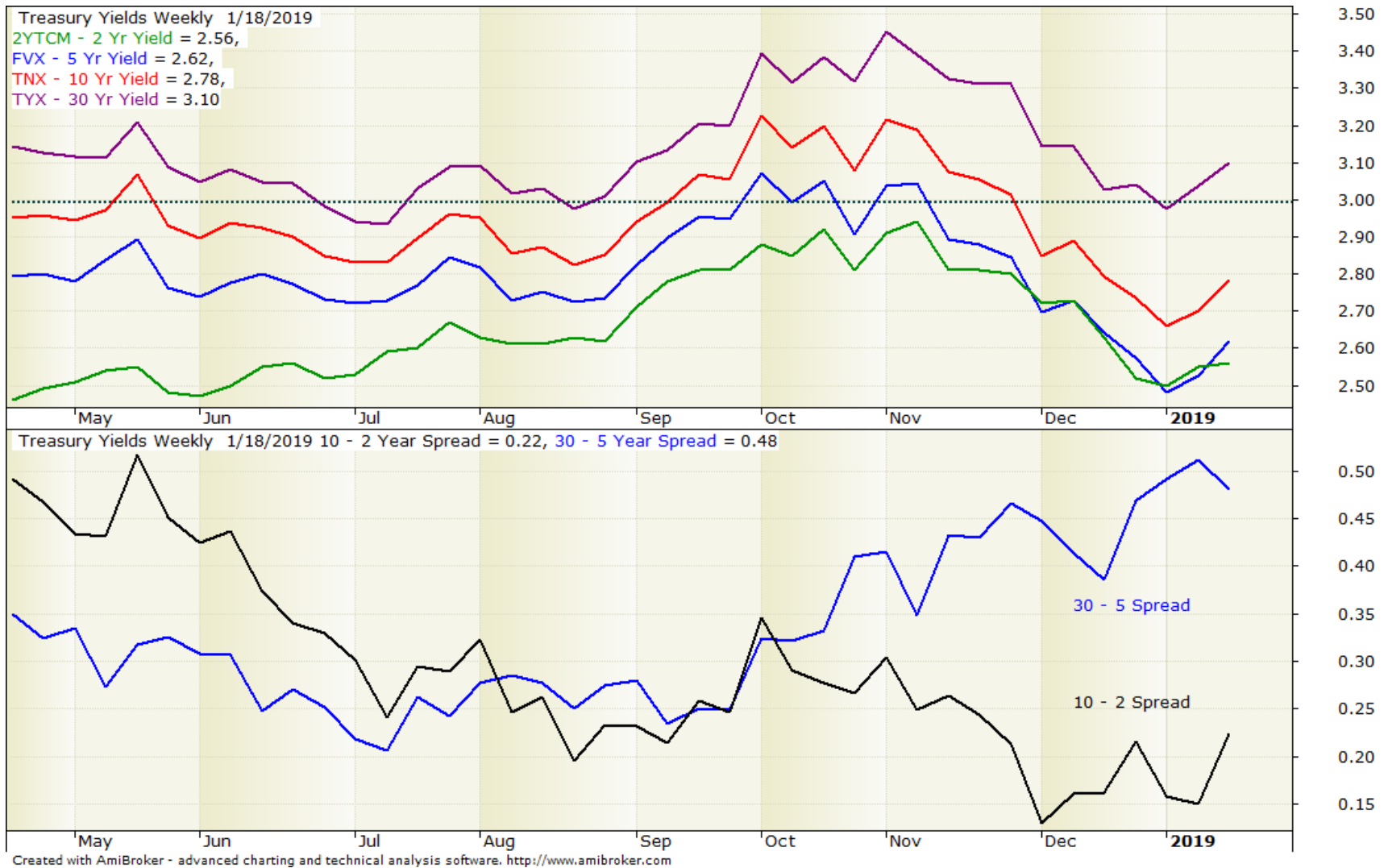
30 Yr Treasury Prices Down with Market



Drawdowns of Bonds vs SP500



Treasury Yields & Spreads



Top 20 ETFs (ranked by ETFReplay.com)

Symbol	ETF	ReturnA	ReturnB	Volatility	Rank
VWO	<u>Vanguard FTSE Emerging Markets</u>	+5.4%	+7.8%	16.7 %	1
IEMG	<u>iShares Core MSCI Emerging Markets</u>	+4.6%	+7.8%	17.8 %	2
EWZ	<u>iShares MSCI Brazil Index Fund</u>	+9.9%	+17.1%	27.2 %	3
EEM	<u>iShares MSCI Emerging Markets</u>	+4.5%	+8.0%	18.2 %	4
IAU	<u>iShares COMEX Gold Trust</u>	+4.7%	+3.0%	9.5 %	5
GLD	<u>SPDR Gold Shares</u>	+4.5%	+3.1%	10.1 %	6
EMB	<u>iShares JPM Emerg Markets Bond (7-8yr)</u>	+2.8%	+3.1%	4.4 %	7
MBB	<u>iShares Barclays MBS Bond Fund (2yr)</u>	+2.9%	+0.5%	2.6 %	8
BIV	<u>Vanguard Barclays Govt-Credit Mix</u>	+3.0%	+0.8%	3.8 %	9
MUB	<u>iShares S&P National Muni Bond (2-3yr)</u>	+2.7%	+0.3%	2.1 %	10
VCSH	<u>Vanguard Short-Term Inv Grd Bond (2-3yr)</u>	+1.4%	+0.8%	1.9 %	11
IGSB	<u>iShares Barclays 1-3 Year Credit (2yr)</u>	+1.4%	+0.8%	1.3 %	12
VCIT	<u>Vanguard Interm Corp Bond (6-7yr)</u>	+2.2%	+1.4%	3.3 %	13
AGG	<u>iShares Core Total US Bond</u>	+2.4%	+0.4%	2.9 %	14
BSV	<u>Vanguard Short-Term Bond</u>	+1.6%	+0.4%	1.9 %	15
BNDX	<u>Vanguard Total International Bond</u>	+2.2%	+0.3%	2.4 %	16
LQD	<u>iShares iBoxx Invest Grade Bond</u>	+2.1%	+1.2%	3.6 %	17
TLT	<u>iShares Barclays Long-Term Treasury</u>	+5.6%	-1.3%	9.3 %	18
VMBS	<u>Vanguard Mortgage-Backed Bonds</u>	+2.6%	+0.3%	3.1 %	19
IEI	<u>iShares Barclays 3-7 Yr Tsy Bond (4-5yr)</u>	+2.7%	+0.3%	3.9 %	20

Reducing Risk in a Volatile Market

- High Volatility Markets are Trendless and Require More Work
 - When Market Bounces Around in a Trading Range / Consolidation
 - Active Investors Need to Become Traders
 - Future Long Term Direction Unknown – Poor time to add new money to Market
- Main Choices When Expecting Lower Markets (Breakout to Down side)
 - Switch to Lower Volatile Positions (From Individual Stocks to ETFs / Funds)
 - Switch to Alternative Asset Classes (Equities to Bonds, REITs)
 - Sell Most Volatile Positions, go to Cash
 - Apply a Hedging Technique
 - Sell Short – requires experience and margin account, introduces high risk
 - Buy Puts - requires options experience
 - Use ETFs with Negative Correlations (Short or Inverse ETFs)
 - Use a Long/Short Fund or ETF that is close to market neutral

Using Short ETFs for Avoiding Risk

- Hedging with Short ETFs
 - Designed for very short-term due to decay of returns over time
 - Optimally designed for day trading.
 - Benefits include quick and cheap trading
 - Opportunity to benefit from declining stock prices.
 - Can be tailored to specific types of stocks/sectors, bonds, currencies.
 - Can be used in most IRAs where shorting is not allowed.
 - Lower costs and fees than using put options or short selling.
 - Avoid Capital Gains by hedging position rather than selling it
- Limited Risk
 - Risk is limited because the most money you can lose is your cost of the ETF.
- Performance Choices
 - Use of Leverage (1x, 2x, 3x, 4x) offers greater returns depending on volatility.
- Hedging vs Speculation

Jan 2019 Market Review Some Investors Use Leverage and Inverse ETFs to add to portfolio performance, anticipating market behavior.

Inverse ETFs

From inverse-etfs.com

- **Inverse Equity ETFs** aim to return the opposite, or inverse, of an equity index or a specific stock market sector, such as financials, biotechs, REITs or MLPs.
- There are dozens of equity inverse ETFs that have been created to hedge or speculate against equity exposure in all corners of the global investment spectrum.

Sample Categories (taken from inverse-etfs.com)

Each category has several ETFs to choose from. See website.

Equity Categories

US Market Indexes
International Indexes
Technology
Health Care & Biotech
Real Estate/REITs
Utilities
Consumer

Bond Categories

Treasury
High Yield
Investment Grade
Total Bond

Commodity Categories

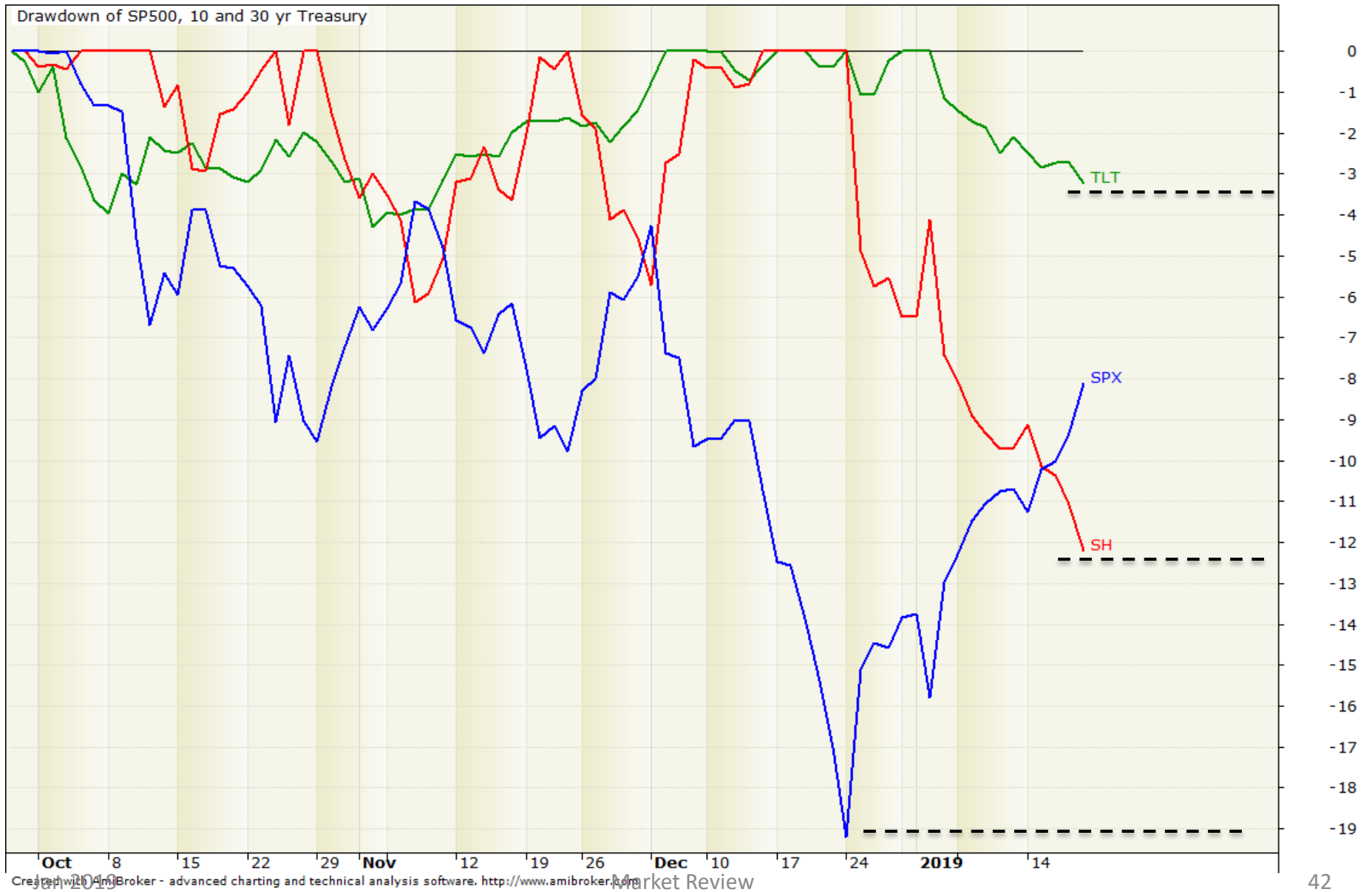
Oil
Gold
Metals & Materials
MLP
Broad Commodity
Natural Gas

Currency Categories

Hedging the SP500

- Hedging stocks with the 'Short S&P 500' (SH), an inverse ETF no leverage, which better represents the broader stock market.
- It is market cap-weighted and has more financial products tied to its performance than any other.
- It is the the largest inverse stock ETF at over \$1.6 billion in assets under management and it trades millions of shares per day.
- It is a single inverse ETF -1X (no leverage) and aims to return the inverse of the Standard & Poor's 500 Index on a daily basis.

Drawdowns of SP500 vs Inverse



Backtests of Hedging the SPY ETF

Case0: Buy & Hold. Don't use Bailout Signal (EMA 50 cross EMA 200)
 From 10/2/2008 – 1/18/2019 Total Return 294.5%



Ticker	Trade	Entry	Exit	% change	Profit	Shares	Pos. value	Cum. profit	# bars	F
SPY	Long	10/2/2008 90.46349	1/18/2019 266.46	194.55%	194549.76 194.55%	1105.418	99999.99	194549.76	2592	

Backtests of Hedging the SPY ETF

Case1: No Hedge. Go to Cash When Bailout Signal (50/200) Sells.

From 10/2/2015 – 1/18/2019, Two Sell Signals & Re-Entries. Total Return 248.8%



Ticker	Trade	Entry	Exit	% change	Profit	Shares	Pos. value	Cum. profit	# bars	Pr
SPY	Long	6/18/2009 75.73126	7/1/2010 86.49035	14.21%	14206.81 14.21%	1320.459	100000.00	14206.81	262	
SPY	Long	10/4/2010 96.253	8/11/2011 100.7347	4.66%	5317.66 4.66%	1186.527	114206.81	19524.47	217	
SPY	Long	1/17/2012 112.3285	8/28/2015 185.7265	65.34%	78100.01 65.34%	1064.062	119524.48	97624.48	911	
SPY	Long	12/1/2015 197.3723	1/7/2016 182.8743	-7.35%	-14516.52 -7.35%	1001.277	197624.48	83107.96	26	
SPY	Long	4/7/2016 193.1951	12/10/2018 262.5364	35.89%	65720.84 35.89%	947.7878	183107.95	148828.80	675	

Backtests of Hedging the SPY ETF

Case2: Hedge. Go to SH (-1X SPY) When Bailout Signal (50/200) Sells.

From 10/2/2008 – 1/18/2019, 5 Signals & Re-Entries. Total Return 164.7 %

Ticker	Trade	Entry	Exit	% change	Profit	Shares	Pos. value	Cum. profit	# bars	P
SPY	Long	6/18/2009 75.73126	7/1/2010 86.49035	14.21%	14206.81 14.21%	1320.459	100000.00	14206.81	262	
SH	Long	7/1/2010 109.0616	10/4/2010 96.95905	-11.10%	-12673.56 -11.10%	1047.177	114206.82	1533.25	66	
SPY	Long	10/4/2010 96.253	8/11/2011 100.7347	4.66%	4727.56 4.66%	1054.858	101533.25	6260.81	217	
SH	Long	8/11/2011 89.52348	1/17/2012 77.53955	-13.39%	-14224.41 -13.39%	1186.96	106260.81	-7963.60	109	
SPY	Long	1/17/2012 112.3285	8/28/2015 185.7265	65.34%	60138.67 65.34%	819.3503	92036.40	52175.07	911	
SH	Long	8/28/2015 43.22915	12/1/2015 40.30237	-6.77%	-10302.84 -6.77%	3520.196	152175.06	41872.23	66	
SPY	Long	12/1/2015 197.3723	1/7/2016 182.8743	-7.35%	-10421.23 -7.35%	718.805	141872.23	31450.99	26	
SH	Long	1/7/2016 43.34779	4/7/2016 40.67811	-6.16%	-8095.73 -6.16%	3032.473	131451.00	23355.26	63	
SPY	Long	4/7/2016 193.1951	12/10/2018 262.5364	35.89%	44274.49 35.89%	638.501	123355.26	67629.75	675	
SH	Open Long	12/10/2018 29.91791	1/18/2019 29.41	-1.70%	-2845.81 -1.70%	5602.989	167629.75	64783.94	29	

Backtests of Hedging the SPY ETF

Case3: Hedge. Go to SDS (-2X SPY) When Bailout Signal (50/200) Sells.

From 10/2/2015, Two Sell Signals & Re-Entries. Total Return 103.6 %

Ticker	Trade	Entry	Exit	% change	Profit	Shares	Pos. value	Cum. profit	# bars
SPY	Long	6/18/2009 75.73126	7/1/2010 86.49035	14.21%	14206.81 14.21%	1320.459	100000.00	14206.81	262
SDS	Long	7/1/2010 597.0789	10/4/2010 469.246	-21.41%	-24451.36 -21.41%	191.2759	114206.81	-10244.54	66
SPY	Long	10/4/2010 96.253	8/11/2011 100.7347	4.66%	4179.16 4.66%	932.4952	89755.45	-6065.38	217
SDS	Long	8/11/2011 392.6408	1/17/2012 286.7177	-26.98%	-25340.84 -26.98%	239.2381	93934.63	-31406.21	109
SPY	Long	1/17/2012 112.3285	8/28/2015 185.7265	65.34%	44820.74 65.34%	610.6534	68593.79	13414.52	911
SDS	Long	8/28/2015 86.73248	12/1/2015 75.06831	-13.45%	-15252.53 -13.45%	1307.636	113414.52	-1838.01	66
SPY	Long	12/1/2015 197.3723	1/7/2016 182.8743	-7.35%	-7210.50 -7.35%	497.3442	98161.99	-9048.50	26
SDS	Long	1/7/2016 86.57485	4/7/2016 75.77763	-12.47%	-11343.14 -12.47%	1050.553	90951.50	-20391.64	63
SPY	Long	4/7/2016 193.1951	12/10/2018 262.5364	35.89%	28572.91 35.89%	412.062	79608.35	8181.27	675
SDS	Open Long	12/10/2018 39.34909	1/18/2019 37.7	-4.19%	-4533.79 -4.19%	2749.27	108181.27	3647.48	29

Summary of Results

For period from 10/2/2015 thru 1/18/2019

- Buy & Hold Total Return 294.5%
- Bailout to Cash (50/200) Total Return 248.8%
- Switch to SH (-1x) at signal Total Return 164.7%
- Switch to SDS(-2x) at signal Total Return 103.6%

These back tests are not fine tuned and do not explore many other ideas such a partial hedge positions (less than 100%), but they do illustrate two important points.

1. During Low Volatility Periods, Buy and Hold is a good, simple strategy.
2. Over Long Periods, Highly Leveraged ETFs perform poorly.

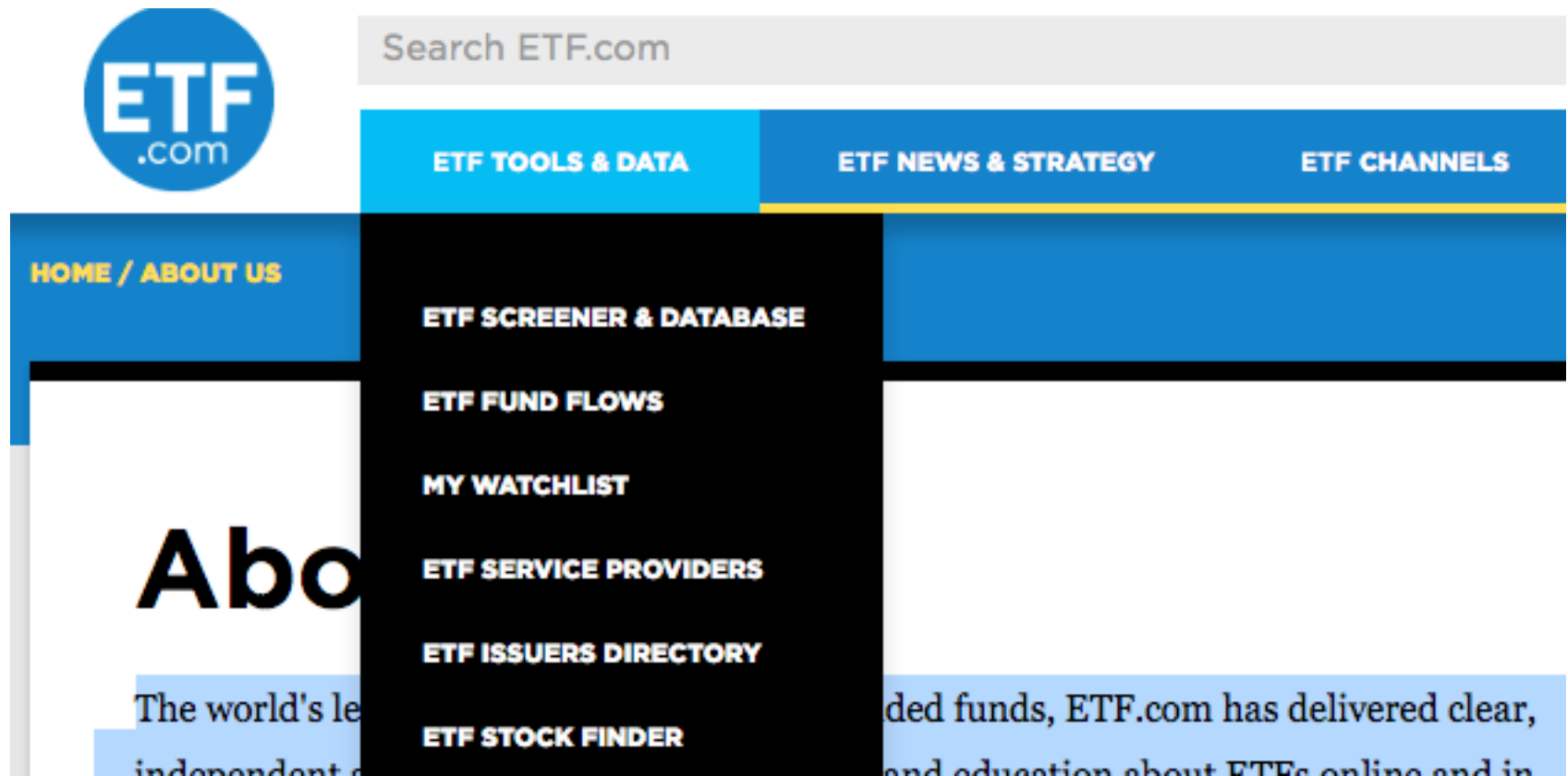


ETF General Information – ETF.com

- ETF.com is an authority on exchange-traded funds, and has delivered clear, independent news, analysis and education about ETFs online and in print since 2001.
- ETF.com also has a print publication, ETF Report.
- ETF.com is a fully owned, editorially independent subsidiary of Cboe Global Markets.

The following are a few screen shots of the website to give you a feeling of what information is available and things you can learn from it.

ETF General Information – ETF.com



ETF General Information – ETF.com

The image shows a screenshot of the ETF.com website. At the top left is the ETF.com logo. To its right is a search bar labeled "Search ETF.com". Below the search bar are three navigation tabs: "ETF TOOLS & DATA", "ETF NEWS & STRATEGY", and "ETF CHANNELS". The "ETF NEWS & STRATEGY" tab is highlighted in blue. Below the tabs is a dark blue navigation bar with the text "HOME / ABOUT US" in yellow. The main content area is white and features the heading "About Us" in large black font. Below the heading is a paragraph of text: "The world's leading authority on exchange-traded funds (ETFs) delivered clear, independent and authoritative news, analysis and commentary on ETFs online and in print since 2001. The firm's marquee print publication, ETF Report." Below this is another paragraph: "ETF.com is a fully owned, editorially independent..." To the right of the main content is a dark blue vertical menu with white text listing various sections: "ALL ETF NEWS & STRATEGY", "DAILY HOT READS", "ETF.COM ANALYSIS", "ETF INDUSTRY PERSPECTIVE", "ETF NEWSLETTERS", "ETF REPORT", "ETF STRATEGIST CORNER", "ETF WATCH", "FEATURES & NEWS", "INDEX INVESTOR CORNER", "PODCASTS", and "WHITE PAPERS". At the bottom left of the screenshot is a circular profile picture of a man with glasses, and to its right is the name "DAVE NAD" in blue capital letters.

ETF General Information – ETF.com

The image shows a screenshot of the ETF.com website. At the top left is the ETF.com logo. To its right is a search bar with the text 'Search ETF.com' and a magnifying glass icon. Further right are social media icons for RSS, Twitter, and LinkedIn, followed by a 'Login/F' link. Below the search bar is a blue navigation bar with five tabs: 'ETF TOOLS & DATA', 'ETF NEWS & STRATEGY', 'ETF CHANNELS', 'ETF EVENTS', and 'ETF UNIVERSITY'. The 'ETF CHANNELS' tab is highlighted in a darker blue. Below the navigation bar is a dark blue sidebar on the left with the text 'HOME / ABOUT US' in yellow. The main content area is white and features the heading 'About Us' in large black font. Below the heading is a blue box containing the text: 'The world's leading authority on independent and authoritative print since 2001. The firm's m'. To the right of the sidebar is a dark blue grid of 12 categories of ETFs, arranged in three columns and four rows. The categories are: ALPHA-SEEKING ETFS, BIOTECH ETFS, BOND ETFS, GOLD ETFS, HEALTH CARE ETFS, HIGH-DIVIDEND-YIELD ETFS, EMERGING MARKETS ETFS, ENERGY ETFS, EUROPE ETFS, FIXED-INCOME ETFS, SILVER ETFS, SMART-BETA ETFS, DIVIDEND ETFS, MLP ETFS, OIL ETFS, REIT ETFS, CHINA ETFS, COMMODITY ETFS, CURRENCY HEDGED ETFS, and TECHNOLOGY ETFS.

ETF.com

Search ETF.com

ETF TOOLS & DATA

ETF NEWS & STRATEGY

ETF CHANNELS

ETF EVENTS

ETF UNIVERSITY

HOME / ABOUT US

About Us

The world's leading authority on independent and authoritative print since 2001. The firm's m

- ALPHA-SEEKING ETFS
- BIOTECH ETFS
- BOND ETFS
- GOLD ETFS
- HEALTH CARE ETFS
- HIGH-DIVIDEND-YIELD ETFS
- EMERGING MARKETS ETFS
- ENERGY ETFS
- EUROPE ETFS
- FIXED-INCOME ETFS
- SILVER ETFS
- SMART-BETA ETFS
- DIVIDEND ETFS
- MLP ETFS
- OIL ETFS
- REIT ETFS
- CHINA ETFS
- COMMODITY ETFS
- CURRENCY HEDGED ETFS
- TECHNOLOGY ETFS

ETF Flows – ETF.com

Flows for 01/08/2019 - 01/14/2019

Top 10 Creations (All ETFs)

Ticker	Fund Name	Net Flows*	Details
HYG	iShares iBoxx USD High Yield Corporate Bond ETF	1,781.12	➤
QUAL	iShares Edge MSCI U.S.A. Quality Factor ETF	1,589.98	➤
LQD	iShares iBoxx USD Investment Grade Corporate Bond ETF	1,268.25	➤
IEMG	iShares Core MSCI Emerging Markets ETF	1,099.50	➤
JNK	SPDR Bloomberg Barclays High Yield Bond ETF	764.17	➤
USFR	WisdomTree Floating Rate Treasury Fund	585.09	➤
EMB	iShares JP Morgan USD Emerging Markets Bond ETF	514.40	➤
DIA	SPDR Dow Jones Industrial Average ETF Trust	436.48	➤
XLV	Health Care Select Sector SPDR Fund	387.31	➤
SHV	iShares Short Treasury Bond ETF	386.24	➤

Top 10 Redemptions (All ETFs)

Ticker	Fund Name	Net Flows*	Details
SPY	SPDR S&P 500 ETF Trust	-1,989.09	➤
QQQ	Invesco QQQ Trust	-1,503.58	➤
IWM	iShares Russell 2000 ETF	-1,019.49	➤
XLF	Financial Select Sector SPDR Fund	-948.97	➤
IWD	iShares Russell 1000 Value ETF	-754.18	➤
IEF	iShares 7-10 Year Treasury Bond ETF	-747.63	➤
ITE	SPDR Bloomberg Barclays Intermediate Term Treasury ETF	-746.92	➤
BSV	Vanguard Short-Term Bond ETF	-745.94	➤
VGT	Vanguard Information Technology ETF	-621.43	➤
XLE	Energy Select Sector SPDR Fund	-471.48	➤

* Net Flows in USD Millions






Which ETFs hold Which Stocks

Find ETFs By Holdings: 






Top Searches

Ticker	Company	Details
AMZN	Amazon.com, Inc.	
AAPL	Apple Inc.	
TSLA	Tesla Inc	
NVDA	NVIDIA Corporation	
FB	Facebook, Inc. Class A	

Widely Held Stocks

Ticker	Company	Details
MSFT	Microsoft Corporation	
AAPL	Apple Inc.	
AMZN	Amazon.com, Inc.	
JNJ	Johnson & Johnson	
XOM	Exxon Mobil Corporation	

New IPOs

Ticker	Company	Details
TAK	Takeda Pharmaceutical ...	
ALLO	Allogene Therapeutics, Inc.	
PLAN	Anaplan, Inc.	
CWK	Cushman & Wakefield Plc	
SWI	SolarWinds Corp.	

Tutorials on ETFs

ETF 101: ETF BASICS

What Is An ETF?

What Is An ETN?

ETFs Vs. Mutual Funds: Which Is Right For You?

Why Are ETFs So Cheap?

Why Are ETFs So Tax Efficient?

What Risks Are There In ETFs?

ETF 101: HOW ETFS WORK

What Is The Creation/Redemption Mechanism?

Who Are Market Makers And What Is Step-Away Trading?

Who Are Authorized Participants?

Understanding Net Asset Value

Understanding Premiums and Discounts

Understanding iNAV

Understanding Tracking Difference And Tracking Error

Understanding Securities Lending

Managing and Avoiding ETF Closures

Understanding Spreads and Volume

Understanding ETF Liquidity

How To Run An Index Fund: Full Replication Vs. Optimization

Legal Structures, Regulation And Taxes

ETF 101: HOW TO SELECT AN ETF

What Risks Are There In ETFs?

How Do You Choose The Right ETF?

ETF Efficiency: How To Evaluate ETFs

ETF Fit—Does My ETF Give Me The Exposure I Really Want?

Active Vs. Passive: The Case For And Against Index Funds

Should I Invest In Stocks Bonds Or Metals: An Asset Class...

Asset Allocation ETFs: Picking The Right Target-Date Fund

Tutorials on ETFs

ETF 201: ALTERNATIVES ETFS

[Alternatives ETFs: Understanding VIX ETFs](#)

[Alternatives ETFs - Can an ETF replicate a hedge fund?](#)

ETF 201: COMMODITY ETFS

[Commodity ETFs: Three Sources Of Returns](#)

[Commodity ETF: Next Generation Roll Strategies](#)

[Commodity ETFs: Gold Miners vs. Gold](#)

[How Are Commodity ETFs Taxed?](#)

[Why You Can't Buy Spot Oil: A Guide To Contango And...](#)

ETF 201: FIXED INCOME AND BOND ETFS

[Fixed-Income Investing ETFs: The Basics](#)

[Fixed-Income ETFs: Understanding Duration](#)

[Fixed-Income ETFs: Intro To Bank Loans](#)

[Fixed-Income ETFs: What Happens During Bond Panics...](#)

[Bond ETFs vs. Bonds: Which Are Better?](#)

[Are Bond ETFs More Liquid Than Bonds?](#)

[How Do Bond ETFs Work?](#)

[Bond ETFs vs. Bond Mutual Funds: Which Should You...](#)

[Bond ETF Taxation: Three Things You Need To Know](#)

[How to Build a Bond ETF Portfolio?](#)

[What Kinds of Bond ETFs Are There?](#)

ETF 201: CURRENCY ETFS

[Currency ETFs: The Basics](#)

[How Are Currency ETFs Taxed?](#)

ETF 201: PICKING A LEVERAGED ETF

[Leveraged And Inverse ETFs: Understanding Monthly Resets](#)

[Leveraged And Inverse ETFs: Why 2x Is Not The 2x You Think](#)

Walnut Village Investor Meeting

Monday, Jan 21st, 2:30 – 4 PM

- Markets
 - Recent Market Actions
 - Dealing with Volatility
 - Leveraged ETFs
 - Pros and Cons
- A Review of ETFs for Your Portfolio/Investing



Can You Handle Volatility in the Markets?

*“When the Music Plays too Fast to Dance,
it’s Time to Sit It Out.”*