# ETF Selections & Timing

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#### Upside Back In Gear

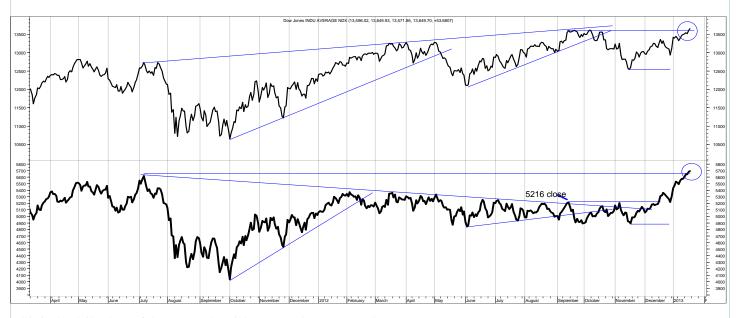
ith the stock market's latest rally of the first few weeks of 2013, it has renewed its series of upside confirmations. Both the Dow Industirals and Transports have rallied to recovery highs, as shown on the chart below. The negative divergence that was in

place for the past 11 months since March 2012 has now been negated. What now?

The definition of a bull market is an ongoing series of higher highs and higher lows. We have to conclude we are back in a bull market and it will remain as such until another negative divergence appears, whereby a lower high is in place.

The one caution to this bullish stance, however, is what happened, though in reverse, back in October 2011, when

(Continued on bottom right on page 12 see REVIEW on top)



This is the daily chart of the Dow Industrials (top) and Transports (bottom).

#### **SCOREBOARD**

Model	YTD	52-week	26-week	13-week	4-week	1-week
ETF Income Portfolio	-0.1%	4.4%	1.7	0.0	0.1	-0.2%
ETF Growth Portfolio	5.8%	3.2%	6.7	5.7	4.5	1.4%
Aggrgt Bond (AGG)	-0.3%	0.9%	-1.3	-0.9	-0.2	0.1%
World Growth Index	5.4%	14.6%	12.0	6.1	3.9	0.7%

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#### Income Portfolio

ACTION	FOR				PORTFOL	O DETAILS				\	/alue as of	date:	1/18/2013
Action			Action	# of	Action		Stop Loss		Start	End	# of	Current	Percent of
Date	Action	Symbol	Price	Shares	Value	Symbol	as of 12/24	Description	Price	Price	Shares	Value	Total
18-Sep	buy	MBB	108.93	125	13,626	CSJ	99.10	1-3 yr crdt	105.43	105.72	400.0	42,288.00	37.2%
22-Oct	sell	BSV	81.23	404.3	32,831	LQD	120.00	invst grd	116.05	120.69	512.2	61,820.07	54.4%
22-Oct	buy	TLH	133.89	250	33,483							.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
17-Dec 17-Dec 17-Dec	sell sell buy	MBB TLH CSJ	107.87 135.23 105.43	125 250.8 400.0	13,517 33,906 42,182								
21-Jan	sell reducir	LQD na risk bv	selling 1/2 of I	250 LQD									
21-Jan	buy	BSV		370									
						Money M	larket			1.00	9,586	9,586.00	8.4%
										Total V	/aluation=	113,694.07	100.0%

#### **WEEKLY REVIEW**

1/21 Given the whipsawing, the inconclusiveness of the trend in the SLM Bond Model on page 4, I'll reduce exposure to the longer dated corporate bond market by selling half of LQD. I'll buy a different short-term corporate bond fund as noted above.

1/14 No changes.

1/7 No changes. Caution is warranted.

12/31 No changes.

12/24 I've sold the longer dated positions and bought a short dated CSJ. I've raised the stop on LQD.

	2010	2011	2012	ytd 2013	Incptn	SD
ETF Income Portfolio	4.8%	3.6	4.8	-0.1	13.7	4.0
Aggregate Bond	2.5%	4.3	0.9	-0.3	7.6	2.6

This shows the returns of previous years, year to date (ytd), and from inception (incptn). It also shows standard deviation (SD).

### ETF Income Database and Ranking to 10/31/12

Fund Name	D Symbol	Style	12m	9m	6m	3m	1m	V	NAV	Rank
iShares Long Corp Bond	LQDD	BL	7.25	5.87	5.61	1.43	1.03	1.38	123.02	* * * * *
PS Emrg Mrkt Svrgn Debt	PCYD	BW	13.42	13.50	9.20	3.84	1.37	2.29	31.11	* * * * *
iShares Intrntl Tbond	IGOVD	BW	-0.90	5.44	3.02	4.89	1.19	1.90	104.00	* * * *
iShares Trsry Infltn	TIPD	BI	5.18	2.65	2.60	0.89	0.62	0.89	122.52	* * * *
PS Fdmntl Hi Yield Corp	PHBD	ВН	5.10	3.51	2.29	1.70	0.63	1.61	19.18	* * * *
PS Insrd Natl Muni	PZAD	BI	7.50	2.38	2.79	0.19	0.16	1.18	25.79	* * * *
PS Prfd	PGXD	BF	6.00	4.29	3.27	0.75	0.41	1.41	14.84	* * * *
Wtree Dryfs Euro	EUD	BF	2.08	11.56	9.79	20.42	2.14	4.20	22.88	* * * *
Currency Euro	FXED	BF	-6.65	-1.21	-2.29	5.23	0.79	2.48	128.70	* * *
iShares 10-20yr Trsry	TLHD	BL	5.31	1.78	3.06	-2.33	-0.49	2.31	136.07	* * *
iShares 20+ yr Trsry	TLTD	BL	6.45	2.08	5.15	-4.89	-0.69	4.15	123.36	* * *
iShares 7-10yr Trsry	IEFD	BI	4.23	1.32	2.08	-1.27	-0.53	1.46	107.89	* * *
iShares Agg Bond	AGGD	BI	1.96	1.03	1.44	-0.36	-0.23	0.57	112.19	* * *
iShares High Yld	HYGD	BH	3.71	2.04	1.53	0.97	0.32	2.51	92.59	* * *
PS 1-30 Ldr Trsry	PLWD	BI	4.41	1.04	2.72	-2.63	-0.63	2.34	32.91	* * *
PS Bld America	BABD	BI	6.57	2.62	2.45	-1.47	0.33	1.56	30.16	* * *
PS DB Dollar Bearish	UDND	BF	-3.35	-0.29	-1.24	3.35	-0.04	1.92	27.16	* * *
PS DB Dollar Bullish	UUPD	BF	1.48	-1.04	0.37	-3.61	-0.14	1.92	21.89	* * *
PS DB G10 Currency	DBVD	BF	4.26	3.54	2.54	1.84	0.24	2.59	25.43	* * *
PS Insrd CA Muni	PWZD	BI	6.33	2.05	1.85	-0.08	0.12	0.95	25.33	* * *
PS Insrd NY Muni	PZTD	BI	5.92	1.26	2.18	-0.24	0.08	1.05	24.87	* * *
SPDR High Yield	JNKD	BH	3.52	2.20	1.53	1.15	0.32	2.61	40.34	* * *
SPDR Intrntl TBond	BWXD	BW	0.23	1.34	1.24	2.41	-0.55	1.61	61.25	* * *
Vngrd Intrmdt Bond	BNDD	BI	1.52	0.98	1.16	-0.40	-0.31	0.47	84.89	* * *
Wtree Dryfs Brazil Real	BZFD	BF	-29.70	-9.81	-3.02	2.43	0.32	5.56	18.94	* * *
Wtree Dryfs Chns Yuan	CYBD	BF	-0.08	0.79	0.95	1.71	0.87	0.72	25.60	* * *
Wtree Dryfs Comdty Cur	CCXD	BF	-20.12	-0.59	-0.69	1.81	-0.36	4.46	21.14	* * *
Wtree Dryfs Emrg Crrncy	CEWD	BF	-5.43	-0.96	-1.58	1.43	-1.01	3.29	20.57	* * *
Wtree Dryfs Indn Rupee	ICND	BF	-16.74	-2.57	0.67	5.32	-1.58	4.49	21.19	* * *
Wtree Dryfs S Africa Rand	SZRD	BF	-12.27	-7.38	-8.59	-4.59	-4.51	4.45	22.45	* * *
Wtree Emrg Mrkt Lcl Debt	ELDD	BF	3.05	1.57	1.18	2.03	0.25	3.06	52.44	* * *
iShares 3-7yr Trsry	IEID	BI	1.60	0.36	0.67	-0.41	-0.38	0.52	123.25	* *
iShares Inter Bond	MBBD	BI	0.77	0.38	0.45	-0.25	-0.35	0.27	108.78	* *
iShares Inter Gov	GVID	BI	1.57	0.60	0.96	-0.03	-0.11	0.44	112.97	* *
PS Low Duration	PLKD	BS	-0.21	-0.12	-0.02	0.10	0.16	0.20	25.39	* *
Vngrd ShrtTrm Bond	BSVD	BS	-0.15	0.07	0.21	-0.09	-0.11	0.25	81.36	* *
Wtree Dryfs Jpn Yen	JYFD	BF	-5.53	-7.32	-1.21	-2.46	-3.82	1.76	31.76	* *
iShares 1-3yr Trsry	SHYD	BS	-0.15	-0.18	-0.05	-0.13	-0.09	0.10	84.42	*
PS VRDO Tax Free Wkly	PVID	BS	-0.08	-0.08	-0.08	0.00	0.00	0.05	24.98	*

This is the ETF Income Database and Ranking. It shows performance over the last 12, 9, 6, 3, and 1 months through the previous month's end. V is Volatility. NAV is price. CS is Comet Strength (not shown). C is Comet (not shown), which is an ETF's risk-adjusted performance; the higher the better. V, CS, and C are proprietary tools. Rank column shows the number of comets.

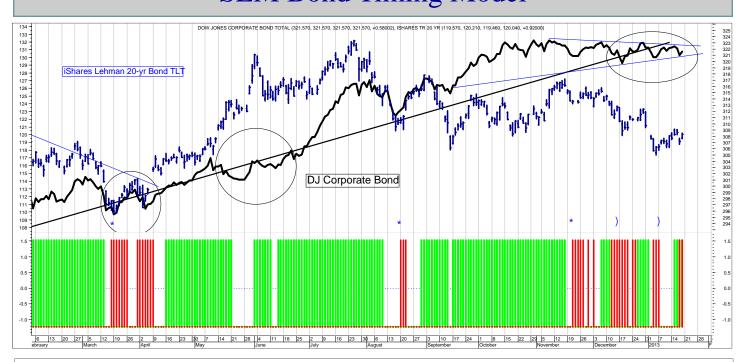
#### ETF LEGEND for pages 3 (Bond), and 7, 8, 9, and 10 (Equity):

Column headings: The first column shows the ETF name, the second column shows it symbol (due to our data provider, symbols may end in a "D"; it should be ignored). The third column shows the ETF Style. The first letter is always either B (Bond) or E (Equity) or H (Hybrid). The next letter(s) is the style. So, BS-bond short, BI-bond intermediate, BL-bond long, BF-flexible, BW-world, BH-high yield. And for Equity, EA-equity aggressive, EC-equity contrary, EG-equity gold (precious metals), ESC-small cap, EMC-mid cap, ELC-large cap, EW-world, EGI-growth/income, ERE-real estate, EV-value.

Columns 4-8 shows percentage returns for the periods shown (12 months, 9, 6, 3, and 1 month). Column 9 is V (volatility); a measure of risk; the lower the less risk. Column 10 is the NAV. Column 11 is the C (comet) ranking. C is the risk-adjusted (V) relative performance (CS-not shown). The higher the C indicates the most return for the amount of risk taken.

Generally, our ETF strategy is to own the top ranked ETFs (shown in green) and avoid or short the lower ranked ETFs (shown in red).

### **SLM Bond Timing Model**



The SLM Bond Timing Model is based on the expected direction of the Corporate Bond market. The green bars are bullish (expect higher prices and lower yields) and the red bars are bearish (expect lower prices and higher yields). White spaces indicate that the previous signal is still in effect.

#### WEEKLY REVIEW

1/21 The whipsawing (short-term buys and sells and buys and sells) continues, so as noted on page 2 I'll reduce some risk by selling the longer-dated ETF and buying a shorter-dated one. The economies of the world seem to be getting stronger, so rates may rise through 2013.

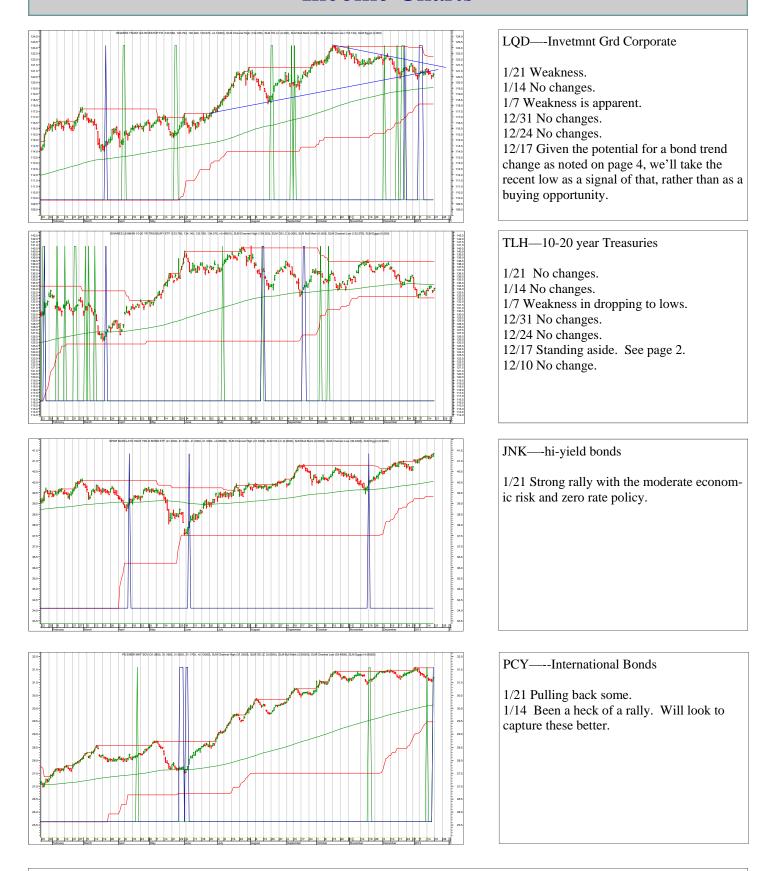
1/14 No changes. I've reduced the bond duration (maturities) by buying short-term bond ETFs and selling the longer dated ETFs.

1/4 Another whipsaw with the Model again turning bearish. Whipsaws are short-term trend changes. The culprit is a new mixed reading from the recent Fed minutes. Some interpret a portion of the statement to mean the Fed will cease their bond buying and easing program sooner, rather than later. But they previously said they will maintain easing until unemployment declines below 6.5% or inflation exceeds 2.5%. So, we're getting some mixed signals and a whipsaw bond market.

12/31 The Model has reversed again into bullish mode. I'll maintain current positions, however, will all these short-term whipsaws.

12/24 After a brief stint in bullish territory, the Model is again bearish. The difference between this time and the others is prices dropped below their intermediate-term trend line that dates back about a year. I'll continue to maintain the short-dated positions, while raising the stop on the other position. See page 2.

#### **Income Charts**



Each chart shows daily prices, a moving average (smoothed red line on price portion), and spikes. The spikes show potential buy and sell short signals. Generally speaking, it the moving average is trending down, the spike shows a potential sell short. If the moving average is trending up, the spike shows a potential buy. The charts do not show selling or covering signals.

### Growth Portfolio (changed as of 12/10/12)

<b>ACTION</b>	FOR				PORTFOLI	O DETAILS					Value as of	date:	1/18/2013
Action			Action	# of	Action		Stop Loss		Start	Ending	# of	Current	Percent of
Date	Action	Symbol	Price	Shares	Value	Symbol	as of 12/10	Description	Price	Price	Shares	Value	Total
						LONG ETF	s-						
10-Dec	buy	EEM	43.03	526	22,644								
10-Dec	buy	EFA	55.55	409	22,730	EEM		Emrg Mrkt	43.03	44.77	529.380	23,700.34	19.8%
10-Dec	buy	IWM	82.54	274	22,626	EFA		Euro Asia	55.55	58.14	413.490	24,040.31	20.1%
10-Dec	buy	QQQ	65.12	347	22,607	IWM		Rus 2000	82.54	88.67	276.410	24,509.27	20.5%
10-Dec	buy	SPY	142.47	159	22,663	QQQ		Nas 100	65.12	67.07	348.950	23,404.08	19.6%
						SPY		S&P 500	142.47	148.40	160.140	23,764.78	19.9%
						SHORT ET	Fs- short	sell: % below entry	/ price, or	1.00	· -	_	0.0%
						Money Mar	rket			1.00	167	167.00	0.1%
										Total	Valuation=	119,585.78	100.0%

#### WEEKLY REVIEW

1/21 The World Growth Index (daily composed of 20% each in EEM, EFA, IWM, QQQ, SPY and always fully invested) is adjusted for dividends paid, and I adjusted the share amounts shown above in the World Growth Portfolio to reflect this. As previously mentioned, the World Growth Portfolio is also made up of 20% bought into the same five ETFs, but is also market timed to be either fully in or fully out.

1/14 No changes.

1/7 No changes. (See note at 12/24 for an explanation of why the Portfolio gained 4%, but the Index gained 4.3% the last week.)

12/31 No changes.

	2010	2011	2012	ytd 2013	Incptn	SD
ETF Growth Portfolio	8.1%	6.9	-2.1	5.8	19.6	5.5
World Growth Index	17.2%	-4.2	14.3	5.4	35.3	10.7

The ETF Growth Portfolio changed as of 12/10/12 and is following the new World Growth Model, which uses the same 5 etfs (EEM, EFA, IWM, QQQ, SPY) as the World Growth Index (WGI), but with a timing approach. The WGI is always fully invested. Returns are of previous years, year to date (ytd), and from inception (incptn). It also shows standard deviation (SD).

### Top ETF Growth Ranking to 10/31/12 (month end)

Fund Name	D Symbol	Style	12m	9m	6m	3m	1m	V	NAV	Rank
Guggnhm Spin Off	CSDD	EMC	22.46	15.69	3.75	5.79	1.71	3.56	27.96	* * * * *
PS Dynmc Bldg Cnstrctn	PKBD	EA	40.10	24.83	15.80	19.93	4.70	6.53	16.49	* * * * *
PS Dynmc Pharma	PJPD	EA	26.80	16.59	5.47	0.12	-2.26	3.54	33.73	* * * * *
PS Dynmc Utilities	PUID	EA	15.69	9.42	6.21	4.47	3.49	2.24	17.78	* * * * *
PS S&P SmlCap Mtrls	PSCMD	EA	31.23	18.23	4.95	15.59	7.61	5.47	30.55	* * * * *
Select SPDR Cnsmr Stpl	XLPD	EA	14.01	10.49	3.54	-0.67	-1.21	2.05	35.39	* * * * *
Select SPDR Health	XLVD	EA	19.28	11.81	6.72	4.27	-0.23	2.61	40.03	* * * * *
Vngrd Consmr Stpls	VDCD	EA	13.76	12.41	4.79	0.24	-1.06	1.95	90.61	* * * * *
Vngrd Health	VHTD	EA	20.18	13.28	7.33	4.20	-1.34	2.89	72.23	* * * * *
Wtree Ttl Earn	EXTD	ELC	26.61	13.39	0.77	5.88	2.26	3.79	51.04	* * * * *
Guggnhm China REIT	TAOD	EWR	27.87	22.04	12.84	10.10	1.54	9.18	20.38	* * * *
Guggnhm Dfnsv Eqty	DEFD	EV	10.94	8.69	3.47	0.89	-0.25	1.99	29.52	* * * *
iShares DJ Slct Div	DVYD	EGI	10.98	7.53	2.01	0.87	0.26	2.11	57.83	* * * *
iShares Mexico	EWWD	EW	18.54	12.65	5.97	5.46	0.21	5.84	65.53	* * * *
iShares Prfrd	PFFD	EGI	7.37	5.03	2.88	1.65	0.50	2.25	40.06	* * * *
iShares Russel MidVal	IWSD	EV	12.32	7.09	2.05	4.77	0.10	3.73	48.77	* * * *
PS Buyback Achievers	PKWD	EGI	14.05	7.63	0.68	4.04	-1.07	3.18	29.62	* * * *
PS Dividend Achievers	PFMD	EGI	11.81	7.60	3.10	0.68	-1.44	2.44	16.28	* * * *
PS Dyn MagniQuant	PIQD	ELC	30.74	13.20	1.05	5.79	1.74	4.81	26.83	* * * *
PS Dynmc Fncl	PFID	EA	16.42	11.44	4.16	7.21	-0.29	4.44	20.85	* * * *
PS Dynmc Leisure & Enter	PEJD	EA	20.80	13.66	0.31	4.99	-2.40	4.57	22.30	* * * *
PS Dynmc Lrg Cap Value	PWVD	ELC	14.71	10.78	4.73	4.28	-0.73	3.20	21.68	* * * *
PS Dynmc Media	PBSD	EA	22.56	16.60	9.69	8.38	-1.57	5.31	16.30	* * * *
PS Dynmc Retail	PMRD	EA	18.00	10.16	-2.27	3.47	0.52	3.55	25.37	* * * *
PS Fincl Pfd	PGFD	EGI	9.09	6.63	3.76	1.20	0.16	2.38	18.49	* * * *
PS Hi Yld Eqty Div	PEYD	EGI	8.09	4.45	2.89	2.67	-0.52	1.88	9.62	* * * *
PS Mrngstr Stk	PYHD	ELC	14.17	9.56	4.06	3.83	-1.26	3.51	22.80	* * * *
PS RvrFrnt Tac G&I	PCAD	EGI	11.21	5.40	0.86	2.88	0.71	2.42	13.11	* * * *
Select SPDR Cnsmr Disc	XLYD	EA	18.07	11.50	1.01	5.81	-1.54	3.89	46.07	* * * *
Select SPDR Div	SDYD	EGI	2.94	14.62	3.30	-1.75	2.00	2.47	55.65	* * * *
Select SPDR Financis	XLFD	EA	17.82	13.12	3.04	8.45	1.98	5.78	15.90	* * * *
Select SPDR Utilities	XLUD	EA	5.87	6.39	3.46	-2.70	1.39	1.88	36.90	* * * *
Vngrd Consmr Dis	VCRD	EA	18.02	12.96	2.23	7.33	-0.86	4.10	74.34	* * * *
Vngrd Fincl Srv	VFHD	EA	17.31	11.98	2.59	7.01	1.59	5.33	33.28	* * * *
Vngrd Utilities	VPUD	ELC	6.33	6.58	3.74	-2.07	1.31	1.88	79.00	* * * *
Wtree Div Ex Fincl	DTND	ELC	10.96	5.64	2.43	1.56	-0.67	2.45	55.98	* * * *
Wtree Eqty Income	DHSD	EGI	13.47	8.85	3.38	-0.55	-1.20	2.35	46.75	* * * *
Wtree Intrntl REIT	DRWD	ERE	18.55	14.98	9.05	6.10	1.77	5.63	29.40	* * * *
Wtree LrgCap Div	DLND	ELC	13.52	7.44	1.96	0.93	-1.19	2.74	53.99	* * * *

We added about 35 new ETFs to the database. I expect to update these rankings by next week. (I apologize the extra time it is taking, but I'm moving these to the new data provider.)

This page shows the top ranked ETF Growth Database. It shows performance over the last 12, 9, 6, 3, and 1 months through the previous month's end. V is Volatility. NAV is price. CS is Comet Strength (not shown). C is Comet, which is an ETF's risk-adjusted performance; the higher the better (not shown). This gives us the Rank column (shown).

Generally speaking, we want to own the top-ranked ETFs with 5 and 4 comets. (Comets, not stars, because unlike stars that are fixed, comets come into and out of prominence. We want our thinking, our metaphor aligning with reality.

# Middle ETF Growth Ranking to same month end

Fund Name	D Symbol	Style	12m	9m	6m	3m	1m	V	NAV	Rank
Guggnhm Airline	FAAD	EA	5.02	-3.53	1.54	3.66	4.30	5.49	30.33	* * *
Guggnhm China All	YAOD	EWR	3.36	1.47	-0.33	10.11	5.92	7.45	24.17	***
Guggnhm China Sml	HAOD	EWR	0.09	1.52	-2.96	13.05	7.84	8.61	21.31	* * *
Guggnhm Frntr	FRND	EW	-0.50	-1.49	-6.21	2.97	-1.64	4.91	19.78	* * *
Guggnhm Glbl Wtr	CGWD	EW	8.58	8.09	0.71	3.09	-1.43	3.80	21.38	* * *
Guggnhm Insdr Sent	NFOD	EMC	7.98	7.34	0.81	5.29	-0.66	5.14	34.64	***
Guggnhm MidCap Core	CZAD	EMC EV	13.05	6.69	0.98	3.18	-0.50	3.46	33.19	* * *
Guggnhm Multi Ast In Guggnhm RJ All	CVYD RYJD	ELC	8.40 9.80	4.23 3.51	1.51 -3.15	1.79 2.80	-0.63 -0.31	2.93 4.50	22.20 22.73	* * *
Guggnhm Timber	CUTD	EA	8.81	5.53	4.65	12.11	2.72	5.53	18.89	***
iShares Australia	EWAD	EW	3.54	4.95	3.10	6.04	3.32	6.17	24.58	* * *
iShares Canada	EWCD	EW	0.89	1.35	0.46	8.37	0.00	4.59	28.49	* * *
iShares China	FXID	EW	2.01	-5.27	-3.01	7.53	6.32	7.05	36.78	* * *
iShares Cohen&Str REIT	ICFD	ERE	9.04	3.25	-2.39	-4.39	-1.27	4.68	76.86	* * *
iShares EAFE Indx	EFAD	EW	2.28	2.75	-0.33	7.15	1.08	4.68	53.58	* * *
iShares Emrg Mrkt Stk	EEMD	EW	0.82	-2.28	-2.52	5.19	-0.42	6.15	41.15	* * *
iShares Europe 350	IEVD	EW	3.66	4.36	1.89	9.53	1.67	5.30	37.13	* * *
iShares Gold	IAUD	EG	-0.06	-1.30	3.27	6.62	-2.95	5.33	16.76	* * *
iShares REIT	IYRD	ERE	11.81	5.68	0.14	-2.19	-0.59	4.27	64.00	* * *
iShares Russel 2000	IWMD	ESC	10.30	3.30	0.20	4.19	-2.17	4.71	81.63	* * *
iShares Silver	SLVD	EG	-6.49	-3.13	3.85	15.30	-6.60	9.66	31.27	* * *
iShares Singapore	EWSD	EW	8.90	7.75	2.65	1.52	-0.52	6.20	13.34	***
iShares Slct Div	IDVD	ELC	2.30	3.90	1.96	6.32	2.62	4.92	32.45	* * *
iShares Spain	EWPD	EW	-19.49	-8.31	8.95	23.83	2.46	8.34	28.37	* * *
PS Aerospace & Def	PPAD	EA	10.81	4.31	0.55	5.46	1.06	3.58	20.09	* * *
PS BLDR Dvlpd Mrkt 100 ADR	ADRDD	EW	0.94	1.86	0.57	5.63	0.47	4.68	19.95	* * *
PS BLDR Europe 100 ADR	ADRUD	EW	1.91	4.86	4.26	8.97	1.78	5.14	20.28	* * *
PS DB Agriculture	DBAD	EA	-4.87	-0.24	6.01	-3.98	-1.63	3.98	28.93	* * *
PS DB Gold	DGLD DBPD	EG EG	-1.56	-2.36	2.57	6.38	-3.13	5.30 5.96	59.17 59.24	* * *
PS DB Precious Metals PS DB Silver	DBSD	EG	-2.61 -7.13	-2.57 -3.62	2.74 3.13	8.00 15.61	-3.92 -6.94	9.90	59.24 55.61	* * *
PS DWA Dvlpd Mrkt T Ldrs	PIZD	ELC	4.23	5.25	0.59	9.33	2.10	5.67	19.46	* * *
PS DWA Emrg Mrkt T Ldrs	PIED	EW	7.43	2.40	-2.72	4.23	1.33	5.31	17.49	* * *
PS DWA Tech Ldr	PDPD	ELC	13.73	9.51	-1.65	3.47	-0.51	3.58	27.41	* * *
PS Dyn Mrkt	PWCD	ELC	12.60	8.85	0.47	1.56	-2.81	4.68	47.01	* * *
PS Dyn OTC	PWOD	ESC	15.88	7.79	-5.07	0.99	-2.23	4.74	48.98	* * *
PS Dynmc Banking	PJBD	EA	21.76	8.58	1.18	2.66	-3.35	5.09	13.54	* * *
PS Dynmc Basic Matrl	PYZD	EA	15.35	3.38	-0.60	6.87	-0.65	5.94	37.94	* * *
PS Dynmc Biotech	PBED	EA	9.60	1.73	0.18	-2.67	-7.82	4.88	22.27	* * *
PS Dynmc Consmr Discr	PEZD	EA	13.88	9.96	-1.48	4.12	-2.07	4.45	29.38	* * *
PS Dynmc Consmr Staples	PSLD	EA	7.29	6.72	1.38	0.77	-1.60	2.31	33.16	* * *
PS Dynmc Energy	PXID	EA	6.97	4.15	2.35	4.91	-2.15	6.45	41.44	* * *
PS Dynmc Energy Explor	PXED	EA	12.13	8.16	5.83	8.89	-3.42	7.44	25.97	* * *
PS Dynmc Food & Bev	PBJD	EA	3.67	2.70	-0.15	-0.30	-2.08	2.08	19.75	* * *
PS Dynmc Healthcare	PTHD	EA	15.45	10.57	1.27	4.15	-3.79	4.31	32.79	* * *
PS Dynmc Indstris	PRND	EA	10.21	2.79	0.69	6.65	2.72	4.51	30.25	* * *
PS Dynmc Lrg Cap Grth	PWBD	ELC	14.73	10.49	-1.01	2.04	-2.22	3.96	18.54	* * *
PS Dynmc Software	PSJD	EA	8.72	9.83	0.60	3.88	-2.49 1.60	4.63	27.05	* * *
PS Emrg Mrkt Infrastrctr PS FTSE RAFI Asia Pac xJpn	PXRD PAFD	EW EW	-2.67 5.56	-5.47 5.31	-5.84 3.73	6.11 5.43	1.69 1.28	7.54 6.31	39.80 53.77	* * *
PS FTSE RAFI ASIA FAC XSPII	PXFD	EW	-0.98	-0.20	-0.46	9.07	1.78	5.60	34.27	* * *
PS FTSE RAFI DVID Mrkt xUSA Sml	PDND	EW	1.41	1.00	-0.40	7.78	1.55	4.57	22.30	* * *
PS FTSE RAFI US 1500 Sml-Mid	PRFZD	EMC	10.26	3.43	-0.34	5.22	-1.49	4.95	66.71	* * *
PS Glbl Agriculture	PAGGD	EA	0.41	1.80	-0.17	1.42	-1.27	5.57	29.63	* * *
PS Glbl Gold Precious Mtls	PSAUD	EG	-8.40	-6.19	12.17	24.13	1.89	7.80	41.34	* * *
PS Glbl Listd Prvt Eqty	PSPD	EW	10.74	9.49	4.64	8.63	2.65	6.46	9.69	* * *
PS Glbl Water	PIOD	EW	0.12	-0.53	-4.02	1.74	-2.08	4.86	16.94	* * *
PS Ibtsn Altrntv	PTOD	ELC	1.28	0.76	0.67	3.91	-0.33	3.60	11.64	* * *
PS Intrntl Dvdnd	PIDD	EW	0.53	2.82	-0.46	4.25	0.59	3.63	15.29	* * *
PS Mega Cap	PMAD	ELC	10.92	7.00	0.26	3.40	-1.15	3.75	29.35	* * *
PS NASDAQ Intrnt	PNQID	EA	9.87	6.82	-3.80	1.83	-5.84	5.48	39.53	* * *
PS QQQ	QQQ_OD	ELC	12.08	7.30	-2.71	0.23	-5.28	4.48	64.95	* * *

This shows the ETF Growth Database and Ranking. It shows performance over the last 12, 9, 6, 3, and 1 months through the previous month's end. V is Volatility. NAV is price. Rank shows the number of comets from 5 to 1. The larger the better.

## Middle ETF Growth Ranking to same month end

PS SAP 500 BuyWrite PS SAP 500 BuyWrite PS SAP 500 BuyWrite PS SAP 500 BuyWrite PS SAP SmiCap Cnamr Dis PS SAP SmiCap Cnamr Dis PS SAP SmiCap Finel PSCDD EA 18.13 9.49 1.36 6.07 2.90 5.11 32.13 PS SAP SmiCap Finel PS CDD EA 18.13 9.49 1.36 6.07 2.90 5.11 32.13 PS SAP SmiCap Finel PSCDD EA 18.12 6.00 9.061 5.20 2.90 5.11 32.13 PS SAP SmiCap Finel PSCDD EA 14.52 7.15 1.34 1.74 1.43 4.05 30.36 PS SAP SmiCap Inhot Gre PS CDD EA 18.52 7.75 1.31 1.11 1.4 1.53 1.50 30.30 PS SAP SmiCap Inhot Tech PS CDD EA 18.8 3.00 2.42 1.59 2.46 7.3 24.5 1.50 3.30 PS SAP SmiCap Inhot Tech PSCDD EA 5.86 3.01 2.24 1.59 2.46 7.3 24.5 1.50 3.30 PS SAP SmiCap Inhot Tech PSCDD EA 5.86 3.01 2.42 1.59 2.40 1.70 9.50 30.30 PS SAP SmiCap Inhot Tech PSCDD EA 2.65 0.88 4.95 0.83 3.70 2.63 30.98 PS SAP SmiCap Inhot Tech PS CDD EA 2.65 0.88 4.95 0.83 3.70 2.63 30.98 PS Water Resources PHOD EA 14.20 7.01 4.16 0.91 0.26 4.00 19.54 PS Witer Resources PHOD EA 14.20 7.01 4.16 0.91 0.26 4.00 19.54 PS Witer Resources PHOD EA 14.20 7.01 4.16 0.91 0.26 4.00 19.54 PS Witer Resources PHOD EA 14.20 7.01 4.16 0.91 0.26 4.00 19.54 PS Witer Resources PHOD EA 14.20 7.01 4.16 0.91 0.26 4.00 19.54 PS Witer Save SmiCar Promy PS Zacks Micro Cap PZID ESC 11.76 4.00 0.46 4.0 2.46 5.36 11.40 Select SPDR Endry XLED EA 3.20 1.77 0.98 3.29 2.05 5.19 1.79 4.10 Select SPDR Rendy XLED EA 3.20 1.77 0.98 3.29 2.05 5.19 1.79 4.10 Select SPDR Rendy XLED EA 3.20 1.77 0.98 3.29 2.05 5.19 1.79 3.0 4.00 0.00 0.00 0.00 0.00 0.00 0.00	Fund Name	D Symbol	Style	12m	9m	6m	3m	1m	V	NAV	Rank
PS SAP SmiCap Cnem Dis PS CDD PS SAP SmiCap Cnem Stpt PS CAP SmiCap Enam Stpt PS CAP SmiCap Enam Stpt PS SAP SmiCap Enam Stpt PS SAP SmiCap Hith Care PS CAP SmiCap India Smith PS SAP SmiCap India Smith PS SMICA Smith PS SMICAP Smith PS SMITH	PS RvrFrnt Tac Bal			4.04	1.77	-2.34	0.41	-2.18	3.36	12.10	* * *
PS SAP SmiCap Cnam Sip	PS S&P 500 BuyWrite	PBPD	ELC	0.68	3.30	-0.05	0.34	-0.77	2.93	20.66	* * *
PS SAP SmiCap Chann Stpl PS CCD PS SAP SmiCap Finel PS CFD PS SAP SmiCap Hith Care PS CFD PS SMICAP HITH CARE PS CFD PS SMICAP HITH CARE PS CFD PS Water Resources PHOD EA 14.20 PS Water Resources PHOD EA 14.20 PS Water Resources PHOD EA 14.20 PS Water Resources PS CFD PS Water Resource PS Water Resource PS CFD PS Water Res PS Water Resource PS CFD PS Water Resource PS Water Resource PS	PS S&P SmlCap Cnsmr Dis			18.13	9.49	1.36	6.07	-2.90	5.11	32.13	* * *
PS SAP SinCap Finct         PSCFD         EA         14,52         7,15         1,34         1,74         -1,40         4,05         30,36         ************************************	PS S&P SmlCap Cnsmr Stpl	PSCCD	EA	10.22	6.60	0.09	-0.61	-5.15	2.98	34.09	* * *
PS SAP SmiCap Intihic Care PS SAP SmiCap Intihic Care PS SAP SmiCap Indistrils PSCID EA 1.10.8 1.51.1 1.08 1.51.1 1.08 1.51.1 1.08 1.51.1 1.08 1.51.1 1.08 1.51.1 1.08 1.51.1 1.08 1.51.1 1.08 1.51.1 1.08 1.51.1 1.08 1.51.1 1.08 1.51.1 1.08 1.51.1 1.08 1.08 1.08 1.08 1.08 1.08 1.08 1	PS S&P SmlCap Fincl	PSCFD	EA	14.52	7.15	1.34	1.74		4.05	30.36	* * *
PS SAP SmiCap Inditaris PS SAP SmiCap Unities PS SAP SmiCap Unities PS SAP SmiCap Unities PS SAP SmiCap Unities PS US PS SAP SmiCap Unities PS US PS US PS SMICAP Unities PS US PS US PS SMICAP Unities PS US PS US PS SMICAP Unities PS Water Resources PHOD EA 14.20 7.01 4.16 5.91 0.25 4.00 19.54 PS Water Resources PHOD EA 14.20 7.01 4.16 5.91 0.25 4.00 19.54 PS Water Resources PHOD EA 14.20 7.01 4.16 5.91 0.25 6.33 0.98  *** PS Water Resources PHOD EA 14.20 7.01 4.16 5.91 0.25 6.38 0.39 4.29 5.00 PS Water Resources PS Wider Resources PHOD EA 14.20 7.01 4.16 5.91 0.25 6.38 19.54 PS Water Resources PS Wider Resources PLOW EA 14.20 7.01 4.16 5.91 0.25 6.38 19.54 PS Water Resources PS Wider Resources PS Wider Resources PLOW EA 14.20 7.01 4.16 5.91 0.25 6.38 19.50 PS Zacks Micro Cap PZID ESC 11.78 4.60 0.46 4.40 2.46 5.36 11.40  *** Salect SPDR Enrgy XLED EA 3.20 17.79 0.98 3.29 6.38 4.95 Salect SPDR Matris XLIBD EA 9.18 0.74 1.14 1.30 0.011 3.73 36.49  *** Salect SPDR Matris XLIBD EA 4.59 3.09 1.74 3.42 2.09 5.11 3.03 0.11 Salect SPDR Technigy XLKD EA 11.00 6.81 3.18 1.133 1.63 4.16 28.87 *** SPDR D I Industrials DIAD ELC 9.44 3.59 9.31 0.70 2.25 3.12 13.06 0 *** SPDR D I Industrials DIAD ELC 9.44 3.59 9.31 0.70 2.25 3.12 13.06 0 *** SPDR Sale Solo SPYD ELC 12.63 7.64 1.06 2.44 1.32 5.70 0.00 *** SPDR Wish REIT RWED ER EN 2.22 4.13 3.06 6.81 1.41 3.50 SPDR Sale Solo SPYD ELC 12.63 7.64 1.06 2.44 1.32 5.95 5.05 13.92 2.37 5.00 0 *** Vingrd Enrig Mirkt VMOD EW 0.08 1.197 0.49 3.11 0.05 6.21 1.19 1.05 6.81 1.19 1.10 1.19 1.19 1.19 1.19 1.19 1.1	PS S&P SmlCap Hith Care	PSCHD	EA	12.61	4.50	-1.31	-1.14	-6.72	4.57	34.24	* * *
PS SAP SmiCap Info Tech         PSCTD         EA         5.88         3.02         4.24         1.59         2.08         4.77         2.955         ****           PS URS PS SmiCap Unitities         PSCUD         EA         2.65         0.88         4.95         -0.88         3.07         2.63         3.09         ************************************	•	PSCID	EA	11.08	3.51	2.12	7.80	0.09	5.00	30.30	* * *
PS SAP SINCIP Utilities         PSCUD         EA         2.65         0.88         4.95         -0.83         -3.70         2.63         30.98         ****           PS Water Resources         PHOD         EA         1.42         0.70         4.18         6.91         0.98         4.28         55.69         *****           PS Water Resources         PHOD         EA         1.42         0.70         4.18         6.91         0.26         460         1.95         4.97         5.43         2.26         6.83         24.95         ****           PS Zakes Micro Cap         PZID         ESC         11.78         4.60         0.46         0.44         -2.46         5.38         11.40         ****           Select SPDR Terry         XLED         EA         3.20         1.77         1.44         1.90         0.11         3.73         36.49         1.14         ****           Select SPDR Terry         XLED         EA         4.59         3.09         9.17         4.95         0.91         0.11         3.73         36.49         1.16         2.00         1.17         3.12         2.09         5.91         3.00         3.77         3.00         3.72         3.00         3.77	· ·	PSCTD	EA	5.88	-3.02	-4.24	1.59	-2.08	4.77	29.55	* * *
PS USR EIT         PSRD         ERE         9.71         4.50         -0.68         3.01         -0.93         4.28         55.69         ************************************	· ·										* * *
PS Water Resources							-3.01				* * *
PS WilderHill Prigsv Enrigy PS Zacks Micro Cap PS Zack Mic		PHOD	EA	14.20		4.16	5.91		4.60		* * *
Select SPDR Indi   Select SPDR Indi   Select SPDR Indi   XLID   EA   3.20   1.77   0.98   0.46   4.40   2.46   5.38   11.40   ***   Select SPDR Indi   XLID   EA   3.18   0.74   -1.41   1.90   -0.11   3.73   36.49   ***   Select SPDR Matris   XLBD   EA   4.59   3.09   -1.74   3.42   2.09   5.19   36.03   ***   Select SPDR Indi   XLID   EA   4.59   3.09   -1.74   3.42   2.09   5.19   36.03   ***   Select SPDR Technigy   XLKD   EA   11.00   6.81   5.318   3.13   6.34   4.16   28.87   ***   SPDR DJ Indivatirals   DIAD   ELC   9.44   3.59   0.91   4.95   0.70   2.57   3.12   130.60   ***   SPDR DJ Indivatrials   DIAD   ELC   9.44   3.59   0.91   0.70   2.57   3.12   130.60   ***   SPDR SPDR SPOR Gold   GLDD   EG   6.03   6.14   6.18   6.18   6.18   4.18   6.13   4.	PS WilderHill Prgsv Enrgy	PUWD		24.75	10.73	-4.97	5.43	2.58	6.38	24.95	* * *
Salect SPDR Indi   XLID	-	PZID	ESC	11.78	4.60	0.46	4.40	-2.46	5.36	11.40	* * *
Select SPDR Matrix   XLBD   EA	Select SPDR Enrgy	XLED	EA	3.20	1.77	0.98	3.29	-2.04	5.91	71.94	* * *
Select SPDR Matris   XLBD   EA   4.59   3.09   -1.74   3.42   -2.09   5.19   36.03   ***   Select SPDR Technigy   XLKD   EA   11.00   6.81   -3.18   -1.33   -6.34   4.16   28.87   ***   SPDR DJ Industrials   DIAD   ELC   9.44   3.59   -0.91   0.70   -2.57   3.12   130.60   ***   SPDR EUR STOKX 50   FEZD   EW   -1.15   2.05   5.45   13.92   2.87   6.81   31.92   ***   SPDR Gold   GLDD   EG   -0.30   -1.46   3.06   6.61   -2.94   5.30   168.83   ***   SPDR SPDR SPO   SPYD   ELC   12.63   7.64   1.06   2.64   -1.82   3.61   141.35   ***   SPDR Wish REIT   RWRD   ERE   10.22   4.13   -2.27   -3.96   -0.89   4.63   71.32   ***   Vingrd DIV Appretin   VIGD   EGI   1.25   16.26   3.73   3.18   1.59   2.96   56.69   ***   Vingrd Extrid 4500   VXFD   ELC   11.38   5.31   -0.17   4.86   -1.39   4.59   58.73   ***   Vingrd Extrid 4500   VXFD   ELC   11.38   5.31   -0.17   4.86   -1.39   4.59   58.73   ***   Vingrd Large Cap   VVD   ELC   12.52   7.39   0.77   2.75   -1.77   3.65   64.53   ***   Vingrd Materials   VAWD   ELC   7.44   -0.20   0.23   5.69   -1.46   5.53   81.69   ***   Vingrd Materials   VAWD   ELC   7.44   -0.20   0.23   5.69   -1.46   5.53   81.69   ***   Vingrd Small Cap   VBD   ESC   11.65   6.01   1.37   4.93   -1.43   4.66   78.99   ***   Vingrd Small Cap Value   VBRD   ESC   11.65   6.01   1.37   4.23   -1.43   4.66   78.99   ***   Vingrd Small Cap Value   VBRD   ESC   12.26   6.50   2.47   5.14   -0.70   4.35   71.40   ***   Vingrd TTL Intent Sik   VXUSD   EW   0.29   1.53   -0.29   5.19   0.81   5.08   4.45   ***   Vingrd TTL Stock   VTID   ELC   12.51   7.05   0.72   2.66   1.81   3.73   72.32   ***   Wiree DIEFA   DIWIM   EW   -1.11   1.72   -0.07   5.51   1.04   4.68   4.38   ****   Wiree Emrg Mrkt SC Div   DEW   EW   -3.62   -4.21   -1.35   -4.65   5.80   5.80   5.80   -**   Wiree Emrg Mrkt SC Div   DEW   EW   -3.62   -4.21   -1.35   -4.65   5.60   -4.65   5.80   -4.65   -4.80   -4.80   -4.80   -4.80   -4.80   -4.80   -4.80   -4.80   -4.80   -4.80   -4.80   -4.80   -4.80   -4.80   -4.80   -4.8	Select SPDR Indl	XLID	EA	9.18	0.74	-1.41	1.90	-0.11	3.73	36.49	* * *
SPDR DJ Glol Titans   DGTD   EW   2.06   0.34   -0.79   4.95   0.26   4.32   53.70	Select SPDR Matris	XLBD	EA	4.59	-3.09	-1.74	3.42	-2.09	5.19	36.03	* * *
SPDR DJ Industrials         DIAD         ELC         9.44         3.59         -0.91         0.70         2.57         3.12         130.60         ****           SPDR Gold         GLDD         EG         -0.30         -1.46         3.06         6.61         -2.94         5.00         166.83         ****           SPDR S&P 500         SPYD         ELC         12.63         7.64         1.06         2.64         -1.82         3.61         141.35         ****           SPDR WISH REIT         RWRD         ERE         10.22         4.13         -2.27         -3.96         -0.89         4.63         71.32         ****           Vngrd Div Appretn         VIGD         EGI         1.25         16.26         3.73         -3.18         1.59         2.98         56.69         ****           Vngrd Emrg Mrkt         VWOD         EW         -0.08         -1.97         -2.49         3.71         -0.54         6.21         41.49         *****           Vngrd Graft         VUGD         ELC         11.38         5.31         -0.17         4.86         6.21         41.49         *****           Vngrd Graft         VUGD         ELC         12.33         6.84         -0.89	Select SPDR Technigy	XLKD	EA	11.00	6.81	-3.18	-1.33	-6.34	4.16	28.87	* * *
SPDR Euro Stoxx 50         FEZD         EW         -1.15         2.05         5.45         13.92         2.27         6.81         31.92         ****           SPDR Gold         GLDD         EG         -0.30         -1.46         3.06         6.61         -2.94         5.30         166.83         ****           SPDR SAP 500         SPYD         ELC         12.63         76.4         1.06         2.64         -1.82         3.61         14.35         ****           SPDR Wish REIT         RWRD         ERE         10.22         4.13         -2.27         -3.96         -0.89         4.63         71.32         ****           Vngrd Div Appretin         VIGD         EGI         1.25         16.26         3.73         -3.18         1.59         2.98         56.69         ****           Vngrd Extnd 4500         VKFD         ELC         11.38         5.31         -0.17         4.86         -1.39         4.59         58.73         ****           Vngrd Grath         VUGD         ELC         11.23         6.84         -0.89         1.87         -1.47         3.85         64.53         ****           Vngrd Materials         VAWD         ELC         7.44         -0.20	SPDR DJ Glbl Titans	DGTD		2.06	0.34	-0.79	4.95	0.26	4.32	53.70	* * *
SPDR Gold   GLDD   EG   -0.30   -1.46   3.06   6.61   -2.94   5.30   166.83   ***   SPDR S&P 500   SPYD   ELC   12.63   7.64   1.06   2.64   -1.82   3.61   141.35   ***   SPDR WISH REIT   RWRD   ERE   10.22   4.13   -2.27   -3.96   -0.89   4.63   71.32   ***   Vngrd Div Apprctn   VIGD   EG   1.25   16.26   3.73   -3.18   1.59   2.98   56.69   ***   Vngrd Emrg Mrkt   VWOD   EW   -0.08   -1.97   -2.49   3.71   -0.54   6.21   41.49   ***   Vngrd Emrg Mrkt   VWOD   EW   -0.08   -1.97   -2.49   3.71   -0.54   6.21   41.49   ***   Vngrd Grth   VUGD   ELC   12.33   6.84   -0.89   1.87   -3.14   3.92   70.13   ***   Vngrd Large Cap   VVD   ELC   12.52   7.39   0.77   2.75   -1.77   3.65   64.53   ***   Vngrd MidCap Val   VOD   EMC   8.97   4.55   -1.04   3.88   -1.15   4.11   80.23   ***   Vngrd Small Cap   VBD   ESC   11.65   6.01   1.37   4.93   -1.43   4.65   78.99   ***   Vngrd Small Cap Grth   VBRD   ESC   10.82   5.23   0.07   4.23   -2.37   4.99   86.15   ***   Vngrd Small Cap Value   VBRD   ESC   12.26   6.50   2.47   5.14   -0.70   4.35   71.40   ***   Vngrd TriL Intrntl Stk   VXUSD   EW   -2.29   1.55   -0.29   5.19   0.81   5.08   44.57   ***   Vngrd TrIL Intrntl Stk   VXUSD   EW   -2.04   1.86   1.91   6.42   0.42   4.65   38.46   ***   Vngrd TrIL Stock   VTID   ELC   12.51   7.05   0.72   2.66   -1.63   3.78   4.30   3.78   4.29   ***   Wtree DEFA   DWMD   EW   1.11   1.72   -0.07   5.51   1.04   4.63   43.88   ***   Wtree DEFA   DWMD   EW   -2.04   1.66   1.91   6.42   0.42   4.65   38.46   ***   Wtree Emrg Mrkt SC Div   DGSD   EW   5.24   0.15   -3.98   4.62   0.50   5.26   45.63   ***   Wtree Intrntl Div   DGDD   EW   -9.25   -5.62   -1.04   9.08   -7.88   3.65   ***   Wtree Intrntl Div   DGDD   EW   -9.26   -5.62   -1.04   9.08   -7.88   3.75   ***   Wtree Intrntl MC Div   DIMD   EW   -9.26   -5.62   -1.04   9.08   -7.88   3.75   ***   Wtree Intrntl MC Div   DIMD   EW   -9.26   -0.67   -0.75   5.8   6.53   -7.89   3.75   ***   Wtree Intrntl MC Div   DIMD   EW   -9.26   -5.62   -1.04   -9.25   -5.85	SPDR DJ Industrials	DIAD	ELC	9.44	3.59	-0.91	0.70	-2.57	3.12	130.60	* * *
SPDR Gold         GLDD         EG         -0.30         -1.46         3.06         6.61         -2.94         5.30         166.83         ************************************	SPDR Euro Stoxx 50	FEZD	EW	-1.15	2.05	5.45	13.92	2.87	6.81	31.92	* * *
SPDR S&P 500         SPYD         ELC         1.263         7.64         1.06         2.64         1.82         3.61         141.35         ****           Vngrd Div Appretn         VIGD         EGI         1.22         4.13         2.27         3.96         -0.89         4.63         71.32         ****           Vngrd Emrg Mrkt         VWOD         EGI         1.25         1.62         3.73         -3.18         1.59         2.98         56.69         ****           Vngrd Emrg Mrkt         VWOD         EW         -0.08         1.97         -2.49         3.71         -0.54         6.21         41.49         ****           Vngrd Stand 4500         VXFD         ELC         11.38         5.31         -0.17         4.86         -1.39         4.59         58.73         ****           Vngrd Large Cap         VVD         ELC         12.39         0.77         2.75         1.17         3.65         64.53         ****           Vngrd MidCap Val         VOD         EMC         8.97         4.55         -1.04         3.88         -1.15         4.11         80.23         ****           Vngrd Small Cap         VBD         ESC         11.65         6.01         1.37		GLDD		-0.30	-1.46	3.06	6.61	-2.94	5.30	166.83	* * *
Vingrd Emil Cap Carth	SPDR S&P 500	SPYD	ELC	12.63	7.64	1.06	2.64	-1.82	3.61		* * *
Vingrd Emrig Mrkt         VWOD         EW         -0.08         -1.97         -2.49         3.71         -0.54         6.21         41.49         ****           Vngrd Extnd 4500         VXFD         ELC         11.38         5.31         -0.17         4.86         -1.39         4.59         58.73         ****           Vngrd Brad Large Cap         VVD         ELC         12.52         7.39         0.77         2.75         -1.77         3.65         64.53         ****           Vngrd Maderials         VAWD         ELC         7.44         -0.20         0.23         5.69         -1.46         5.53         81.69         ****           Vngrd MidCap Val         VOD         EMC         8.97         4.55         -1.04         3.88         -1.15         4.11         80.23         ****           Vngrd Small Cap         VBD         ESC         11.65         6.01         1.37         4.93         -1.43         4.65         7.89         ****           Vngrd Small Cap Grith         VBRD         ESC         11.65         6.01         1.37         4.93         -1.43         4.65         7.89         ******           Vngrd Tsmall Cap Value         VBRD         ESC         11.62 </th <th>SPDR Wish REIT</th> <th>RWRD</th> <th>ERE</th> <th>10.22</th> <th>4.13</th> <th>-2.27</th> <th>-3.96</th> <th>-0.89</th> <th>4.63</th> <th>71.32</th> <th>* * *</th>	SPDR Wish REIT	RWRD	ERE	10.22	4.13	-2.27	-3.96	-0.89	4.63	71.32	* * *
Vingrd Extind 4500   VXFD   ELC   11.38   5.31   -0.17   4.86   -1.39   4.59   58.73   ***   Vingrd Grth   VUGD   ELC   12.33   6.84   -0.89   1.87   -3.14   3.92   70.13   ***   Vingrd Materials   VAWD   ELC   7.44   -0.20   0.23   5.69   -1.46   5.53   81.69   ***   Vingrd Materials   VAWD   ELC   7.44   -0.20   0.23   5.69   -1.46   5.53   81.69   ***   Vingrd MidCap Val   VOD   EMC   8.97   4.55   -1.04   3.88   -1.15   4.11   80.23   ***   Vingrd Small Cap   VBD   ESC   10.82   5.23   0.07   4.23   -2.37   4.99   86.15   ***   Vingrd Small Cap Value   VBRD   ESC   10.82   5.23   0.07   4.23   -2.37   4.99   86.15   ***   Vingrd Small Cap Value   VBRD   ESC   12.26   6.50   2.47   5.14   -0.70   4.35   71.40   ***   Vingrd Tech   VGTD   EA   7.69   3.62   -5.60   -0.67   -6.50   4.83   68.63   ***   Vingrd TL Stock   VTID   ELC   12.51   7.05   0.72   2.86   -1.81   3.73   72.32   ***   Vingrd TL Stock   VTID   ELC   12.51   7.05   0.72   2.86   -1.81   3.73   72.32   ***   Wtree DEFA   Eqty Incm   DTHD   EW   -2.04   1.86   1.91   6.42   0.42   4.65   38.46   ***   Wtree Eing Mrkt SC Div   DGSD   EW   5.24   0.15   -3.98   4.82   -0.50   5.26   45.63   ***   Wtree Gibl Eqty Incm   DFED   EW   3.62   4.21   -1.35   12.96   1.27   5.78   37.39   ***   Wtree Intrntl Div Ex Fincl   DOOD   EW   -3.62   -0.64   -0.67   5.86   0.55   4.19   40.26   ***   Wtree Intrntl Div Ex Fincl   DOOD   EW   -3.62   -0.64   -0.67   5.86   0.55   4.19   40.26   ***   Wtree Intrntl MC Div   DIMD   EW   0.80   -0.81   5.95   0.87   4.71   4.72   ***   Wtree Intrntl MC Div   DIMD   EW   0.80   -0.80   -0.81   5.95   0.87   4.71   4.77   ***   Wtree Intrntl MC Div   DIMD   EW   0.80   -0.80   -0.81   5.95   0.87   4.71   4.87   4.66   ***   Wtree MidCap Div   DIMD   EW   0.80   -0.80   -0.81   5.95   0.87   4.71   4.77   ***   Wtree MidCap Earn   EZMD   EMC   10.14   2.52   -0.84   5.91   -0.18   3.79   50.05   ***   Wtree Sml Cap Div   DISD   ESC   12.47   4.82   3.15   4.62   -0.95   3.79   50.05   ***   Wtree Sml Cap Div   DIS	Vngrd Div Appretn	VIGD	EGI	1.25	16.26	3.73	-3.18	1.59	2.98	56.69	* * *
Vingrd Grth	Vngrd Emrg Mrkt	VWOD			-1.97	-2.49	3.71	-0.54	6.21	41.49	* * *
Vingrd Large Cap	Vngrd Extnd 4500	VXFD	ELC	11.38	5.31	-0.17	4.86	-1.39	4.59	58.73	* * *
Vingrd Materials	Vngrd Grth	VUGD	ELC	12.33	6.84	-0.89	1.87	-3.14	3.92	70.13	* * *
Vngrd MidCap Val         VOD         EMC         8.97         4.55         -1.04         3.88         -1.15         4.11         80.23         ****           Vngrd Small Cap         VBD         ESC         11.65         6.01         1.37         4.93         -1.43         4.65         78.99         ****           Vngrd Small Cap Grth         VBKD         ESC         10.82         5.23         0.07         4.23         -2.37         4.99         86.15         ****           Vngrd Small Cap Value         VBRD         ESC         12.26         6.50         2.47         5.14         -0.70         4.35         71.40         ****           Vngrd TEch         VGTD         EA         7.69         3.62         -5.60         -0.67         -6.50         4.83         68.63         ****           Vngrd TTL Intrntl Stk         VXUSD         EW         0.29         1.53         -0.29         5.19         0.81         5.08         44.57         ****           Vngrd TTL Intrntl Stk         VXUSD         EW         0.29         1.53         -0.29         5.19         0.81         3.63         8.63         ****           Vngrd TTL Stock         VTID         ELC         12.51	Vngrd Large Cap	VVD	ELC	12.52	7.39	0.77	2.75	-1.77	3.65	64.53	* * *
Vigra Small Cap	Vngrd Materials	VAWD	ELC	7.44	-0.20	0.23	5.69	-1.46	5.53	81.69	***
Vngrd Small Cap Grth         VBKD         ESC         10.82         5.23         0.07         4.23         2.37         4.99         86.15         ***           Vngrd Small Cap Value         VBRD         ESC         12.26         6.50         2.47         5.14         -0.70         4.35         71.40         ***           Vngrd Trch         VGTD         EA         7.69         3.62         -5.60         -0.67         -6.50         4.83         68.63         ***           Vngrd TTL Intrntl Stk         VXUSD         EW         0.29         1.53         -0.29         5.19         0.81         5.08         44.57         ***           Vngrd TTL Stock         VTID         ELC         12.51         7.05         0.72         2.86         -1.81         3.73         72.32         ***           Wtree DEFA         DWMD         EW         1.11         1.72         -0.07         5.51         1.04         4.63         43.88         ***           Wtree DEFA Eqty Incm         DTHD         EW         -2.04         1.86         1.91         6.42         0.42         4.65         38.46         ***           Wtree Eur SC Div         DFED         EW         3.62         4.21 <th>Vngrd MidCap Val</th> <th>VOD</th> <th>EMC</th> <th>8.97</th> <th>4.55</th> <th>-1.04</th> <th>3.88</th> <th>-1.15</th> <th>4.11</th> <th>80.23</th> <th>* * *</th>	Vngrd MidCap Val	VOD	EMC	8.97	4.55	-1.04	3.88	-1.15	4.11	80.23	* * *
Vngrd Small Cap Value         VBRD         ESC         12.26         6.50         2.47         5.14         -0.70         4.35         71.40         ***           Vngrd Tech         VGTD         EA         7.69         3.62         -5.60         -0.67         -6.50         4.83         68.63         ***           Vngrd TTL Intrntl Stk         VXUSD         EW         0.29         1.53         -0.29         5.19         0.81         5.08         44.57         ***           Vngrd TTL Stock         VTID         ELC         12.51         7.05         0.72         2.86         -1.81         3.73         72.32         ***           Wtree DEFA         DWMD         EW         1.11         1.72         -0.07         5.51         1.04         4.63         43.88         ***           Wtree DEFA Eqty Incm         DTHD         EW         -2.04         1.86         1.91         6.42         0.42         4.65         38.46         ***           Wtree DEFA Eqty Incm         DFED         EW         3.62         4.21         -1.35         12.96         1.27         5.78         33.84         ***           Wtree Burs SC Div         DFED         EW         3.62         4.21 <th>Vngrd Small Cap</th> <th>VBD</th> <th>ESC</th> <th>11.65</th> <th>6.01</th> <th>1.37</th> <th>4.93</th> <th>-1.43</th> <th>4.65</th> <th>78.99</th> <th>* * *</th>	Vngrd Small Cap	VBD	ESC	11.65	6.01	1.37	4.93	-1.43	4.65	78.99	* * *
Vngrd Tech         VGTD         EA         7.69         3.62         -5.60         -0.67         -6.50         4.83         68.63         ***           Vngrd TTL Intrntl Stk         VXUSD         EW         0.29         1.53         -0.29         5.19         0.81         5.08         44.57         ***           Vngrd TTL Stock         VTID         ELC         12.51         7.05         0.72         2.86         -1.81         3.73         72.32         ***           Wtree DEFA         DWMD         EW         1.11         1.72         -0.07         5.51         1.04         4.63         43.88         ***           Wtree DEFA Eqty Incm         DTHD         EW         -2.04         1.86         1.91         6.42         0.42         4.65         38.46         ***           Wtree Emrg Mrkt SC Div         DGSD         EW         5.24         0.15         -3.98         4.82         -0.50         5.26         45.63         ***           Wtree Eur SC Div         DFED         EW         3.62         4.21         -1.35         12.96         1.27         5.78         37.39         ***           Wtree Intrntl Div Ext Fincl         DCD         EW         3.96         4.	Vngrd Small Cap Grth	VBKD	ESC	10.82	5.23	0.07	4.23	-2.37	4.99	86.15	* * *
Vngrd TTL Intrntl Stk         VXUSD         EW         0.29         1.53         -0.29         5.19         0.81         5.08         44.57         ***           Vngrd TTL Stock         VTID         ELC         12.51         7.05         0.72         2.86         -1.81         3.73         72.32         ***           Wtree DEFA         DWMD         EW         1.11         1.72         -0.07         5.51         1.04         4.63         43.88         ***           Wtree DEFA Eqty Incm         DTHD         EW         -2.04         1.86         1.91         6.42         0.42         4.65         38.46         ***           Wtree Emrg Mrkt SC Div         DGSD         EW         5.24         0.15         -3.98         4.82         -0.50         5.26         45.63         ***           Wtree Emrg Mrkt SC Div         DFED         EW         3.62         4.21         -1.35         12.96         1.27         5.78         37.39         ***           Wtree Emrg Mrkt SC Div         DFED         EW         3.62         4.21         -1.35         12.96         1.27         5.78         37.39         ***           Wtree Ibid Eqty Incm         DEWD         EW         3.96	Vngrd Small Cap Value	VBRD	ESC	12.26	6.50	2.47	5.14	-0.70	4.35	71.40	* * *
VNGST TTL Stock   VTID   ELC   12.51   7.05   0.72   2.86   -1.81   3.73   72.32   ***	Vngrd Tech	VGTD	EA	7.69	3.62	-5.60	-0.67	-6.50	4.83	68.63	***
Witree DEFA         DWMD         EW         1.11         1.72         -0.07         5.51         1.04         4.63         43.88         ***           Wtree DEFA Eqty Incm         DTHD         EW         -2.04         1.86         1.91         6.42         0.42         4.65         38.46         ***           Wtree Emrg Mrkt SC Div         DGSD         EW         5.24         0.15         -3.98         4.82         -0.50         5.26         45.63         ***           Wtree Eur SC Div         DFED         EW         3.62         4.21         -1.35         12.96         1.27         5.78         37.39         ***           Wtree Glbl Eqty Incm         DEWD         EW         3.96         4.55         2.14         5.04         0.60         3.78         42.09         ***           Wtree India         EPID         EWR         -9.25         -5.62         -1.04         9.08         -4.22         9.46         18.14         ***           Wtree Intrntl Div Ex Fincl         DOOD         EW         -3.62         -0.64         -0.67         5.86         0.55         4.19         40.26         ***           Wtree Intrntl MC Div         DOLD         EW         0.80	Vngrd TTL Intrntl Stk			0.29	1.53	-0.29	5.19	0.81	5.08	44.57	
Witree DEFA Eqty Incm         DTHD         EW         -2.04         1.86         1.91         6.42         0.42         4.65         38.46         ***           Wtree Emrg Mrkt SC Div         DGSD         EW         5.24         0.15         -3.98         4.82         -0.50         5.26         45.63         ***           Wtree Eur SC Div         DFED         EW         3.62         4.21         -1.35         12.96         1.27         5.78         37.39         ***           Wtree Gibl Eqty Incm         DEWD         EW         3.96         4.55         2.14         5.04         0.60         3.78         42.09         ***           Wtree India         EPID         EWR         -9.25         -5.62         -1.04         9.08         -4.22         9.46         18.14         ***           Wtree Intrntl Div Ex Fincl         DOOD         EW         -3.62         -0.64         -0.67         5.86         0.55         4.19         40.26         ***           Wtree Intrntl Div Ex Fincl         DOLD         EW         0.99         2.40         1.26         5.95         0.87         4.71         42.72         ***           Wtree Intrntl Div Ex Fincl         DOLD         EW         <	Vngrd TTL Stock	VTID	ELC	12.51	7.05	0.72	2.86	-1.81	3.73	72.32	***
Wtree Emrg Mrkt SC Div         DGSD         EW         5.24         0.15         -3.98         4.82         -0.50         5.26         45.63         ****           Wtree Eur SC Div         DFED         EW         3.62         4.21         -1.35         12.96         1.27         5.78         37.39         ****           Wtree Glbl Eqty Incm         DEWD         EW         3.62         4.21         -1.35         12.96         1.27         5.78         37.39         ****           Wtree India         EPID         EW         3.96         4.55         2.14         5.04         0.60         3.78         42.09         ****           Wtree India         EPID         EWR         -9.25         -5.62         -1.04         9.08         -4.22         9.46         18.14         ****           Wtree Intrntl Div Ex Fincl         DOOD         EW         -3.62         -0.64         -0.67         5.86         0.55         4.19         40.26         ****           Wtree Intrntl MC Div         DOLD         EW         0.99         2.40         1.26         5.95         0.87         4.71         42.72         ****           Wtree Intrntl MC Div         DIMD         EW         0.80		DWMD	EW	1.11	1.72	-0.07	5.51	1.04	4.63	43.88	
Wtree Eur SC Div         DFED         EW         3.62         4.21         -1.35         12.96         1.27         5.78         37.39         ****           Wtree GlbI Eqty Incm         DEWD         EW         3.96         4.55         2.14         5.04         0.60         3.78         42.09         ***           Wtree India         EPID         EWR         -9.25         -5.62         -1.04         9.08         -4.22         9.46         18.14         ***           Wtree Intrntl Div Ex Fincl         DOOD         EW         -3.62         -0.64         -0.67         5.86         0.55         4.19         40.26         ***           Wtree Intrntl Div Ex Fincl         DOOD         EW         -3.62         -0.64         -0.67         5.86         0.55         4.19         40.26         ***           Wtree Intrntl CD Div         DOLD         EW         0.99         2.40         1.26         5.95         0.87         4.71         42.72         ***           Wtree Intrntl MC Div         DIMD         EW         0.80         1.88         -0.51         7.17         1.10         4.78         46.65         ***           Wtree Intrntl SC Div         DLSD         EW         4.15	Wtree DEFA Eqty Incm		EW	-2.04	1.86	1.91	6.42				
Wtree Glbl Eqty Incm         DEWD         EW         3.96         4.55         2.14         5.04         0.60         3.78         42.09         ***           Wtree India         EPID         EWR         -9.25         -5.62         -1.04         9.08         -4.22         9.46         18.14         ***           Wtree Intrntl Div Ex Fincl         DOOD         EW         -9.25         -5.62         -1.04         9.08         -4.22         9.46         18.14         ***           Wtree Intrntl Div Ex Fincl         DOOD         EW         -3.62         -0.64         -0.67         5.86         0.55         4.19         40.26         ***           Wtree Intrntl CD Div         DOLD         EW         0.99         2.40         1.26         5.95         0.87         4.71         42.72         ***           Wtree Intrntl MC Div         DIMD         EW         0.80         1.88         -0.51         7.17         1.10         4.78         46.65         ***           Wtree Intrntl SC Div         DLSD         EW         4.15         1.61         -1.32         8.56         1.57         4.15         47.99         ***           Wtree MidCap Div         DOND         EMC         10.9	Wtree Emrg Mrkt SC Div	DGSD	EW	5.24	0.15	-3.98	4.82	-0.50	5.26	45.63	* * *
Wtree India         EPID         EWR         -9.25         -5.62         -1.04         9.08         -4.22         9.46         18.14         ****           Wtree Intrntl Div Ex Fincl         DOOD         EW         -3.62         -0.64         -0.67         5.86         0.55         4.19         40.26         ***           Wtree Intrntl LC Div         DOLD         EW         0.99         2.40         1.26         5.95         0.87         4.71         42.72         ***           Wtree Intrntl MC Div         DIMD         EW         0.80         1.88         -0.51         7.17         1.10         4.78         46.65         ***           Wtree Intrntl SC Div         DLSD         EW         4.15         1.61         -1.32         8.56         1.57         4.15         47.99         ***           Wtree LrgCap Grth         ROID         ELC         7.97         2.69         -2.39         1.17         -3.75         4.16         39.45         ***           Wtree MidCap Div         DOND         EMC         10.91         6.00         1.46         3.75         0.32         3.19         57.04         ***           Wtree MidCap Earn         EZMD         EMC         10.14	Wtree Eur SC Div		EW			-1.35	12.96			37.39	
Wittee Intrntl Div Ex Fincl         DOOD         EW         -3.62         -0.64         -0.67         5.86         0.55         4.19         40.26         ***           Wtree Intrntl LC Div         DOLD         EW         0.99         2.40         1.26         5.95         0.87         4.71         42.72         ***           Wtree Intrntl MC Div         DIMD         EW         0.80         1.88         -0.51         7.17         1.10         4.78         46.65         ***           Wtree Intrntl SC Div         DLSD         EW         4.15         1.61         -1.32         8.56         1.57         4.15         47.99         ***           Wtree LrgCap Grth         ROID         ELC         7.97         2.69         -2.39         1.17         -3.75         4.16         39.45         ***           Wtree MidCap Div         DOND         EMC         10.91         6.00         1.46         3.75         0.32         3.19         57.04         ***           Wtree MidClap Earn         EZMD         EMC         10.14         2.52         -0.84         5.91         -0.18         4.33         59.36         ***           Wtree Midcle East Div         GULFD         EW         -2.3	Wtree Glbl Eqty Incm					2.14	5.04		3.78	42.09	
Wtree Intrnt DIV EX Thick         DOOLD         EW         0.99         2.40         1.26         5.95         0.87         4.71         42.72         ***           Wtree Intrntl MC Div         DIMD         EW         0.80         1.88         -0.51         7.17         1.10         4.78         46.65         ***           Wtree Intrntl SC Div         DLSD         EW         4.15         1.61         -1.32         8.56         1.57         4.15         47.99         ***           Wtree LrgCap Grth         ROID         ELC         7.97         2.69         -2.39         1.17         -3.75         4.16         39.45         ***           Wtree MidCap Div         DOND         EMC         10.91         6.00         1.46         3.75         0.32         3.19         57.04         ***           Wtree MidClap Earn         EZMD         EMC         10.14         2.52         -0.84         5.91         -0.18         4.33         59.36         ***           Wtree Middle East Div         GULFD         EW         -2.34         -0.88         -4.39         5.65         -0.75         2.58         14.58         ***           Wtree S&P 500         EPSD         ELC         12.05	Wtree India	EPID	EWR	-9.25	-5.62	-1.04	9.08	-4.22	9.46	18.14	* * *
Wtree Intrntl MC Div         DIMD         EW         0.80         1.88         -0.51         7.17         1.10         4.78         46.65         ***           Wtree Intrntl SC Div         DLSD         EW         4.15         1.61         -1.32         8.56         1.57         4.15         47.99         ***           Wtree LrgCap Grth         ROID         ELC         7.97         2.69         -2.39         1.17         -3.75         4.16         39.45         ***           Wtree MidCap Div         DOND         EMC         10.91         6.00         1.46         3.75         0.32         3.19         57.04         ***           Wtree MidCap Earn         EZMD         EMC         10.14         2.52         -0.84         5.91         -0.18         4.33         59.36         ***           Wtree Middle East Div         GULFD         EW         -2.34         -0.88         -4.39         5.65         -0.75         2.58         14.58         ***           Wtree S&P 500         EPSD         ELC         12.05         6.45         0.48         2.56         -1.83         3.74         49.04         ***           Wtree Sml Cap Div         DESD         ESC         12.47	Wtree Intrntl Div Ex Fincl	DOOD	EW	-3.62	-0.64	-0.67	5.86	0.55	4.19	40.26	* * *
Wtree Intrntl SC Div         DLSD         EW         4.15         1.61         -1.32         8.56         1.57         4.15         47.99         ***           Wtree LrgCap Grth         ROID         ELC         7.97         2.69         -2.39         1.17         -3.75         4.16         39.45         ***           Wtree MidCap Div         DOND         EMC         10.91         6.00         1.46         3.75         0.32         3.19         57.04         ***           Wtree MidCap Earn         EZMD         EMC         10.14         2.52         -0.84         5.91         -0.18         4.33         59.36         ***           Wtree Middle East Div         GULFD         EW         -2.34         -0.88         -4.39         5.65         -0.75         2.58         14.58         ***           Wtree S&P 500         EPSD         ELC         12.05         6.45         0.48         2.56         -1.83         3.74         49.04         ***           Wtree Sml Cap Div         DESD         ESC         12.47         4.82         3.15         4.62         -0.95         3.79         50.05         ****	Wtree Intrntl LC Div	DOLD		0.99	2.40	1.26	5.95	0.87	4.71	42.72	* * *
Wtree LrgCap Grth         ROID         ELV         4.15         1.57         4.15	Wtree Intrntl MC Div			0.80	1.88	-0.51	7.17	1.10	4.78	46.65	
Wtree MidCap Div         DOND         EMC         10.91         6.00         1.46         3.75         0.32         3.19         57.04         ***           Wtree MidCap Earn         EZMD         EMC         10.14         2.52         -0.84         5.91         -0.18         4.33         59.36         ***           Wtree Middle East Div         GULFD         EW         -2.34         -0.88         -4.39         5.65         -0.75         2.58         14.58         ***           Wtree S&P 500         EPSD         ELC         12.05         6.45         0.48         2.56         -1.83         3.74         49.04         ***           Wtree Sml Cap Div         DESD         ESC         12.47         4.82         3.15         4.62         -0.95         3.79         50.05         ***	Wtree Intrntl SC Div					-1.32	8.56		4.15	47.99	
Wtree MidCap Earn         EZMD         EMC         10.14         2.52         -0.84         5.91         -0.18         4.33         59.36         ***           Wtree Middle East Div         GULFD         EW         -2.34         -0.88         -4.39         5.65         -0.75         2.58         14.58         ***           Wtree S&P 500         EPSD         ELC         12.05         6.45         0.48         2.56         -1.83         3.74         49.04         ***           Wtree Sml Cap Div         DESD         ESC         12.47         4.82         3.15         4.62         -0.95         3.79         50.05         ***	Wtree LrgCap Grth			7.97		-2.39	1.17				
Wtree Middle East Div         GULFD         EW         -2.34         -0.88         -4.39         5.65         -0.75         2.58         14.58         ***           Wtree S&P 500         EPSD         ELC         12.05         6.45         0.48         2.56         -1.83         3.74         49.04         ***           Wtree Sml Cap Div         DESD         ESC         12.47         4.82         3.15         4.62         -0.95         3.79         50.05         ***	•										
Wtree S&P 500         EPSD         ELC         12.05         6.45         0.48         2.56         -1.83         3.74         49.04         ***           Wtree Sml Cap Div         DESD         ESC         12.47         4.82         3.15         4.62         -0.95         3.79         50.05         ***							5.91				
Wtree Sml Cap Div         DESD         ESC         12.47         4.82         3.15         4.62         -0.95         3.79         50.05         ***											
Wild dim dup bit						0.48	2.56				
Wtree World Ev IIS Crth DNID EW 122 126 210 456 020 5.55 49.09 ***											
WHIGH WORLD EVV 1.22 -1.30 -3.19 4.30 U.29 3.35 48.98	Wtree World Ex US Grth	DNLD	EW	1.22	-1.36	-3.19	4.56	0.29	5.55	48.98	* * *

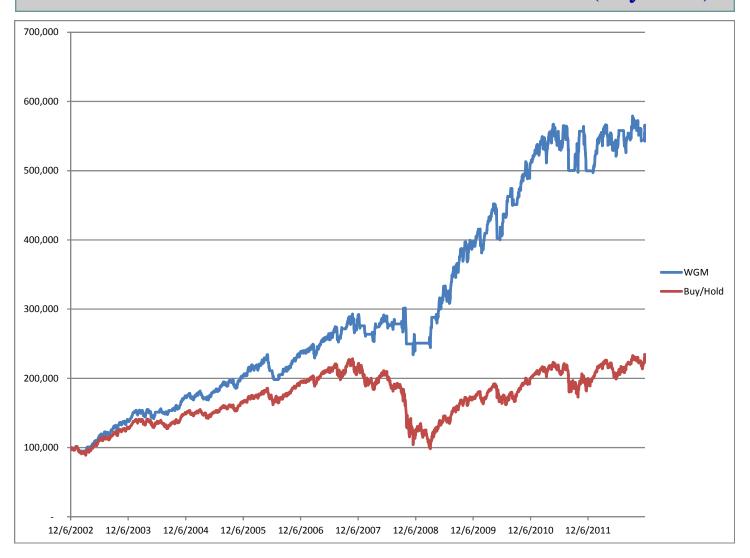
This shows the ETF Growth Database and Ranking. It shows performance over the last 12, 9, 6, 3, and 1 months through the previous month's end. V is Volatility. NAV is price. Rank shows the number of comets from 5 to 1. The larger the better.

# Bottom ETF Growth Ranking to same month end

Fund Name	D Symbol	Style	12m	9m	6m	3m	1m	V	NAV	Rank
Guggnhm BRIC	EEBD	EW	-11.18	-11.31	-7.86	2.88	-1.24	6.70	35.04	* *
Guggnhm Candn Enrg Incm	ENYD	EWR	-3.64	-7.41	-5.26	4.35	-2.90	6.76	16.35	* *
Guggnhm Glbl Div	LVLD	EW	-7.93	-7.95	-5.00	5.99	-0.86	4.40	12.74	* *
Guggnhm Intrntl A Incm	HGID	EW	-4.50	-6.38	-6.00	2.54	-1.29	5.00	16.13	* *
Guggnhm Shipping	SEAD	EA	-5.19	-7.87	-14.93	-2.04	0.46	6.98	15.33	* *
iShares Latin Amr	ILFD	EW	-6.97	-8.91	-7.48	0.71	-0.61	5.77	42.32	* *
PS BLDR Asia 50 ADR	ADRAD	EW	-1.00	-3.87	-5.54	2.01	0.38	4.78	23.85	* *
PS BLDR Emrg Mkt 50 ADR	ADRED	EW	-5.01	-8.42	-5.59	2.53	-0.94	5.59	38.84	* *
PS Cleantech	PZDD	EA	-6.79	-7.64	-6.67	4.80	-1.15	5.11	21.42	* *
PS DB Commodity	DBCD	EA	-0.58	-0.97	-2.99	1.14	-3.91	4.46	27.56	* *
PS DB Energy	DBED	EA	-2.22	-3.22	-8.53	3.21	-3.80	5.20	27.35	* *
PS DB Oil	DBOD	EA	-6.05	-13.72	-18.01	-0.94	-5.19	6.48	24.75	* *
PS Dynmc Networking	PXQD	EA	-7.65	-13.79	-16.68	-1.70	-7.45	6.61	23.07	* *
PS Dynmc Oil & Gas Srvcs	PXJD	EA	-6.60	-6.74	-6.01	0.05	-4.75	8.13	19.24	* *
PS Dynmc Technology	PTFD	EA	4.08	-0.12	-7.47	-2.13	-5.00	5.34	25.27	* *
PS FTSE RAFI Emrg Mrkt	PXHD	EW	-3.26	-6.81	-5.22	3.64	-1.17	6.33	21.08	* *
PS Glbl Clean Enrgy	PBDD	EW	-24.56	-18.74	-11.84	5.59	-3.15	8.22	7.37	* *
PS Glbl Coal	PKOLD	EA	-29.92	-25.27	-18.24	7.04	6.01	8.60	19.93	* *
PS Glbl Nuclr Enrgy	PKND	EW	-6.58	-7.61	-4.56	1.38	-1.44	5.39	15.70	* *
PS Glbl Steel	PSTLD	EA	-15.05	-14.25	-22.34	-5.60	2.76	8.02	12.76	* *
PS Gldn Drgn USX China	PGJD	EW	-15.02	-14.24	-13.16	9.82	-1.27	7.17	18.67	* *
PS India	PIND	EW	-10.03	-7.75	0.06	7.79	-4.90	8.28	17.85	* *
PS Lux Nanotech	PXND	EA	-8.91	-10.17	-8.33	-4.58	-6.57	5.38	5.83	* *
PS MENA Frntr Countries	PMNAD	EW	-6.44	-2.22	-7.20	1.44	-2.04	3.01	10.57	* *
PS S&P SmlCap Energy	PSCED	EA	-2.93	-10.03	-10.62	2.38	-5.13	7.82	32.59	* *
Wtree Emrg Mrkt Eincm	DEMD	EW	0.65	-4.49	-6.58	2.40	-1.30	4.43	52.97	* *
Wtree Intrntl Utilities	DBUD	EA	-4.68	-3.68	-4.41	5.85	0.26	3.57	17.65	* *
Wtree Japan Hedge Eqty	DXJD	EC	-1.67	-2.00	-6.98	2.45	0.66	4.11	31.83	* *
Wtree Japan SC Div	DFJD	EWR	1.30	-3.96	-5.28	1.40	-0.87	2.72	41.94	* *
Guggnhm Solar	TAND	EA	-58.09	-51.58	-33.77	-4.12		14.12	14.67	*
PS DB Base Metals	DBBD	EG	-11.00	-14.44	-11.26	0.06	-9.65	6.25	17.89	*
PS Dynmc Semicndctr	PSID	EA	-7.01	-11.91	-13.88	-8.08	-3.97	5.77	13.53	*
PS Glbl Wind Energy	PWNDD	EW	-30.27	-24.40	-14.98	8.02	-2.18	7.14	5.39	*
PS WilderHill Cln Enrgy	PBWD	EA	-34.83	-31.77	-22.64	-1.50	-5.53	8.65	3.93	*

This shows the ETF Growth Database and Ranking. It shows performance over the last 12, 9, 6, 3, and 1 months through the previous month's end. V is Volatility. NAV is price. Rank shows the number of comets from 5 to 1. The larger the better.

### World Growth Model vs. World Growth Index (buy hold)



The chart above compares the past ten years of the backtested World Growth Model with a buy/hold of the same five underlying indexes (EEM, EFA, IWM, QQQ, SPY), which is the fully invested always World Growth Index. Dividends are reinvested. No commissions included to buy/sell. Past performance does not guarantee future performance.

The five ETF indexes are static; that is, they were the only ETFs used over the period. So, the selecting model was static. No attempt was made to buy the top-ranked by C (risk-adjusted relative performance) ETFs. Presumably, if the top ETFs had been picked, the performance would be greater.

What was used for this Model was a newish timing model that combines a number of features, including two timing models with two stop orientations. The clearest use of stops in shown in the 2008 bear market. While the bear erased all of the gains of the buy/hold index from 12/6/2002, the WG Model was stopped out back to cash, thus preventing further losses.

I've begun to implement this Model in this Newsletter based on these results as of 12/10/12.

As mentioned, the next step is to incorporate the selecting model (buy the top ETFs by C) with the timing model.

### Overflow from Page 1, Definitions, and Newsletter Updates

(Continued from page 1) REVIEW

both indexes fell to lows, confirming a bear market, but then the market reversed course. This happens very very rarely. And I've not seen the opposite in some 30 years of investing; the opposite being where both are in gear to the upside, but instead that marks a top. In other words, anything is possible and the market confirming to the upside may still reverse fully to the downside. More than likely, however, it will continue to rally, correct, rally some more, and continue this pattern until another negative divergence shows up. At that point, we'll have to see what happens.

The other subtle change is investor sentiment. As is typical,

when the market rallies, investors turn bullish. Likewise, when the market declines, investors turn bearish. What eventually happens in both cases is extremes in sentiment are reached. Between those times, sentiment generally is mixed. It doesn't give any actionable contrary signals. So, this too bears watching. If investors climb on board the rally too quickly, then it signals at least an intermediate-term top.

Fundamentally, Central Banks are easing around the globe. Easy money policies help drive stock prices higher. In addition, lower interest rates also reduce borrowing costs, which eventually trickles down to impacting asset values. All other

things being equal,, which is to say, if cash flows remain constant (no recession), then the value of those cash flows goes up relative to the cost of borrowing to buy them. This strategy has been going on for a few years now in the US; it has helped, with a delay, the real estate market. So too, it should help in the rest of the world.

So, right now, things appear back in gear to the upside. On an investment basis, the Growth Portfolio was already fully invested. I'm reducing risk in the Income Portfolio. Please see the individual portfolio pages for any actions to take.

Just to clarify a couple of terms that I use regularly.

Short-term is days to weeks. Intermediate-term is weeks to months. Long-term is months to years. Cyclical is 1-5 years. Secular is 5 years to decades.

Bull market is a series of higher highs and higher lows.

Bear market is a series of lower lows and lower highs.

Neutral market is sideways without a discernible pattern.

Oddly, bull and bear markets may occur simultaneously, but only over different time periods. For example, we may be in a secular bear market, but there are cyclical bull and bear markets within that.

Closing stops are "mental". I look at the position at quarter to the close. If it is trading below the stop (or above if short), then I act with the assumption the security will trigger that closing stop on that day. I sell (or cover) at the close that day.

New portfolio stops are being implemented. These are internal and will be emailed if triggered.

1/21 35 new ETFs were added to the database. More additions are planned.

The updated selections have been delayed pending those additions and a slight reworking of the selecting model.

1/14 No changes. Updates to the selections should be completed by next publishing date.

1/7 As mentioned on page 7, I have been tweaking the selecting model of ETFs. Once completed, which should be this week, the C rankings of ETFs will be updated on pages 3 and 7 through 10.

12/31 No changes.

12/24 No changes.

12/17 No changes.

### **Descriptions & Disclosures**

#### **PORTFOLIO DESCRIPTIONS (pages 2 and 6)**

Our guiding goal is to provide the most return with the least risk consistently over time through bull and bear markets.

Income Portfolio, page2: Uses a proprietary selection methodology on all of the monitored bond-oriented ETFs to pick the top ETFs. I then use a proprietary timing model to decide whether to buy, sell, hold, or avoid. From time to time, timing considerations may take precedence over selections; in other words, we may own lower ranked funds because of anticipated timing changes.

Growth Portfolio, page 6: Based on the World Growth Index, which is made up of a static fully invested 20% in each of five ETFs (EEM, EFA, IWM, QQQ, SPY). The Portfolio will buy and sell the WGI based on proprietary timing signals.

Both portfolios were started on 1/1/10 with \$100,000. However, the Growth Portfolio strategy was changed on 12/10/12 to the World Growth Model.

Portfolio changes will usually be made at the close on Monday, unless otherwise noted in any emailed hotline update or triggered stop orders. Issues are normally posted on Mondays by 1:35pm cst (Tuesday if Monday is a holiday).

Portfolios are updated through the Friday close the week before.

Dividends are reinvested in additional shares.

Commissions of \$10/trade are applied. Interest is zero for the money market (cash) position.

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Unless otherwise noted, the weekly eNewsletter is posted by 1:35 PM central time each Monday, except for holidays and then on Tuesday. It may contain actionable, specific buy or sell advice to take that day at the Monday close in each portfolio. We may also use stop orders. For stops, check the ETF at quarter to the close. If it is below (or above) a stop level, assume it will close there and act on that. Portfolio data will be updated through the previous Friday's close. Fund symbols, rather than names, are the official identification used for activity.

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