# ETF Selections & Timing

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InvestmentST.com

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### **Comparing Yields**

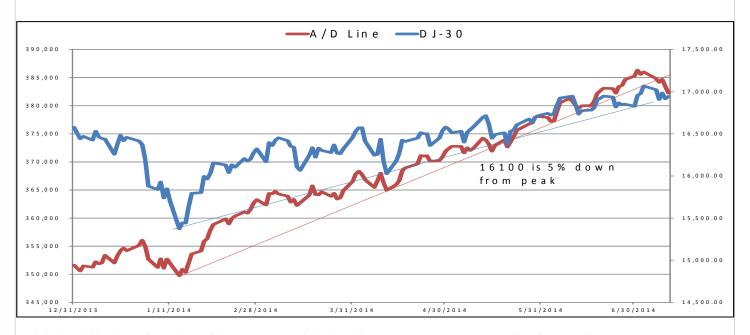
he so-called Fed Model has been one of the best timing indicators in this bull market. It, like other timing tools, does not always nail bull and bear markets exactly, but so far, it has been one of the best in the current environment.

The Fed Model compares yields between stocks and bonds. Whichever one provides the most yield, that is the one to buy. To define this more accurately, it is the yield on 10-year Treasuries. And the yield on stocks is not the dividend yield, but the one-year forward look-

ing earnings yield, which is the inverse of the same PE ratio.

The Fed apparently uses the model, though not officially. It was mentioned in a speech 7/22/1997 and in speeches subsequently.

(Continued on page 12 see REVIEW on top)



This is the daily chart of the close of the Dow Industrials (blue line) and NYSE advance-decline line (red line)

#### **SCOREBOARD** (returns year to date and past weeks to date)

| Model                | YTD  | 52-week | 26-week | 13-week | 4-week | 1-week |
|----------------------|------|---------|---------|---------|--------|--------|
| ETF Income Portfolio | 1.0% | 2.5%    | 0.4     | 0.1     | 0.1    | 0.1%   |
| ETF Growth Portfolio | 4.2% | 15.2%   | 2.5     | 5.4     | 0.7    | -1.7%  |
| Index                |      |         |         |         |        |        |
| Aggrgt Bond (AGG)    | 2.6% | 3.4%    | 2.4     | 0.7     | 0.3    | 0.5%   |
| S&P 500 TR (SPY)     | 6.4% | 18.0%   | 6.3     | 7.8     | 8.0    | -1.3%  |
| World Growth Index   | 4.8% | 17.7%   | 4.9     | 7.1     | 0.6    | -1.7%  |

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## Income Portfolio

| ACTION I | FOR     |          |                 |            | PORTFOLK | D DETAILS |                        |       |           | Value as of | date:      | 7/11/2014  |
|----------|---------|----------|-----------------|------------|----------|-----------|------------------------|-------|-----------|-------------|------------|------------|
| Action   |         |          | Action          | # of       | Action   |           | Stop Loss              | Start |           | # of        | Current    | Percent of |
| Date     | Action  | Symbol   | Price           | Shares     | Value    | Symbol    | as of 4/28 Description | Price | End Price | Shares      | Value      | Total      |
|          |         |          |                 |            |          |           |                        |       |           |             |            |            |
| 11-Apr   | sell    | JNK      | 41.05           | 342        | 14,014   |           |                        |       |           |             |            | 0.0%       |
|          |         |          |                 |            |          |           |                        |       |           |             |            | 0.0%       |
| 21-Apr   | sell    | AGG      | 108.18          | 130        | 14,080   |           |                        |       |           |             |            | 0.0%       |
| 21-Apr   | sell    | PCY      | 28.27           | 512        | 14,464   |           |                        |       |           |             |            | 0.0%       |
| 21-Apr   | buy     | BSV      | 80.09           | 362        | 29,003   |           |                        |       |           |             |            |            |
|          | this ne | w buy wi | ll be about 25% | 6 of total |          | BSV       |                        | 80.09 | 80.25     | 363.1       | 29,135.40  | 25.1%      |
| 28-Apr   | sell    | LQD      | 117.87          | 120        | 14,176   |           |                        |       |           |             |            |            |
|          |         |          |                 |            |          |           |                        |       |           |             |            |            |
|          |         |          |                 |            |          |           |                        |       |           |             |            |            |
|          |         |          |                 |            |          |           |                        |       |           |             |            |            |
|          |         |          |                 |            |          |           |                        |       |           |             |            |            |
|          |         |          |                 |            |          |           |                        |       |           |             |            |            |
|          |         |          |                 |            |          |           |                        |       |           |             |            |            |
|          |         |          |                 |            |          |           |                        |       |           |             |            |            |
|          |         |          |                 |            |          |           |                        |       |           |             |            |            |
|          |         |          |                 |            |          |           |                        |       |           |             |            |            |
|          |         |          |                 |            |          | Money Ma  | rket                   |       | 1.00      | 87,033      | 87,033.00  | 74.9%      |
|          |         |          |                 |            |          | 1         |                        |       |           | Valuation=  | 116,168.40 | 100.0%     |

#### WEEKLY REVIEW

#### 7/14 No changes.

7/7 The jobs report came in stronger than expected. As I've been mentioning, the idea of a stronger economy is not discounted in bonds. Bond investors are seemingly ignoring the fact that the Fed is tapering and is hinting at earlier than expected rate rises.

6/30 The Fed is floating trial balloons about the strength of the economy and ending of QE and possibly raising rates. No portfolio changes.

6/23 No changes. Inflation is picking up, so it will be interesting to see if bonds start reacting, by selling off.

|                      | 2010 | 2011 | 2012 | 2013 | ytd 2014 | Incptn |
|----------------------|------|------|------|------|----------|--------|
| ETF Income Portfolio | 4.8% | 3.6  | 4.8  | 1.1  | 1.0      | 16.2   |
| Aggregate Bond       | 6.4% | 7.7  | 3.9  | -2.2 | 2.6      | 19.5   |

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

### ETF Income Database and Ranking to 8/30/13 (under construction)

| Fund Name                | Symbol | Style | 12m    | 9m     | 6m     | 3m     | 1m    | V    | NAV    | Rank    |
|--------------------------|--------|-------|--------|--------|--------|--------|-------|------|--------|---------|
| iShares 1-3yr Trsry      | SHY    | BS    | 0.03   | 0.03   | -0.07  | -0.03  | -0.10 | 0.08 | 84.28  | ****    |
| Vngrd ShrtTrm Bond       | BSV    | BS    | -0.19  | -0.45  | -0.60  | -0.38  | -0.27 | 0.23 | 79.96  | ****    |
| iShares 3-7yr Trsry      | IEI    | BI    | -2.51  | -2.67  | -2.49  | -1.82  | -0.77 | 0.51 | 119.88 | * * * * |
| iShares Agg Bond         | AGG    | BI    | -2.85  | -3.32  | -3.05  | -2.12  | -0.83 | 0.61 | 106.01 | ****    |
| iShares Inter Bond       | MBB    | BI    | -3.09  | -2.81  | -2.91  | -1.77  | -0.67 | 0.43 | 104.17 | * * * * |
| iShares Inter Gov        | GVI    | BI    | -1.51  | -2.04  | -1.92  | -1.35  | -0.64 | 0.46 | 109.11 | * * * * |
| Wtree Dryfs Chns Yuan    | CYB    | BF    | 4.62   | 2.26   | 2.23   | 0.54   | 0.42  | 0.42 | 26.16  | * * * * |
| Currency Euro            | FXE    | BF    | 4.69   | 1.36   | 1.04   | 1.60   | -0.68 | 1.85 | 130.84 | * * *   |
| iShares 10-20yr Trsry    | TLH    | BL    | -8.69  | -8.69  | -6.33  | -4.80  | -0.97 | 1.55 | 123.42 | * * *   |
| iShares 7-10yr Trsry     | IEF    | BI    | -6.40  | -6.61  | -5.56  | -4.27  | -1.42 | 1.08 | 100.26 | * * *   |
| iShares High Yld         | HYG    | BH    | 5.38   | 2.88   | 0.18   | -0.17  | -1.27 | 1.56 | 90.87  | * * *   |
| iShares Intrntl Tbond    | IGOV   | BW    | -1.59  | -3.73  | -1.85  | -0.50  | -0.73 | 1.54 | 97.93  | * * *   |
| iShares Long Corp Bond   | LQD    | BL    | -2.90  | -4.84  | -4.30  | -3.17  | -1.00 | 1.39 | 112.68 | * * *   |
| iShares Trsry Infltn     | TIP    | BI    | -7.29  | -8.84  | -7.78  | -4.71  | -1.83 | 1.18 | 110.64 | * * *   |
| PS 1-30 Ldr Trsry        | PLW    | BI    | -8.64  | -8.31  | -5.99  | -4.31  | -0.96 | 1.45 | 29.88  | * * *   |
| PS Bld America           | BAB    | BI    | -5.98  | -7.40  | -8.54  | -7.83  | -1.41 | 1.59 | 27.14  | * * *   |
| PS DB Dollar Bearish     | UDN    | BF    | -1.27  | -2.51  | 0.04   | 1.65   | -0.49 | 1.29 | 26.42  | * * *   |
| PS DB Dollar Bullish     | UUP    | BF    | -0.49  | 1.23   | -0.80  | -1.86  | 0.41  | 1.28 | 22.19  | * * *   |
| PS DB G10 Currency       | DBV    | BF    | -0.76  | -4.00  | -7.09  | -6.64  | -2.44 | 1.72 | 24.75  | * * *   |
| PS Fdmntl Hi Yield Corp  | PHB    | BH    | 3.25   | 1.31   | -0.10  | -0.99  | -0.88 | 1.23 | 18.71  | * * *   |
| PS Insrd CA Muni         | PWZ    | BI    | -6.48  | -9.21  | -8.53  | -7.65  | -2.25 | 1.29 | 22.72  | * * *   |
| PS Insrd NY Muni         | PZT    | BI    | -9.02  | -11.54 | -10.28 | -8.91  | -2.61 | 1.51 | 21.68  | ***     |
| PS Prfd                  | PGX    | BF    | -0.95  | -2.38  | -4.30  | -4.81  | -1.65 | 1.18 | 13.68  | * * *   |
| SPDR High Yield          | JNK    | BH    | 5.27   | 2.46   | 0.00   | -0.75  | -1.03 | 1.56 | 39.46  | * * *   |
| SPDR Intrntl TBond       | BWX    | BW    | -4.13  | -5.75  | -2.63  | -0.53  | -1.15 | 1.48 | 56.79  | * * *   |
| Vngrd Intrmdt Bond       | BND    | BI    | -2.94  | -3.28  | -2.96  | -2.12  | -0.86 | 0.62 | 79.99  | * * *   |
| Wtree Dryfs Comdty Cur   | CCX    | BF    | -6.19  | -7.08  | -8.09  | -3.79  | -2.15 | 1.55 | 19.55  | * * *   |
| Wtree Dryfs Emrg Crrncy  | CEW    | BF    | -3.44  | -5.57  | -6.78  | -3.77  | -2.82 | 1.44 | 19.65  | * * *   |
| iShares 20+ yr Trsry     | TLT    | BL    | -14.79 | -13.35 | -9.34  | -6.72  | -1.34 | 2.46 | 105.71 | * *     |
| PS Emrg Mrkt Svrgn Debt  | PCY    | BW    | -8.80  | -13.37 | -11.06 | -7.86  | -3.36 | 2.67 | 26.24  | * *     |
| PS Insrd Natl Muni       | PZA    | BI    | -8.56  | -11.75 | -10.49 | -9.01  | -1.56 | 1.56 | 22.52  | * *     |
| Wtree Dryfs Brazil Real  | BZF    | BF    | -10.67 | -7.36  | -15.28 | -9.16  | -3.29 | 2.37 | 16.75  | * *     |
| Wtree Emrg Mrkt Lcl Debt | ELD    | BF    | -7.81  | -11.12 | -12.85 | -8.94  | -4.35 | 2.09 | 45.45  | * *     |
| Wtree Dryfs Indn Rupee   | ICN    | BF    | -11.22 | -13.71 | -15.13 | -13.34 | -5.23 | 2.58 | 18.12  | *       |

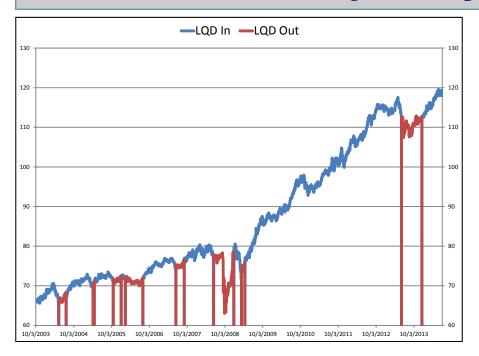
This is the ETF Income Database and Ranking. It shows performance over the last 12, 9, 6, 3, and 1 months through the previous month's end. V is Volatility. NAV is price. CS is Comet Strength (not shown). C is Comet (not shown), which is an ETF's risk-adjusted performance; the higher the better. V, CS, 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. 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 V, the less risk. Column 10 is the NAV. Column 11 is the C (comet) ranking. C is the risk-adjusted (V) relative performance (CS). 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 (preliminary)



The chart above is LQD (corporate bonds) from 10/2003 through the present. The blue portion represents bullish on bond prices (yields falling). The red portion (red prices between red spikes) represents bearish on bond prices (yields rising).

The chart to the left reflects the beginnings of the new Bond Timing model. Right now it is based on LQD (corporate bond ETF).

The reason for the change was there were too many whipsaws in the old model. And I plan to incorporate more information like international bonds, if the back test proves useful.

I plan to also back test this on information before the recent 30-year secular bull market in bonds. In other words, I don't want a model that only works because the wind of lower and lower and lower yields (higher and higher and higher prices) was at its back.

#### WEEKLY REVIEW

#### 7/14 No changes.

- 7/7 Perhaps the strong jobs report will nudge bond participants from their complacency.
- 6/30 No changes. Amazing the bond rally in the face of QE termination and economy pickup and inflation strength. Either that, or all the statistics are in error.
- 6/23 No changes.
- 6/16 No changes.
- 6/9 As mentioned on page 2, if inflation is picking up, we should begin to see this reflected by the market in the form of higher interest rates and lower bond prices.
- 6/2 No changes.
- 5/26 No changes. Yields still falling, despite Fed tapering.

## Income Charts (DAILY) (under construction)



#### LQD—-Investment Grade Corporate

3/17 See page 2.

3/10 No changes.

3/3 No changes.

2/24/ No changes.

2/18 No changes.

2/10 No changes.

2/3 No changes.



#### AGG—Aggregate Bond Market

3/17 See page 2.

3/10 No changes.

3/3 No changes.

2/24 No changes.

2/18 No changes.

2/10 No changes.

2/3 No changes.



#### JNK--hi-yield bonds

3/17 See page 2.

3/10 No changes.

3/3 Overextended. Will take profits.

2/24 No changes.

2/18 Since JNK is the only bond ETF notching recovery highs here of the 4 shown, I've put a very tight stop on the position. See page 2.



#### PCY----International Bonds

3/17 See page 2.

3/10 No changes.

3/3 No changes.

2/24 No changes.

2/18 No changes.

2/10 The last blue spike is the 'buy' from last week's comment. I am standing aside, however.

Each chart shows daily (or weekly if noted in page title at top) prices, a moving average (smoothed green line on price portion), and blue or green spikes. The spikes show potential buy signals. The red lines are price channels. The charts do not show sell signals.

## Growth Portfolio (changed as of 12/10/12, 9/23/13)

| <b>ACTION</b> | FOR    |           |               |              | PORTFOLI  | O DETAILS   |              |                 |           | 1            | /alue as of | date:          | 7/11/2014  |
|---------------|--------|-----------|---------------|--------------|-----------|-------------|--------------|-----------------|-----------|--------------|-------------|----------------|------------|
| Action        |        |           | Action        | # of         | Action    |             |              |                 | Start     | Ending       | # of        | Current        | Percent of |
| Date          | Action | Symbol    | Price         | Shares       | Value     | Symbol      | Stop Loss    | Description     | Price     | Price        | Shares      | Value          | Total      |
|               |        |           |               |              |           |             |              |                 |           |              |             |                |            |
| 7-Apr         | sell   | PJP       | 55.10         | 99           | 5,445     | World Grov  | v th         |                 |           |              |             |                |            |
| 7-Apr         | buy    | PSI       | 20.46         | 278          | 5,698     | EEM         |              | Emrg Mrkt       | 39.13     | 43.90        | 543.690     | 23,867.99      | 16.1%      |
|               |        |           | this will be  | about 4% of  | ttl       | EFA         |              | Euro Asia       | 66.28     | 67.47        | 326.040     | 21,997.92      | 14.9%      |
| 14-Apr        | sell   | PSI       | 19.91         | 278          | 5,525     | IWM         |              | Rusl 2000       | 113.68    | 115.01       | 185.490     | 21,333.20      | 14.4%      |
| 14-Apr        | buy    | PGF       | 17.89         | 314          | 5,627     | QQQ         |              | Nsdq 100        | 89.54     | 95.25        | 236.200     | 22,498.05      | 15.2%      |
| 14-Apr        | sell   | UNG       | 25.36         | 215          | 5,442     | SPY         |              | S&P 500         | 182.85    | 196.70       | 116.110     | 22,838.84      | 15.4%      |
| 14-Apr        | buy    | PFF       | 39.00         | 144          | 5,626     |             |              |                 |           |              |             |                |            |
|               |        | both buy  | ys (above) w  | ill be about | 4% of ttl | C-lect 5    |              |                 |           |              |             |                |            |
| 28-Apr        | sell   | DFE       | 61.55         | 93           | 5,716     | ICF         |              |                 | 85.25     | 88.18        | 67.000      | 5,908.06       | 4.0%       |
| 28-Apr        | buy    | ICF       | 85.25         | 67           | 5,722     | DBU         |              |                 | 20.32     | 20.20        | 160.000     | 3,232.00       | 2.2%       |
|               |        | this buy  | above will be | e about 4% o | of ttl    | ENY         |              |                 | 16.75     | 16.72        | 354.000     | 5,918.88       | 4.0%       |
| 27-May        | sell   | PGF       | 18.16         | 317          | 5,750     | EPI         |              |                 | 21.91     | 21.72        | 254.000     | 5,516.88       | 3.7%       |
| 27-May        | buy    | EPI       | 21.91         | 254          | 5,575     | DEF         |              |                 | 37.68     | 37.84        | 158.000     | 5,978.72       | 4.0%       |
| 27-May        | sell   | PFF       | 39.67         | 145          | 5,731     |             |              |                 |           |              |             |                |            |
| 27-May        | buy    | RWR       | 82.93         | 70           | 5,815     | Tw o poten  | tial ways to | sell: Stop loss | 10% low 6 | er or timing | model signa | ls sell        |            |
|               |        | both buy  | /s (above) a  | bout 4% of t | tl        | Tw o poten  | tial ways to | buy: "Window    | to buy" m | ay open or   | timing mode | l signals buy. |            |
| 9-Jun         | sell   | GULF      | 23.16         | 258          | 5,971     |             |              |                 |           |              |             |                |            |
| 9-Jun         | buy    | ENY       | 16.75         | 354          | 5,940     | C-lect Shor | t            |                 |           |              |             |                |            |
|               |        | this buy  | above will be | about 4% o   | of ttl    | (under con  | struction)   |                 |           |              |             |                |            |
| 23-Jun        | sell   | DBA       | 27.80         | 200          | 5,550     |             |              |                 |           |              |             |                |            |
| 23-Jun        | buy    | DEF       | 37.68         | 158          | 5,963     |             |              |                 |           |              |             |                |            |
|               | •      | this buy  | above will be | about 4% o   | of ttl    |             |              |                 |           |              |             |                |            |
| 7-Jul         | sell   | RWR       | 82.96         | 70           | 5,797     |             |              |                 |           |              |             |                |            |
| 7-Jul         | buy    | DBU       | 20.32         | 160          | 3,261     |             |              |                 |           |              |             |                |            |
|               | ,      | this buy  | above will be | about 4% o   |           | Cash from   | short        |                 |           | 1.00         | -           | -              | 0.0%       |
| 14-Jul        | buy    | DBU       | 20.38         | 130          | 2,659     | Money Mar   | ket          |                 |           | 1.00         | 8,902       | 8,902.00       | 6.0%       |
|               | •      | add to po | sition (mispr | inted shares | s) .      |             |              |                 |           | Total '      | Valuation=  | 147,992.54     | 100.0%     |

#### **WEEKLY REVIEW**

7/14 The number of shares to buy misprinted from last week on DBU. Please add to the position as noted above.

7/7 Make the change as noted above.

6/30 No changes.

6/23 Make the sell and buy as noted above.

6/16 No changes.

6/9 With the rally, the stop loss is still 10% away from current portfolio values. Make the sell and buy as noted above.

|                      | 2010  | 2011 | 2012 | 2013 | ytd 2014 | Incptn |
|----------------------|-------|------|------|------|----------|--------|
| ETF Growth Portfolio | 8.1%  | 6.9  | -2.1 | 25.7 | 4.2      | 48.0   |
| World Growth Index   | 17.2% | -4.1 | 15.1 | 30.5 | 4.8      | 77.0   |

The ETF Growth Portfolio changed as of 12/10/12 and again 9/23/13. It is following the new World Growth Model (WGM), which uses the same 5 etfs (EEM, EFA, IWM, QQQ, SPY) as the World Growth Index (WGI). The difference between the two is WGM uses timing and WGI is always fully invested and WGI is rebalanced to 20% in each position daily (this accounts for the different returns when WGM is invested and held). Based on the successful back testing strategy, C-lect 5 was added to the portfolio. Returns are of previous years (to last Friday in year), year to date (ytd) (from last Friday in previous year), and from inception (incptn). It also shows standard deviation (SD). The green highlight (2013, 2014) is to highlight the aforementioned changes.

| Fund Name                          | Symbol | Style | С     |
|------------------------------------|--------|-------|-------|
| Wtree India                        | EPI    | EWR   | 20.30 |
| Guggnhm Candn Enrg Incm            | ENY    | EWR   | 17.04 |
| iShares Cohen&Str REIT             | ICF    | ERE   | 16.88 |
| Guggnhm Dfnsv Eqty                 | DEF    | EV    | 14.33 |
| Wtree Intrntl Utilities            | DBU    | EW    | 12.28 |
| Select SPDR Enrgy                  | XLE    | EΑ    | 12.03 |
| SPDR Wish REIT                     | RWR    | ERE   | 11.94 |
| SPDR S&P Oil & Gas Expl. & Prod.   | XOP    | EΑ    | 11.86 |
| PS Fincl Prfrd                     | PGF    | EGI   | 11.34 |
| PS Dynmc Energy                    | PXI    | EΑ    | 11.30 |
| iShares Prfrd                      | PFF    | EGI   | 11.23 |
| iShares Canada                     | EWC    | EW    | 10.71 |
| Market Vectors Oil Services        | OIH    | EA    | 10.40 |
| Alerian MLP                        | AMLP   | EGI   | 10.26 |
| Guggnhm Glbl Div                   | LVL    | EW    | 10.26 |
| Wtree Intrntl REIT                 | DRW    | ERE   | 10.15 |
| iShares DJ Slct Div                | DVY    | EGI   | 9.74  |
| PS Dynmc Energy Explor             | PXE    | EA    | 9.73  |
| PS FTSE RAFI Emrg Mrkt             | PXH    | EW    | 9.43  |
| iShares Latin Amr                  | ILF    | EW    | 9.42  |
| iShares Brazil Indx                | EWZ    | EW    | 9.33  |
| Vngrd Emrg Mrkt                    | VWO    | EW    | 9.31  |
| iShares Singapore                  | EWS    | EW    | 9.22  |
| Wtree Eqty Income                  | DHS    | EGI   | 9.08  |
| Market Vectors Semiconductor       | SMH    | EΑ    | 8.97  |
| iShares Taiwan Indx                | EWT    | EW    | 8.60  |
| Vngrd Consmr Stpls                 | VDC    | EΑ    | 8.58  |
| Select SPDR Cnsmr Stpl             | XLP    | EΑ    | 8.46  |
| PS BLDR Emrg Mkt 50 ADR            | ADRE   | EW    | 8.32  |
| Select SPDR Utilities              | XLU    | EA    | 8.29  |
| PS Hi Yld Eqty Div                 | PEY    | EGI   | 8.22  |
| PS Dynmc Oil & Gas Srvcs           | PXJ    | EA    | 8.21  |
| Wtree Div Ex Fincl                 | DTN    | ELC   | 8.07  |
| Guggnhm Intrntl A Incm             | HGI    | EW    | 7.90  |
| PS Dynmc Semicndctr                | PSI    | EA    | 7.37  |
| PS S&P 500 LowVolatility Portfolio | SPLV   | ELC   | 7.14  |
| PS Intrntl Dvdnd                   | PID    | EW    | 6.98  |
| Guggnhm Multi Ast In               | CVY    | ΕV    | 6.81  |
| Wtree Middle East Div              | GULF   | EW    | 6.79  |
| iShares Pacific ex Jpn             | EPP    | EW    | 6.78  |

This page and the next three show the equity ETF database rankings from high to low based on C. C is Comet, which is the risk-adjusted relative performance; the higher the C ranking, the better. Comets, not stars, because comets, like funds, come into and out of prominence over time. We want the metaphor to match reality.

The first column shows the name. The second column shows the symbol. The third column shows the style; it begins with E for Equity and then the style (A is aggressive, W is world, WR is world regional, SC is small cap, MC is mid cap, LC is large cap, GI is growth/income, V is value). The fourth column shows the C level.

| iShares Australia               | EW A | ΕW    | 6.57 |
|---------------------------------|------|-------|------|
| W tree Intrntl Div Ex Fincl     | DOO  | EW    | 6.53 |
| iShares Emrg Mrkt Stk           | EEM  | ΕW    | 6.48 |
| PS DB Agriculture               | DBA  | ΕA    | 6.44 |
| Guggnhm Frntr                   | FRN  | EW    | 6.43 |
| PS FTSE RAFI Asia Pac xJpn      | PAF  | ΕW    | 6.42 |
| W tree Glbl Eqty Incm           | DEW  | ΕW    | 6.42 |
| iShares Slct Div                | IDV  | ELC   | 6.40 |
| PS Dynmc Utilities              | PUI  | ΕA    | 6.37 |
| W tree Emrg Mrkt Eincm          | DEM  | ΕW    | 6.29 |
| Guggnhm BRIC                    | EEB  | EW    | 6.23 |
| W tree DEFA Eqty Incm           | DTH  | EW    | 6.17 |
| W tree Emrg Mrkt SC Div         | DGS  | ΕW    | 6.15 |
| PS Dynmc Lrg Cap Value          | PW V | ELC   | 5.99 |
| PS Dividend Achievers           | PFM  | EGI   | 5.96 |
| W tree LrqCap Div               | DLN  | ELC   | 5.96 |
| W tree World Ex US Grth         | DNL  | EW    | 5.95 |
| Guggnhm Glbl Wtr                | CGW  | E W   | 5.84 |
|                                 |      |       |      |
| W tree Intrntl LC Div           | DOL  | ΕW    | 5.40 |
| PS S&P SmlCap Energy            | PSCE | E A   | 5.31 |
| iShares Spain                   | EW P | EW    | 5.30 |
| W tree MidCap Div               | DON  | E M C | 5.04 |
| PS DB Oil                       | DBO  | ΕA    | 4.97 |
| iShares Europe 350              | IEV  | ΕW    | 4.82 |
| iShares Core S&P 500            | IVV  | ELC   | 4.82 |
| iShares Malaysia Indx           | EW M | ΕW    | 4.76 |
| Select SPDR Div                 | SDY  | EGI   | 4.76 |
| iShares South Korea Indx        | EW Y | ΕW    | 4.75 |
| SPDR S&P 500                    | SPY  | ELC   | 4.74 |
| Guggnhm Shipping                | SEA  | ΕA    | 4.71 |
| iShares Italy Indx              | EW I | EW    | 4.54 |
| PS Glbl Agriculture             | PAGG | ΕA    | 4.34 |
| iShares Mexico                  | EW W | EW    | 4.32 |
| W tree DEFA                     | DW M | ΕW    | 4.21 |
| iShares Russell 1000 Value Indx | IW D | ELC   | 4.16 |
| Vngrd TTL Intrntl Stk           | VXUS | EW    | 4.14 |
| US Oil Fund                     | USO  | ΕA    | 3.90 |
| iShares Hong Kong Indx          | EW H | EW    | 3.86 |
| SPDR Euro Stoxx 50              | FEZ  | EW    | 3.86 |
| iShares Russel MidVal           | IW S | EMC   | 3.79 |
| PS DWA Emrg Mrkt T Ldrs         | PIE  | ΕW    | 3.75 |
| SPDR DJ Glbl Titans             | DGT  | ΕW    | 3.67 |
| W tree S&P 500                  | EPS  | ELC   | 3.61 |
| PS QQQ                          | QQQ  | ELC   | 3.52 |
| PS Emrg Mrkt Infrastrctr        | PXR  | ΕW    | 3.38 |
| Select SPDR Technigy            | XLK  | ΕA    | 3.36 |
| iShares S&P 100 Indx            | OEF  | ELC   | 3.24 |
| iShares EAFE Indx               | EFA  | ΕW    | 3.22 |
| PS FTSE RAFI Dvip Mrkt xUSA     | PXF  | ΕW    | 3.15 |
| Vngrd Div Appretn               | VIG  | EGI   | 3.11 |
| Guggnhm MidCap Core             | CZA  | EMC   | 3.08 |
| W tree Ttl Earn                 | EXT  | ELC   | 3.07 |
| Select SPDR Matris              | XLB  | EA    | 3.06 |
| Vngrd European Indx             | VGK  | EW    | 2.96 |
| Select SPDR Indi                | XLI  | ΕA    | 2.80 |
| SEIECL SPUK III UI              | ۸LI  | E A   | 2.80 |

| W tree Intrntl M C Div          | DIM            | ΕW    | 2.69  |
|---------------------------------|----------------|-------|-------|
| Vngrd Europe Pacific            | VEA            | EW    | 2.61  |
| PS DB Commodity                 | DBC            | ΕA    | 2.49  |
| iShares EMU Indx                | EZU            | EW    | 2.46  |
| PS Dynmc Food & Bev             | PBJ            | ΕA    | 2.45  |
| PS BLDR Dvlpd Mrkt 100 ADR      | ADRD           | ΕW    | 2.26  |
| Vngrd Large Cap                 | VV             | ELC   | 2.21  |
| Vngrd Materials                 | VAW            | ΕA    | 2.18  |
| PS DB Energy                    | DBE            | ΕA    | 2.09  |
| PS S&P SmICap Cnsmr StpI        | PSCC           | ΕA    | 2.04  |
| PS S&P Sm ICap Utilties         | PSCU           | ΕA    | 1.93  |
| PS Dynmc Pharma                 | PJP            | ΕA    | 1.91  |
| W tree Japan SC Div             | DFJ            | EW R  | 1.88  |
| SPDR DJ Industrials             | DIA            | ELC   | 1.86  |
| iShares China                   | FXI            | ΕW    | 1.80  |
| PS Dynmc Basic Matrl            | PYZ            | ΕA    | 1.77  |
| PS S&P 500 BuyWrite             | PBP            | ELC   | 1.77  |
| Guggnhm China REIT              | TAO            | EW R  | 1.74  |
| PS Glbl Water                   | PIO            | EW    | 1.66  |
| Vngrd Tech                      | VGT            | ΕA    | 1.59  |
| PS Dyn Mrkt                     | P W C          | ELC   | 1.54  |
| iShares Core S&P Mid Cap        | IJH            | EMC   | 1.51  |
| PS DB Base Metals               | DBB            | E G   | 1.44  |
| W tree Intrntl SC Div           | DLS            | ΕW    | 1.34  |
| iShares Germany Indx            | EW G           | ΕW    | 1.30  |
| Vngrd Small Cap Value           | VBR            | ESC   | 1.27  |
| Select SPDR Health              | XLV            | ΕA    | 1.26  |
| Guggnhm Insdr Sent              | NFO            | EMC   | 1.21  |
| PS FTSE RAFI DVIp Mrkt xUSA Sml | PDN            | EW    | 1.19  |
| PS S&P SmICap Mtrls             | PSCM           | ΕA    | 1.16  |
| Vngrd TTL Stock                 | VTI            | ELC   | 1.14  |
| Vngrd Grth                      | VUG            | ELC   | 1.14  |
| PS WilderHill Prgsv Enrgy       | PUW            | ΕA    | 1.14  |
| Market Vectors Russia           | RSX            | EW    | 1.05  |
| iShares Telecomm                | IYZ            | ΕA    | 0.94  |
| iShares Japan                   | E W J          | EW    | 0.88  |
| Vngrd Health                    | VHT            | ΕA    | 0.76  |
| PS Dynmc Consmr Staples         | PSL            | ΕA    | 0.70  |
| PS Buyback Achievers            | PKW            | EGI   | 0.69  |
| W tree MidCap Earn              | EZM            | EMC   | 0.65  |
| W tree Sml Cap Div              | DES            | ESC   | 0.65  |
| Guggnhm China All               | YAO            | EW R  | 0.58  |
| W tree Japan Hedge Eqty         | DXJ            | EC    | 0.57  |
| W tree Eur SC Div               | DFE            | EW    | 0.54  |
| iShares Russell 1000 Grwth Indx | IW F           | ELC   | 0.54  |
| Guggnhm RJ All                  | RYJ            | ELC   | 0.46  |
| Vngrd MidCap Val                | V O            | EMC   | 0.40  |
| Select SPDR Financis            | XLF            | EA    | 0.40  |
| Pro Shares Short Russell 2000   | R W M          | ESC   | 0.40  |
| PS Dynmc Retail                 | PMR            | EA    | 0.40  |
| Vngrd Fincl Srv                 |                | E A   | 0.33  |
| PS DWA Tech Ldr                 | VFH            | ELC   |       |
|                                 | PDP            |       | 0.06  |
| SPDR Mid Cap Trust              | M D Y<br>P S P | E M C | 0.01  |
| PS GIbl Listd Prvt Eqty         |                | E W   | -0.05 |
| iShares Gold                    | IAU            | E G   | -0.31 |

| PS Dynmc Lrg Cap Grth             | PW B | ELC  | -0.34 |
|-----------------------------------|------|------|-------|
| Vngrd Small Cap                   | VB   | ESC  | -0.43 |
| PS S&P Sm ICap Hith Care          | PSCH | ΕA   | -0.49 |
| PS Glbl Clean Enrgy               | PBD  | EW   | -0.50 |
| PS Cleantech                      | PZD  | ΕA   | -0.56 |
| iShares Russell 2000 Value Indx   | IW N | ESC  | -0.56 |
| PS Aerospace & Def                | PPA  | ΕA   | -0.57 |
| SPDR S&P Retail                   | XRT  | ΕA   | -0.59 |
| Vngrd Extnd 4500                  | VXF  | ELC  | -0.65 |
| Select SPDR Cnsmr Disc            | XLY  | ΕA   | -0.68 |
| SPDR S&P Metals & Mining          | XME  | ΕA   | -0.73 |
| PS Dynmc Consmr Discr             | PEZ  | ΕA   | -0.77 |
| SPDR Gold                         | GLD  | EG   | -0.79 |
| PS FTSE RAFIUS 1500 Sm I-Mid      | PRFZ | EMC  | -0.79 |
| Vngrd Consmr Dis                  | VCR  | ΕA   | -0.80 |
| PS Water Resources                | PHO  | ΕA   | -0.87 |
| iShares Russell 2000              | IW M | ESC  | -0.97 |
| Guggnhm Spin Off                  | CSD  | EMC  | -0.98 |
| PS DB Gold                        | DGL  | EG   | -0.98 |
| PS S&P Sm ICap Info Tech          | PSCT | ΕA   | -1.03 |
| PS DWA Dvlpd Mrkt T Ldrs          | PIZ  | ELC  | -1.05 |
| PS DB Precious Metals             | DBP  | EG   | -1.11 |
| PS Dynmc Fncl                     | PFI  | ΕA   | -1.15 |
| PS S&P Sm ICap Fincl              | PSCF | ΕA   | -1.16 |
| PS GIbl Gold Precious Mtls        | PSAU | EG   | -1.33 |
| Vngrd Small Cap Grth              | VBK  | ESC  | -1.39 |
| Guggnhm Timber                    | CUT  | ΕA   | -1.44 |
| iShares Silver                    | SLV  | EG   | -1.48 |
| Pro Shares Short S&P 500          | SH   | EC   | -1.55 |
| PS S&P Sm ICap Cnsmr Dis          | PSCD | ΕA   | -1.66 |
| PS S&P Sm ICap Indstrils          | PSCI | ΕA   | -1.66 |
| SPDR S&P Bank                     | KBE  | ΕA   | -1.67 |
| PS DB Silver                      | DBS  | EG   | -1.67 |
| iShares DJ US Home Constr.        | ITB  | ΕA   | -1.85 |
| PS Dynmc Technology               | PTF  | ΕA   | -1.90 |
| SPDR S&P Regional Banking         | KRE  | ΕA   | -1.94 |
| PS Dynmc Software                 | PSJ  | ΕA   | -2.00 |
| PS Dynmc Bldg Cnstrctn            | PKB  | ΕA   | -2.08 |
| US Natural Gas                    | UNG  | ΕA   | -2.25 |
| Guggnhm China Sml                 | HAO  | EW R | -2.28 |
| SPDR S&P Homebuilders             | ХНВ  | ΕA   | -2.29 |
| PS Zacks Micro Cap                | PZI  | ESC  | -2.56 |
| PS Dynmc Leisure & Enter          | PEJ  | ΕA   | -2.56 |
| Market Vectors Gold Minors        | GDX  | EG   | -2.67 |
| PS Dynmc Media                    | PBS  | ΕA   | -2.70 |
| PS Dynmc Healthcare               | PTH  | ΕA   | -2.95 |
| PS Dynmc Networking               | PXQ  | ΕA   | -2.95 |
| Guggnhm Solar                     | TAN  | ΕA   | -3.18 |
| PS Dynmc Biotech                  | PBE  | ΕA   | -3.37 |
| PS Gldn Drgn USX China            | PGJ  | EW   | -4.14 |
| PS NASDAQ Intrnt                  | PNQI | ΕA   | -4.83 |
| PS WilderHill Cln Enrgy           | PBW  | ΕA   | -7.86 |
| Market Vectors Junior Gold Miners | GDXJ | EG   | -8.47 |

## S&P 500 (SPY) and NYSE Margin Debt (reiteration)



Last week edit: I went back and looked a third time at the two previous tops. For both, the trigger of the subsequent severe sell off was 5%. So if SPY closes 5% lower than its recent peak at 196.5 (below 186.7), odds are that won't be a buying opportunity.

Last week edit:A member asked about depth of loss and duration to bottom of the previous two signals. The first bear lasted 16 months and lost 51%. The second bear lasted 25 months and lost 45%. So IF the market follows the previous averages and peaks this month, the bottom would fall somewhere between 10/15 and 7/16 with the Dow Industrials around 8,400 (current about 16,800).

Previous week: The chart shows the total return (dividends included) of SPY (the S&P 500 etf) (blue line, right scale) and NYSE margin debt (red line, left scale) from 1/29/1993 through 5/31/2014. I shift the margin debt data forward by one month.

As you can see, the two series are closely correlated. But the point is to show that at the two previous major peaks in 2000 and 2007 (large blue down arrows) that preceded 50% losses in SPY, the debt series peaked from 2 to 4 months ahead of the market's peak.

The smaller down arrow marks a coincident peak in 2011 when the market plunged near 20% but did recover. Again, the major peaks were preceded by reductions in margin debt. This is similar to what is happening now. NYSE margin debt peaked in March 2014 (again I shift the data forward one month to make it more timely). The stock market as measured by SPY has continued to climb during April and May.

So, we are now 2 months from the NYSE margin debt peak and entering month 3 with June. If past parameters hold, we are either peaking now or will peak by 7/31. The move thereafter would be another 50% decline.

The reason for this is maintenance. An account with margin debt must maintain enough equity to offset any market decline. If the equity is not enough, then the account must sell to raise cash (or the holder must add cash).

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

(Continued from page 1) REVIEW

In a rational world, comparing the two series makes sense, but with the caveat that stocks are inherently more risky. The earnings yield for stocks should be greater than government bonds.

Today the 10-year Treasury yield is 2.6% and the earnings yield of the Dow Jones Industrials is 6.6% with a forward PE projection of about 15.2x. Hmmm, on the face of it, without any further thought or risk comparison, which is the "better" investment?

For both yields to be "more" equivalent then, the DJI would need to more than double from these levels, which would halve

the earnings yield to 3.3%. This assumes earnings growth and Treasury yields remain flat.

So again, while the Fed model is not always spot on, it has consistently been signaling that the market is "cheap" compared to 10-year Treasury yields.

Like the margin debt chart, this timing factor is not part of the timing model, but operates in the back ground as something to be aware of and monitor.

See the portfolio pages for any changes.

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.

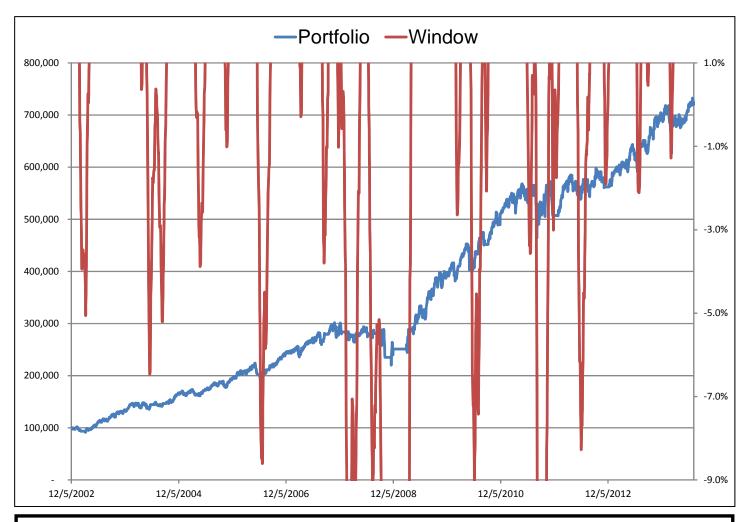
Oddly, bull and bear markets may occur simultaneously, but only over different time periods. For example, we may be in a secular bear market, but there are cyclical bull and bear markets within that.

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.

Portfolio stops for the World Growth Model are internally maintained; they are based on the World Growth Index, not the individual ETFs. Stops will be emailed when close or if triggered.

7/14 No changes. 7/7 No changes. 6/30 No changes. 6/23 No changes. 6/16 No changes.

## Window to Buy (closed as of 7/14/14)



The chart above shows the World Growth Model (Portfolio-blue line) and the Window to Buy (Window-red spikes). The chart covers the period from 12/5/2002 through the present.

The Window to Buy is to answer the question, when should I buy if I missed the initial timing model buy signal, or when do I buy more after my initial position to increase my position with additional money?

Being risk-averse, I wanted a way to answer this sensibly, which is try to buy on measured corrections, rather than chase the market higher and higher. The Window to Buy is the answer. The caveat is that in a strong, early bull market, this approach may miss the early gains, unless you are already following the World Growth Model strategy (and bought on the initial buy). But the rest of the time, the Window is a solid approach to managing portfolio risk.

The base line for the Window is 0%. The chart shows +1% to -9%. When the base line is above zero, the Window is closed. It doesn't mean the market can't or won't go higher. It just means that the downside risk to the potential stop or sell signal is fairly wide. When the WGM drops enough, then the Window to buy opens.

When the Window opens, it represents a lower-risk entry period. If the market recovers, the Window will close again. If the market continues lower, either the sell stop will be triggered or the timing model will signal a sell. The timing model sell signal overrides the Window to Buy.

What ideally happens in up markets is the timing model remains on a buy, while the market corrects and opens the Window to Buy. It then reverses and heads higher with more investment dollars on board for the rally.

## **Descriptions & Disclosures**

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

Our guiding goal is to provide the most return with the least risk consistently 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: As of 12/10/12, it is based on the World Growth Index (WGI), 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. On 9/23/13, the new C-lect 5 is also part of this portfolio. It too uses timing.

Both portfolios were started on 1/1/10 with \$100,000. As mentioned, the Growth Portfolio strategy was changed on 12/10/12 to the World Growth Model and again on 9/23/13 to incorporate the C-lect 5 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, defined as market closed). Portfolios are updated through the Friday close the week before.

Dividends are reinvested in additional shares.

Commissions of \$10 per trade are applied. Interest is currently 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 (closed stock market) and then on Tuesday. It may contain actionable, specific buy or sell advice to take that day at the Monday (or Tuesday) 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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