## HV ETF Master List as of 05/26/2022

| Ticker | ETF Name                                       | Orientation            | M-Index | 4 wk   | 8 wk   | 12 wk  | YTD 9   | %M/A   | DD%     |
|--------|------------------------------------------------|------------------------|---------|--------|--------|--------|---------|--------|---------|
| UNG    | U.S. Natural Gas Fund                          | Oil & Gas              | 73      | 24.65% | 50.76% | 78.67% | 138.03% | 66.53% | -66.34% |
| IEO    | iShares DJ Oil & Gas Expl.&Prod.               | Energy Equities        | 27      | 13.45% | 13.94% | 22.34% | 56.87%  | 37.12% | 0.00%   |
| XLE    | Energy Select Sector *                         | Energy Equities        | 26      | 12.72% | 13.74% | 18.90% | 56.65%  | 35.60% | 0.00%   |
| VDE    | Vanguard Energy VIPERS                         | Energy Equities        | 25      | 11.81% | 12.89% | 19.02% | 55.70%  | 34.78% | 0.00%   |
| TBT    | ProShares UltraShort Lehman 20 Yr Treas        | Leveraged Bonds        | 25      | 2.35%  | 21.09% | 30.25% | 46.83%  | 28.48% | -41.87% |
| IYE    | Dow Jones US Energy                            | Specialty-Natural Res. | 23      | 11.72% | 11.78% | 18.04% | 51.96%  | 33.01% | 0.00%   |
| IXC    | S&P Global Energy                              | Energy Equities        | 22      | 11.45% | 12.01% | 17.57% | 47.18%  | 29.70% | 0.00%   |
| FXN    | 1st Trust Energy AlphaDEX                      | Energy Equities        | 21      | 11.88% | 8.79%  | 18.05% | 45.39%  | 29.11% | -4.68%  |
| GSG    | iShares GSCI Commodity Index                   | Commodities.           | 17      | 4.60%  | 10.33% | 7.58%  | 46.05%  | 28.52% | -3.33%  |
| PSQ    | ProShares Short QQQ                            | Inverse Equities       | 16      | 7.81%  | 18.05% | 10.42% | 26.22%  | 14.88% | -75.42% |
| ECH    | iShares Chile Index                            | Latin America          | 16      | 17.55% | 2.99%  | 13.11% | 29.67%  | 14.37% | -46.70% |
| DBC    | PowerShares DB Commodity Index                 | Commodities            | 15      | 3.32%  | 9.98%  | 10.57% | 37.92%  | 25.04% | 0.00%   |
| IGE    | iShares North American Natural Resources       | Commodity Producers    | 15      | 7.07%  | 5.98%  | 11.79% | 36.18%  | 23.92% | 0.00%   |
| HDGE   | Ranger Equity Bear                             | Inverse Equities       | 14      | 6.69%  | 17.46% | 14.19% | 16.46%  | 12.46% | -74.43% |
| DJP    | Bloomberg Commodity Index                      | Commodities            | 14      | 2.20%  | 8.05%  | 7.64%  | 38.95%  | 23.39% | -1.72%  |
| TBF    | ProShares Short 20+Year Treasury               | Inverse Bonds          | 12      | 1.25%  | 10.23% | 14.50% | 21.95%  | 14.08% | -20.25% |
| RWM    | ProShares Short Russell2000                    | Inverse Equities       | 10      | 3.16%  | 10.58% | 7.75%  | 17.20%  | 10.81% | -61.24% |
| SH     | Short S&P 500 ProShares ETF                    | Inverse Equities       | 9       | 4.73%  | 10.08% | 5.44%  | 13.88%  | 6.78%  | -62.76% |
| FTGC   | First Trust Global Tactical Commodity Strategy | Commodities            | 9       | 0.24%  | 3.27%  | 3.38%  | 27.32%  | 13.42% | -6.68%  |
| EWZ    | iShares Brazil Index                           | Latin America Stock    | 7       | 6.16%  | -6.11% | 2.69%  | 26.47%  | 9.66%  | -26.67% |
| GUNR   | FlexShares Global Upstream Natural Resources   | Commodity Producers    | 6       | 2.95%  | -0.13% | 3.82%  | 18.44%  | 12.85% | -4.41%  |
| ILF    | iShares S&P 40 Latin America                   | Latin America Stock    | 6       | 6.81%  | -6.55% | 2.27%  | 21.06%  | 7.53%  | -28.10% |
| GNR    | SPDR S&P Global Natural Resources              | Commodity Producers    | 6       | 3.23%  | -0.29% | 5.73%  | 16.01%  | 10.77% | -4.11%  |
| FXU    | 1st Trust Utilities AlphaDEX                   | Utilities Equities     | 5       | 2.50%  | 2.41%  | 8.84%  | 6.55%   | 9.04%  | -1.19%  |
| FDL    | 1st Trust Morningstar Div. Lead's              | Large Cap Value        | 5       | 3.02%  | 3.77%  | 5.48%  | 9.25%   | 9.33%  | 0.00%   |
| DOG    | ProShares Short Dow 30                         | Bear Market            | 5       | 3.15%  | 5.17%  | 1.93%  | 8.56%   | 3.86%  | -61.56% |
| EWP    | iShares Spain Index                            | Europe Stock           | 5       | 6.41%  | 3.69%  | 9.45%  | 0.49%   | 0.46%  | -27.15% |
| HDV    | iShares Core High Dividend                     | Large Cap Value Equiti | 4       | 1.72%  | 1.69%  | 3.53%  | 7.63%   | 7.19%  | -1.11%  |
| DHS    | Wisdom Tree High-Yield Equity                  | Large Cap Value        | 4       | 2.28%  | 2.19%  | 4.23%  | 9.06%   | 8.19%  | -1.28%  |
| EFZ    | ProSharesShort MSCI EAFE                       | Inverse Equities       | 4       | -0.56% | 5.02%  | 0.77%  | 10.63%  | 6.10%  | -44.89% |
| DBA    | PowerShares DB Agriculture Fd                  | Agriculture Commoditie | 4       | -0.13% | 1.83%  | 1.69%  | 12.81%  | 9.04%  | -2.96%  |
| UUP    | PowerShares DB US Dollar Bullish               | Currency               | 3       | -1.66% | 3.50%  | 4.05%  | 6.20%   | 5.04%  | -3.10%  |
| XLU    | Utilities Select Sector *                      | Utilities Equities     | 3       | 1.02%  | -0.34% | 6.99%  | 3.67%   | 7.09%  | -3.57%  |
| VPU    | Vanguard Utilities VIPERS                      | Utilities Equities     | 3       | 1.17%  | -0.31% | 6.63%  | 3.14%   | 6.78%  | -3.38%  |
| DVY    | iShares Select Dividend Index                  | Large Cap Value        | 3       | 1.56%  | 0.81%  | 3.11%  | 5.37%   | 5.61%  | -2.25%  |
| TUR    | iShares Turkey Investment Index                | Emerging Markets Equit | 2       | -8.71% | -0.77% | 8.33%  | 10.55%  | -1.00% | -56.41% |
| JXI    | iShares S&P Global Utilities                   | Utilities Equities     | 2       | 1.25%  | -0.35% | 7.01%  | 1.41%   | 4.67%  | -2.79%  |
| SPHD   | PowerShares S&P 500 HiDivLowVol                | Large Cap Value        | 2       | -0.42% | 0.80%  | 3.82%  | 5.10%   | 5.75%  | -3.35%  |
| DXJ    | Wisdom Tree Japan Hedged Equity                | Japan Stock            | 2       | -0.68% | 0.25%  | 4.77%  | 2.62%   | 1.90%  | -2.60%  |
| SDOG   | ALPS Sector Dividend Dogs                      | Large Cap Value Equiti | 2       | 0.27%  | 1.04%  | 1.35%  | 3.79%   | 3.55%  | -3.19%  |
| PEY    | PowerShares Hi Yields Div. Achiev's            | Mid-Cap Value          | 2       | 1.99%  | 0.78%  | 2.28%  | 4.46%   | 4.85%  | -2.14%  |
|        |                                                |                        |         |        |        |        |         |        |         |

| Ticker | ETF Name                                           | Orientation              | M-Index | 4 wk   | 8 wk    | 12 wk  | YTD     | %M/A   | DD%      |
|--------|----------------------------------------------------|--------------------------|---------|--------|---------|--------|---------|--------|----------|
| IDU    | Dow Jones US Utilities                             | Utilities Equities       | 2       | 0.34%  | -0.62%  | 6.44%  | 2.27%   | 6.04%  | -48.92%  |
| FV     | First Trust VL Dividend                            | Large Cap Value Equiti   | 1       | 2.89%  | 0.97%   | 1.24%  | -2.16%  | 0.58%  | -6.62%   |
| IDV    | iShares International Select Dividend              | Foreign Large Cap Equi   | 1       | 3.71%  | -0.66%  | 0.80%  | 1.19%   | 0.65%  | -12.07%  |
| IHE    | iShares DJ US Pharmaceuticals                      | Health & Biotech Equiti  | 1       | 1.79%  | 0.20%   | 4.56%  | -2.50%  | 2.07%  | -3.56%   |
| EFV    | MSCI EAFE iShares Value Index                      | Foreign Large Cap Equi   | 1       | 3.06%  | -1.39%  | 2.06%  | -1.65%  | -2.07% | -16.80%  |
| FXG    | 1st Trust Consumer Staples                         | Consumer Staples Equi    | 1       | -2.81% | 1.41%   | 1.57%  | 4.38%   | 5.95%  | -4.86%   |
| EWW    | iShares Mexico Index                               | Latin America Stock      | 1       | 2.89%  | -5.46%  | 4.09%  | 2.71%   | 4.48%  | -9.81%   |
| RPV    | Guggenheim S&P 500 Pure Value                      | Large Value              | 1       | 0.06%  | -1.97%  | 0.55%  | 3.87%   | 3.32%  | -4.85%   |
| EWU    | iShares United Kingdom Index                       | Europe Stock             | 0       | 1.82%  | -1.75%  | 0.79%  | -0.27%  | -0.23% | -12.75%  |
| BSJI   | Guggenheim BulletShares High Yield Corp Bond       | High Yield Bonds         | 0       | 0.00%  | 0.00%   | 0.00%  | 0.00%   | 0.00%  | -100.00% |
| FTSM   | First Trust Enhanced Short Maturity                | Total Bond Market        | 0       | 0.07%  | 0.07%   | -0.15% | -0.38%  | -0.29% | -1.08%   |
| FLOT   | iShares Floating Rate Bond                         | Corporate Bonds          | 0       | -0.16% | -0.24%  | -0.51% | -0.65%  | -0.52% | -1.35%   |
| IYK    | Dow Jones US Cons. Goods                           | Consumer Staples Equi    | 0       | -4.25% | 1.16%   | 0.58%  | 1.26%   | 3.88%  | -5.02%   |
| XME    | SPDR S&P Metals & Mining                           | Commodity Producers      | 0       | -6.41% | -10.88% | -5.47% | 21.97%  | 12.11% | -17.05%  |
| VTIP   | Vanguard Short-Term Inflation-Protected Securities | Inflation-Protected Bond | -1      | 0.22%  | -0.43%  | -1.26% | -0.80%  | -1.14% | -3.43%   |
| PXF    | PowerShares FTSE RAFI Developed Markets            | Foreign Large Cap Equi   | -1      | 2.47%  | -2.73%  | -0.42% | -5.30%  | -4.12% | -10.94%  |
| SCHD   | Schwab US Dividend Equity                          | All Cap Equities         | -1      | 0.14%  | -1.24%  | 0.15%  | -3.61%  | 0.13%  | -4.92%   |
| VYM    | Vanguard High Div. Yield Index                     | Large Cap Value          | -1      | -0.17% | -1.51%  | -0.19% | -1.39%  | 0.91%  | -3.88%   |
| BSV    | Vanguard Short Term Bond                           | Total Bond Market        | -1      | 0.62%  | -0.28%  | -2.09% | -3.90%  | -2.91% | -6.75%   |
| SCHO   | Schwab Short-Term U.S. Treasury                    | Government Bonds         | -1      | 0.49%  | 0.10%   | -1.18% | -2.48%  | -1.72% | -4.14%   |
| SDY    | SPDR Dividend ETF                                  | Large Value              | -1      | -1.30% | -1.55%  | -0.26% | -2.32%  | 0.84%  | -4.67%   |
| SHY    | iShares Lehman 1-3 Year Treasury                   | Government Bonds         | -1      | 0.48%  | 0.13%   | -1.17% | -2.43%  | -1.69% | -3.85%   |
| DBEF   | Deutsche X-Trackers MSCI EAFE Hedged               | Foreigh Large Cap Equi   | -1      | -1.17% | -1.41%  | 2.96%  | -5.32%  | -2.35% | -6.91%   |
| DBEU   | Deutsche X-Trackers MSCI Europe Hedged             | Europe Equities          | -1      | -1.31% | -1.16%  | 3.37%  | -6.49%  | -2.54% | -8.00%   |
| DBJP   | Deutsche X-Trackers MSCI Japan Hedged              | Japan Equities           | -1      | -1.38% | -1.12%  | 3.33%  | -4.13%  | -1.90% | -7.69%   |
| HEWJ   | iShares Currency Hedged MSCI Japan                 | Japan Equities           | -1      | -1.58% | -1.43%  | 3.29%  | -4.06%  | -2.46% | -8.89%   |
| HEFA   | iShares Currency Hedged MSCI EAFE                  | Foreign Large Cap Equi   | -1      | -1.21% | -1.33%  | 3.14%  | -5.21%  | -2.82% | -7.82%   |
| VGSH   | Vanguard Short-Term Government                     | Government Bonds         | -1      | 0.51%  | 0.12%   | -1.15% | -2.47%  | -1.83% | -4.83%   |
| VAW    | Vanguard Materials VIPERS                          | Materials                | -2      | -1.58% | -3.66%  | 1.36%  | -5.04%  | 0.01%  | -6.29%   |
| XLB    | Materials Select Sector *                          | Materials                | -2      | -1.62% | -3.17%  | 2.41%  | -5.79%  | -0.15% | -5.79%   |
| GVI    | iShares Lehman Interm. Govt/Credit                 | Total Bond Market        | -2      | 0.69%  | -1.24%  | -3.52% | -5.78%  | -4.27% | -9.44%   |
| FLTB   | Fidelity Limited Term Bond                         | Corporate Bonds          | -2      | 0.28%  | -0.84%  | -2.64% | -4.71%  | -3.42% | -6.68%   |
| VCSH   | Vanguard Short-Term Corporate Bond                 | Corporate Bonds          | -2      | 0.57%  | -0.77%  | -2.31% | -4.64%  | -3.40% | -6.92%   |
| VTV    | Vanguard Value                                     | Large Cap Value          | -2      | -1.44% | -3.25%  | -1.38% | -2.81%  | -0.43% | -5.19%   |
| RHS    | Guggenheim S&P 500 = Wt. Consum Staples            | Consumer Staples         | -2      | -5.75% | -0.30%  | -0.99% | -0.59%  | 2.12%  | -6.60%   |
| MOO    | VanEck Vectors Agribusiness                        | Commodity Producers      | -2      | -2.53% | -6.44%  | -0.44% | 2.50%   | 1.63%  | -9.71%   |
| IYM    | Dow Jones US Basic Mat's                           | Materials                | -2      | -2.53% | -6.11%  | 0.68%  | 0.15%   | 2.64%  | -8.83%   |
| DWX    | SPDR S&P International Dividend                    | Foreign Large Cap Equi   | -2      | -0.87% | -3.48%  | -1.32% | -3.73%  | -3.02% | -12.77%  |
| DON    | Wisdom Tree MidCap Div.                            | Mid-Cap Value            | -2      | -0.85% | -3.33%  | -2.32% | -3.20%  | -0.88% | -57.68%  |
| EWI    | iShares Italy Index                                | Europe Stock             | -2      | 4.23%  | -2.27%  | 1.41%  | -12.04% | -7.53% | -16.28%  |
| HEZU   | iShares Currency Hedged MSCI Eurozone              | Europe Equities          | -2      | 0.21%  | -0.64%  | 3.47%  | -9.67%  | -5.45% | -12.66%  |
| HEDJ   | WisdomTree Europe Hedged Equity                    | Europe Equities          | -2      | -0.84% | -0.61%  | 3.13%  | -8.76%  | -4.53% | -11.01%  |
| THD    | iShares Thailand Capped Invest Mrkt Idx            | Emerging Markets Equit   | -2      | 1.44%  | -3.24%  | -5.86% | -0.89%  | -1.45% | -25.82%  |
| KIE    | SPDR S&P Insurance                                 | Specialty-Financial      | -2      | -1.91% | -5.85%  | -0.15% | -1.98%  | -0.99% | -57.83%  |
|        |                                                    |                          |         |        |         |        |         |        |          |

| Ticker | ETF Name                                        | Orientation              | M-Index | 4 wk   | 8 wk   | 12 wk   | YTD '   | %M/A   | DD%     |
|--------|-------------------------------------------------|--------------------------|---------|--------|--------|---------|---------|--------|---------|
| IEI    | iShares Lehman 3-7 Yr. Tresury                  | Government Bonds         | -3      | 0.75%  | -0.94% | -4.05%  | -6.04%  | -4.37% | -9.84%  |
| XLV    | Health Care Select SPDR *                       | Health & Biotech Equiti  | -3      | -1.42% | -3.77% | -0.02%  | -6.43%  | -0.90% | -7.70%  |
| GLD    | SPDR Gold Shares                                | Precious Metals          | -3      | -2.36% | -4.37% | -4.45%  | 1.05%   | 0.42%  | -10.90% |
| FNDX   | Schwab Fundamental U.S. Large Company Index     | Large Cap Value Equiti   | -3      | -1.85% | -4.51% | -2.56%  | -4.69%  | -1.81% | -6.74%  |
| PHB    | PowerShares High Yield Corp Bond                | High Yield Bonds         | -3      | 0.45%  | -2.61% | -3.82%  | -7.88%  | -5.19% | -9.05%  |
| IVE    | S&P 500/BARRA Value                             | Large Value              | -3      | -2.28% | -4.27% | -2.30%  | -4.83%  | -1.95% | -6.28%  |
| VGIT   | Vanguard Intermediate-Term Gov Bonds            | Government Bonds         | -3      | 0.78%  | -1.48% | -4.60%  | -6.75%  | -5.14% | -12.52% |
| IAU    | iShares Gold Trust                              | Precious Metals          | -3      | -2.33% | -4.43% | -4.40%  | 1.12%   | 0.49%  | -10.71% |
| HYS    | PIMCO 0-5 Year High Yield Corp Bond             | High Yield Bonds         | -3      | -0.43% | -2.35% | -2.17%  | -5.21%  | -3.28% | -7.83%  |
| FXE    | CurrencyShares Euro Currency Trust              | Currency                 | -3      | 1.93%  | -3.24% | -3.33%  | -6.14%  | -5.17% | -17.60% |
| XMLV   | PowerShares S&P MidCap Low Volatility Portfolio | Mid Cap Blend Equities   | -3      | -2.28% | -3.06% | -0.61%  | -7.48%  | -1.77% | -7.60%  |
| SJNK   | SPDR Barclays Short Term High Yield Bond        | High Yield Bonds         | -3      | -0.74% | -2.67% | -2.89%  | -5.93%  | -4.24% | -9.24%  |
| EWA    | iShares Australia Index                         | Asia Pacific Equities    | -3      | -2.20% | -7.57% | 0.21%   | -1.61%  | -2.51% | -10.77% |
| VOE    | Vanguard Mid Cap Value                          | Mid-Cap Value            | -3      | -1.96% | -3.94% | -1.52%  | -4.36%  | -1.58% | -6.14%  |
| MUB    | iShares S&P National Muni Bond                  | National Munis           | -3      | 1.07%  | -1.61% | -4.18%  | -7.22%  | -4.84% | -8.53%  |
| SCHR   | Schwab Intermediate-Term U.S. Treasury          | Government Bonds         | -3      | 0.85%  | -1.63% | -4.50%  | -6.70%  | -4.80% | -11.16% |
| IXJ    | S&P Global Healthcare                           | Health & Biotech Equiti  | -3      | -1.14% | -3.81% | 0.62%   | -6.71%  | -1.79% | -31.51% |
| EWH    | iShares Hong Kong Index                         | China Equities           | -3      | 0.98%  | -3.68% | -2.90%  | -6.25%  | -7.47% | -22.63% |
| SHYG   | iShares 0-5 Year High Yield Corporate Bond      | High Yield Bonds         | -3      | -0.51% | -2.50% | -2.72%  | -5.39%  | -3.76% | -10.76% |
| HEWG   | iShares Currency Hedged MSCI Germany            | Europe Equities          | -3      | 0.60%  | -1.44% | 2.31%   | -12.46% | -8.11% | -15.55% |
| IEV    | S&P Europe 350 Index                            | Europe Stock             | -4      | 0.57%  | -4.54% | -0.48%  | -11.82% | -7.65% | -13.99% |
| PRF    | PowerShares FTSE RAFI US 1000                   | Large Cap Value          | -4      | -2.02% | -5.04% | -3.20%  | -5.50%  | -2.58% | -7.54%  |
| IYH    | Dow Jones US Healthcare                         | Specialty-Health         | -4      | -1.63% | -4.71% | -0.89%  | -8.38%  | -2.80% | -8.84%  |
| PPLT   | ETFS Physical Platinum Shares                   | Precious Metals          | -4      | 3.33%  | -3.85% | -12.30% | -1.86%  | -5.11% | -26.12% |
| PJP    | Dynamic Pharmaceuticals                         | Health & Biotech Equiti  | -4      | -3.14% | -5.39% | -1.83%  | -7.20%  | -3.96% | -9.88%  |
| IVOV   | Vanguard S&P Mid-Cap 400 Value                  | Mid Cap Value Equities   | -4      | -1.63% | -5.76% | -3.75%  | -6.37%  | -3.83% | -9.72%  |
| IWD    | Russell 1000 Value                              | Large Value              | -4      | -2.02% | -4.80% | -2.90%  | -5.90%  | -2.94% | -7.33%  |
| NOBL   | ProShares S&P 500 Dividend Aristocrats          | Large Cap Value Equiti   | -4      | -3.52% | -3.74% | -1.63%  | -6.95%  | -2.47% | -7.44%  |
| HYG    | iShares Lehman Hi-Yield Corp.                   | High Yield Bond          | -4      | -0.04% | -3.41% | -4.33%  | -8.65%  | -5.72% | -10.67% |
| GOVT   | iShares Core U.S. Treasury Bond                 | Government Bonds         | -4      | 0.21%  | -2.45% | -5.34%  | -8.92%  | -5.87% | -14.13% |
| FXB    | CurrencyShares British Pound                    | Currency                 | -4      | 1.00%  | -4.19% | -5.70%  | -6.98%  | -5.74% | -16.81% |
| DEM    | WisdomTree Emerg. Mkts Hi-Yld E.                | Emerging Mkts Equities   | -4      | 0.22%  | -5.76% | -5.82%  | -4.80%  | -5.59% | -17.98% |
| EPP    | iShares Pacific ex. Japan Index Fund            | Pacific Asia/excl. Japan | -4      | -1.78% | -7.19% | -1.47%  | -4.36%  | -5.51% | -15.36% |
| SPLV   | PowerShares S&P 500 Low Volat.                  | Large Cap Blend          | -4      | -4.43% | -3.83% | -0.42%  | -5.99%  | -0.53% | -7.06%  |
| EWC    | iShares Canada Index                            | Foreign Large Cap Equi   | -4      | -2.24% | -7.91% | -3.67%  | -3.64%  | -3.14% | -8.93%  |
| VLUE   | iShares Edge MSCI USA Value Factor              | Large Cap Value Equiti   | -4      | -0.65% | -3.29% | -4.25%  | -7.62%  | -3.39% | -12.00% |
| DFE    | Wisdom Tree Europe SmCap Div.                   | Europe Stock             | -4      | 0.96%  | -4.55% | 0.99%   | -13.90% | -8.87% | -18.91% |
| SCHZ   | Schwab US Aggregate Bond                        | Total Bond Market        | -4      | 0.39%  | -3.20% | -5.59%  | -9.18%  | -6.67% | -14.00% |
| SCHV   | Schwab U.S. Large-Cap Value                     | Large Cap Value Equiti   | -4      | -2.16% | -4.65% | -3.01%  | -7.03%  | -3.34% | -8.25%  |
| VDC    | Vanguard Consumer Staples                       | Consumer Staples Equi    | -4      | -7.28% | -2.74% | -2.84%  | -4.67%  | -0.89% | -8.53%  |
| EWQ    | iShares France Index                            | Europe Stock             | -4      | 1.49%  | -3.91% | 0.74%   | -12.68% | -8.11% | -16.07% |
| BNDX   | Vanguard Total International Bond               | Total Bond Market        | -4      | -0.61% | -3.24% | -5.39%  | -8.01%  | -7.39% | -14.32% |
| BKLN   | PowerShares Exchange-Traded Fund Trust          | High Yield Bonds         | -4      | -2.82% | -3.40% | -3.18%  | -4.84%  | -3.96% | -10.20% |
| BIV    | Vanguard Intermed. Term Bond                    | Intermediate-Term Bon    | -4      | 0.84%  | -2.89% | -6.02%  | -9.23%  | -7.17% | -15.73% |
|        |                                                 |                          |         |        |        |         |         |        |         |

| Ticker | ETF Name                                        | Orientation              | M-Index | 4 wk   | 8 wk   | 12 wk  | YTD     | %M/A    | DD%     |
|--------|-------------------------------------------------|--------------------------|---------|--------|--------|--------|---------|---------|---------|
| AGG    | iShares Lehman Aggregate Bond                   | Intermediate-Term Bon    | -4      | 0.45%  | -2.93% | -5.37% | -8.87%  | -6.41%  | -13.10% |
| XLP    | Consumer Staples Select *                       | Consumer Staples         | -4      | -7.10% | -2.31% | -2.27% | -3.85%  | -0.13%  | -7.98%  |
| IWS    | Russell MidCap Value                            | Mid-Cap Value            | -5      | -2.38% | -5.43% | -3.17% | -7.55%  | -3.71%  | -8.46%  |
| PZA    | Pshares Insured National Munis                  | National Munis           | -5      | 0.75%  | -3.57% | -7.22% | -11.32% | -7.81%  | -12.65% |
| VBR    | Vanguard SmallCap Value                         | Small Cap Value          | -5      | -1.99% | -5.60% | -4.55% | -7.13%  | -4.35%  | -10.57% |
| EWM    | iShares Malaysia Index                          | Emerging Markets Equit   | -5      | -2.59% | -6.13% | -6.75% | -3.96%  | -4.79%  | -34.08% |
| VEA    | Vanguard FTSE Developed Markets                 | Foreign Large Cap        | -5      | -0.40% | -5.98% | -3.24% | -11.56% | -8.70%  | -15.48% |
| ACWV   | iShares Edge MSCI Min Vol Global                | Global Equities          | -5      | -3.58% | -5.78% | -3.34% | -8.79%  | -5.17%  | -8.79%  |
| VGK    | Vanguard European                               | Europe Equities          | -5      | 0.20%  | -4.88% | -1.00% | -13.19% | -8.86%  | -16.09% |
| IHDG   | WisdomTree International Hedged Dividend Growth | Foreign Large Cap Equi   | -5      | -2.32% | -4.82% | -1.90% | -10.67% | -6.05%  | -11.99% |
| IJJ    | S&P MidCap 400/BARRA Value                      | Mid-Cap Blend            | -5      | -1.60% | -5.81% | -4.10% | -6.69%  | -3.56%  | -40.32% |
| DES    | Wisdom Tree SmallCap Div.                       | Small Cap Value          | -5      | -0.62% | -4.68% | -5.18% | -7.55%  | -4.15%  | -64.44% |
| IJS    | S&P SmallCap 600/BARRA Value                    | Small Value              | -5      | -1.29% | -5.03% | -5.25% | -6.94%  | -4.53%  | -43.87% |
| BND    | Vanguard Total Bond Market                      | Intermediate-Term Bon    | -5      | 0.25%  | -3.32% | -5.73% | -9.26%  | -6.85%  | -14.06% |
| DGRO   | iShares Core Dividend Growth                    | Large Cap Value Equiti   | -5      | -2.59% | -4.83% | -3.35% | -8.55%  | -3.74%  | -9.33%  |
| EFA    | MSCI EAFE iShares Index Fd                      | Foreign Large Cap Equi   | -5      | 0.20%  | -5.45% | -2.11% | -11.55% | -8.58%  | -15.27% |
| IEFA   | iShares Core MSCI EAFE                          | Foreign Large Cap Equi   | -5      | -0.17% | -5.73% | -2.70% | -12.21% | -9.13%  | -16.20% |
| IEF    | iShares Lehman 7-10 Yr Treasury                 | Government Bonds         | -5      | 0.87%  | -2.99% | -6.82% | -9.34%  | -6.66%  | -15.28% |
| BOND   | PIMCO Total Return Active Exchange-Traded       | Total Bond Market        | -5      | -0.34% | -3.67% | -6.42% | -10.39% | -7.77%  | -13.38% |
| VHT    | Vanguard Health Care                            | Health & Biotech Equiti  | -5      | -1.86% | -5.31% | -1.93% | -9.59%  | -4.19%  | -9.95%  |
| FXO    | 1st Trust Financials AlphaDEX                   | Financial Equities       | -5      | -0.02% | -6.23% | -5.11% | -6.98%  | -5.41%  | -11.44% |
| EWG    | iShares Germany Index                           | Europe Stock             | -5      | 2.47%  | -5.00% | -1.43% | -17.72% | -13.40% | -26.07% |
| SCHF   | Schwab International Equity                     | Foreign Large Cap Equi   | -5      | -0.14% | -5.75% | -2.86% | -10.96% | -8.44%  | -15.25% |
| SCHP   | Schwab U.S. TIPs                                | Inflation-Protected Bond | -5      | -2.05% | -3.76% | -5.59% | -7.09%  | -5.22%  | -8.55%  |
| TOTL   | SPDR DoubleLine Total Return Tactical           | Total Bond Market        | -5      | -0.51% | -3.31% | -5.73% | -8.56%  | -6.78%  | -14.02% |
| EWK    | iShares Belgium Index                           | Europe Stock             | -5      | -1.82% | -6.48% | -0.99% | -11.47% | -8.73%  | -18.53% |
| EZU    | European Monetary Union Index                   | Europe Stock             | -5      | 1.79%  | -4.30% | -0.17% | -15.51% | -10.92% | -19.64% |
| VCIT   | Vanguard Intermediate-Term Corporate Bond       | Corporate Bonds          | -5      | 0.71%  | -3.80% | -6.43% | -10.77% | -8.13%  | -14.82% |
| JNK    | Barclays Cap. High Yield Bond                   | High Yield Bond          | -5      | -0.54% | -4.04% | -5.01% | -9.40%  | -6.45%  | -69.72% |
| FXY    | CurrencyShares Japanese Yen Trust               | Currency                 | -5      | 3.03%  | -4.19% | -9.21% | -9.53%  | -8.57%  | -23.76% |
| TIP    | iShares TIPS Bond Fd                            | Inflation-Protected Bond | -5      | -2.19% | -4.14% | -5.89% | -7.58%  | -5.40%  | -8.75%  |
| FEX    | First Trust Large Cap Core AlphaDEX             | Large Cap Blend Equity   | -5      | -2.04% | -5.28% | -3.11% | -9.41%  | -4.88%  | -10.08% |
| FEZ    | SPDR Euro Stoxx 50                              | Europe Stock             | -5      | 2.00%  | -4.47% | -0.91% | -15.75% | -10.96% | -20.34% |
| ACWX   | iShares MSCI ACWI ex US                         | Global Equities          | -6      | -0.37% | -6.22% | -4.03% | -11.83% | -9.35%  | -17.11% |
| EWS    | iShares Singapore Index                         | Pacific Asia/excl. Japan | -6      | -2.01% | -8.69% | -3.25% | -11.03% | -12.27% | -32.49% |
| PFF    | iShares S&P Preferred Stock                     | Preferred Stock/Convert  | -6      | 0.06%  | -5.96% | -5.26% | -13.14% | -8.20%  | -14.97% |
| FPE    | First Trust Preferred Securities and Income     | Preferred Stock          | -6      | -1.53% | -5.15% | -6.04% | -11.22% | -8.55%  | -13.06% |
| RWX    | SPDR DJ Wil Intern. RE                          | Real Estate              | -6      | -1.92% | -7.12% | -4.15% | -11.01% | -8.84%  | -26.51% |
| PKW    | PowerShares Buyback Achievers                   | All Cap Equities         | -6      | -1.93% | -5.45% | -5.48% | -11.35% | -7.05%  | -12.80% |
| VPL    | Vanguard Pacific ETF                            | Asia Pacific Equities    | -6      | -0.06% | -6.06% | -5.41% | -10.83% | -9.43%  | -18.80% |
| XPH    | SPDR Pharmaceuticals                            | Health & Biotech Equiti  | -6      | -0.98% | -8.22% | -4.64% | -9.97%  | -8.56%  | -25.82% |
| RSP    | Guggenheim S&P Equal Weight                     | Large Blend              | -6      | -3.35% | -6.81% | -4.88% | -9.70%  | -5.35%  | -10.49% |
| ITA    | iShares DJ US Aerospace&Defense                 | Industrials Equities     | -6      | -4.32% | -8.57% | -7.78% | -1.44%  | -3.56%  | -57.76% |
|        |                                                 |                          |         |        |        |        |         |         |         |

| Ticker | ETF Name                                      | Orientation              | M-Index | 4 wk   | 8 wk    | 12 wk   | YTD %M/A        | DD%     |
|--------|-----------------------------------------------|--------------------------|---------|--------|---------|---------|-----------------|---------|
| USMV   | iShares Edge MSCI Min Vol USA                 | All Cap Equities         | -6      | -4.13% | -6.08%  | -2.54%  | -9.95% -4.48%   | -10.11% |
| EPHE   | iShares MSCI Philippines                      | Emerging Markets Equit   | -6      | -0.98% | -6.14%  | -9.91%  | -7.74% -6.29%   | -27.73% |
| VEU    | Vanguard FTSE All-Word ex-US                  | Global Equities          | -6      | -0.50% | -6.11%  | -4.32%  | -11.77% -9.34%  | -17.17% |
| IXUS   | iShares Core MSCI Total International Stock   | Global Equties           | -6      | -0.91% | -6.59%  | -4.46%  | -12.33% -9.89%  | -17.66% |
| LQD    | iShares iBoxx \$ Liquid Invest. Gr.           | Corporate Bonds          | -6      | 0.73%  | -5.17%  | -7.15%  | -13.45% -9.67%  | -17.58% |
| VXUS   | Vanguard Total International Stock            | Global Equities          | -6      | -0.73% | -6.34%  | -4.52%  | -11.99% -9.51%  | -17.11% |
| DIA    | SPDR Dow Jones Industrial Average             | Large Cap Value          | -6      | -3.78% | -5.88%  | -3.45%  | -10.15% -6.00%  | -11.26% |
| FXH    | 1st Trust Health Care AlphaDEX                | Health & Biotech Equiti  | -6      | -0.64% | -5.82%  | -3.86%  | -13.02% -7.10%  | -15.71% |
| EWJ    | iShares Japan Index                           | Japan Stock              | -6      | 1.20%  | -5.88%  | -6.44%  | -13.40% -11.03% | -21.76% |
| IWN    | Russell 2000 Value                            | Small Value              | -6      | -2.10% | -7.16%  | -6.00%  | -9.76% -6.70%   | -15.29% |
| IHF    | iShares DJ US Healthcare Provid's             | Health & Biotech Equiti  | -6      | -3.20% | -6.37%  | -4.42%  | -8.75% -2.89%   | -10.48% |
| BAB    | PowerShares Build America Bond Portfolio      | National Munis           | -7      | -0.11% | -4.89%  | -9.49%  | -14.38% -10.64% | -18.53% |
| BWX    | SPDR Lehman Intl Treasury Bond                | World Gov Bond           | -7      | 1.04%  | -6.38%  | -9.57%  | -13.80% -11.08% | -22.51% |
| EWY    | iShares S. Korea Index                        | Pacific Asia/excl. Japan | -7      | 0.32%  | -6.56%  | -7.58%  | -14.52% -11.70% | -30.83% |
| IFGL   | iShares FTSE EPRA/NAREIT Global Real Estate   | Global Real Estate       | -7      | -2.18% | -7.72%  | -5.50%  | -11.96% -9.50%  | -20.88% |
| EMB    | iShares Emerging Markets Bond                 | Emerging Market Bond     | -7      | -0.95% | -6.33%  | -5.30%  | -16.04% -11.69% | -22.38% |
| EZA    | iShares South Africa Index                    | Emerging Markets Equit   | -7      | -1.78% | -15.45% | -12.97% | 1.19% -3.86%    | -38.21% |
| VIG    | Vanguard Div. Appreciation                    | Large Cap Value Equiti   | -7      | -4.42% | -6.30%  | -4.38%  | -11.53% -5.75%  | -11.76% |
| SCHC   | Schwab International SmallCap Equ.            | Foreign Small/Mid Blen   | -7      | -1.66% | -7.77%  | -4.84%  | -14.44% -11.52% | -20.55% |
| IYF    | Dow Jones US Financial Sector                 | Specialty-Financial      | -7      | -1.46% | -8.45%  | -7.63%  | -10.73% -8.49%  | -46.04% |
| MDY    | MidCap Trust Series I                         | Mid-Cap Blend            | -7      | -3.28% | -7.56%  | -6.45%  | -12.42% -7.48%  | -14.62% |
| VRP    | PowerShares Variable Rate Preferred Portfolio | Preferred Stock          | -7      | -3.44% | -5.81%  | -6.61%  | -11.19% -8.83%  | -13.03% |
| VWOB   | Vanguard Emerging Markets Gov Bonds           | Emerging Markets Bond    | -7      | -0.83% | -6.13%  | -5.72%  | -15.55% -11.28% | -21.24% |
| PGF    | PowerShares Fin. Preferred Portf.             | Specialty-Financial      | -7      | 1.72%  | -5.56%  | -7.20%  | -15.09% -10.08% | -18.18% |
| PGX    | PowerShares Preferred Portfolio               | Preferred Stock/Convert  | -7      | 0.79%  | -6.12%  | -7.14%  | -15.07% -10.13% | -17.65% |
| VNQI   | Vanguard Global ex-U.S. Real Estate           | Global Real Estate       | -7      | -3.22% | -8.01%  | -6.44%  | -11.42% -11.37% | -26.63% |
| VFH    | Vanguard Financials                           | Financials Equities      | -7      | -1.53% | -8.28%  | -8.07%  | -11.30% -9.10%  | -15.81% |
| INDA   | iShares MSCI India                            | Emerging Markets Equit   | -7      | -7.83% | -7.83%  | -3.32%  | -10.38% -11.27% | -19.10% |
| IJH    | S&P MidCap 400                                | Mid-Cap Blend            | -7      | -3.25% | -7.61%  | -6.52%  | -12.42% -7.55%  | -14.67% |
| SCZ    | iShares MSCI EAFE Small-Cap                   | Foreign Small & Mid Ca   | -7      | -1.51% | -7.37%  | -5.10%  | -15.93% -12.64% | -22.29% |
| XLF    | Financial Select Sector *                     | Financial Equities       | -7      | -2.13% | -8.72%  | -7.80%  | -10.42% -8.69%  | -15.55% |
| SPHQ   | PowerShares S&P 500 Quality Portfolio         | Large Cap Blend Equiti   | -7      | -3.38% | -7.09%  | -5.75%  | -12.85% -7.51%  | -13.68% |
| INDY   | iShares S&P India Nifty 50 Index Fund         | Emerging Markets Equit   | -7      | -6.33% | -7.43%  | -2.62%  | -9.68% -11.48%  | -20.40% |
| IJR    | S&P Sm.Cap 600                                | Small Blend              | -7      | -1.99% | -7.24%  | -7.15%  | -12.61% -8.19%  | -16.83% |
| VT     | Vanguard Total World Stock Index              | Global Equities          | -8      | -3.57% | -9.02%  | -6.38%  | -14.22% -9.91%  | -15.64% |
| PIN    | PowerShares India Portfolio                   | Emerging Markets Equit   | -8      | -7.76% | -8.58%  | -3.74%  | -11.55% -12.02% | -55.18% |
| EWL    | iShares Switzerland Index                     | Europe Stock             | -8      | -3.91% | -8.02%  | -4.04%  | -14.36% -7.72%  | -14.82% |
| SCHE   | Schwab Emerging Markets Equity                | Emerging Markets Equit   | -8      | -1.87% | -7.31%  | -8.37%  | -13.10% -12.16% | -25.67% |
| KBE    | SPDR S&P Bank                                 | Specialty-Financial      | -8      | -0.12% | -7.30%  | -12.79% | -11.05% -9.40%  | -19.67% |
| VSS    | Vanguard FTSE All-Wld ex-US SmCP ldx          | Foreign Small & Mid Ca   | -8      | -1.93% | -8.16%  | -6.28%  | -15.06% -11.73% | -19.88% |
| SCHM   | Schwab U.S. Mid Cap                           | Mid Cap Blend Equities   | -8      | -4.07% | -8.67%  | -7.09%  | -13.86% -9.53%  | -16.92% |
| KBWB   | PowerShares KBW Bank Portfolio                | Financials Equities      | -8      | 1.08%  | -7.23%  | -11.59% | -12.84% -11.61% | -21.94% |
| EWD    | iShares Sweden Index                          | Europe Stock             | -8      | -1.16% | -7.80%  | 0.59%   | -22.69% -16.30% | -27.48% |
| EEM    | iShares Emerging Mkts Index                   | Emerging Mkts Equities   | -8      | -1.56% | -7.93%  | -8.72%  | -14.90% -13.37% | -28.28% |
|        |                                               |                          |         |        |         |         |                 |         |

| Ticker | ETF Name                                       | Orientation             | M-Index | 4 wk    | 8 wk    | 12 wk   | YTD %M/A        | DD%     |
|--------|------------------------------------------------|-------------------------|---------|---------|---------|---------|-----------------|---------|
| GDX    | Mkt Vector Gold Miners                         | Specialty-Precious Meta | -8      | -8.53%  | -15.54% | -10.08% | 1.12% -2.70%    | -27.26% |
| IEMG   | iShares Core MSCI Emerging Markets             | Emerging Markets Equit  | -8      | -1.61%  | -7.67%  | -8.30%  | -14.32% -12.88% | -26.16% |
| VWO    | Vanguard Emerging Markets                      | Emerging Markets Equit  | -8      | -1.91%  | -7.70%  | -8.74%  | -13.91% -12.24% | -24.62% |
| KRE    | SPDR S&P Region.Banking                        | Specialty-Financial     | -8      | -0.85%  | -8.11%  | -13.14% | -10.64% -8.82%  | -19.64% |
| AAXJ   | iShares MSCI All Country Asia ex Japan         | Asia Pacific            | -8      | -1.02%  | -7.12%  | -9.32%  | -15.73% -13.77% | -31.73% |
| IYG    | Dow Jones US Financial Serv's                  | Specialty-Financial     | -8      | -1.62%  | -7.93%  | -8.61%  | -14.01% -11.22% | -18.44% |
| XLI    | Industrial Select Sector *                     | Industrial Equities     | -8      | -4.28%  | -9.16%  | -7.02%  | -11.59% -7.77%  | -12.67% |
| ACWI   | iShares MSCI ACWI                              | Global Equities         | -8      | -3.70%  | -9.09%  | -6.11%  | -14.25% -9.81%  | -15.41% |
| VIS    | Vanguard Industrials                           | industrials Equities    | -9      | -4.65%  | -9.83%  | -7.71%  | -13.60% -9.17%  | -15.49% |
| RING   | iShares MCSI Global Gold Miners Fund           | Commodity Producers     | -9      | -8.28%  | -15.84% | -9.52%  | -3.04% -4.72%   | -29.13% |
| V00    | Vanguard S&P 500                               | Large Cap Blend Equiti  | -9      | -5.26%  | -10.29% | -7.02%  | -14.68% -9.00%  | -15.21% |
| VO     | Vanguard Mid-Cap                               | Mid-Cap Blend           | -9      | -4.94%  | -9.63%  | -7.01%  | -15.63% -10.16% | -17.71% |
| VCLT   | Vanguard Long-Term Corporate Bond              | Corporate Bonds         | -9      | 0.12%   | -8.59%  | -10.20% | -19.10% -14.14% | -24.20% |
| IYJ    | Dow Jones US Industrial                        | Industrial Equities     | -9      | -5.09%  | -9.39%  | -6.77%  | -15.27% -10.61% | -50.49% |
| TLH    | iShares Lehman 10-20 Yr Treasury               | Government Bonds        | -9      | -0.95%  | -7.79%  | -11.67% | -16.36% -12.26% | -27.98% |
| SPY    | SPDR S&P 500                                   | Large Cap Blend         | -9      | -5.26%  | -10.26% | -6.98%  | -14.66% -8.93%  | -15.16% |
| VB     | Vanguard SmallCap                              | Small Cap Blend         | -9      | -4.11%  | -9.35%  | -7.79%  | -14.76% -10.63% | -19.52% |
| IVV    | S&P 500                                        | Large Blend             | -9      | -5.26%  | -10.28% | -7.00%  | -14.66% -8.94%  | -15.17% |
| PDP    | PowerShares DWA Momentum Portfolio             | All Cap Equities        | -9      | -2.46%  | -7.13%  | -4.87%  | -20.40% -13.07% | -25.46% |
| IWR    | Russell MidCap Index Fs                        | Mid-Cap Blend           | -9      | -4.31%  | -8.94%  | -6.43%  | -14.40% -9.51%  | -68.29% |
| ITB    | iShares DJ US Home Construction                | Building and Constructi | -9      | 0.17%   | 0.84%   | -10.74% | -27.93% -13.49% | -28.03% |
| MCHI   | iShares MSCI China                             | China Equities          | -9      | 2.71%   | -5.52%  | -11.76% | -20.39% -18.73% | -48.59% |
| SLV    | iShares Silver Trust                           | Precious Metals         | -9      | -5.18%  | -11.23% | -12.80% | -5.58% -6.81%   | -24.78% |
| IYZ    | Down Jones US Telecom                          | Commun. Equities        | -9      | -0.29%  | -9.50%  | -10.13% | -17.81% -12.74% | -25.97% |
| GSLC   | Goldman Sachs ActiveBeta U.S. Large CaP        | Large Cap Blend Equiti  | -9      | -5.26%  | -9.75%  | -7.14%  | -15.54% -9.45%  | -15.96% |
| FM     | iShares MSCI Frontier 100 Fund                 | Emerging Markets Equit  | -10     | -6.38%  | -9.29%  | -11.73% | -14.55% -12.64% | -18.89% |
| ITOT   | iShares Core S&P Total U.S. Stock Market       | All Cap Equities        | -10     | -5.41%  | -10.79% | -7.72%  | -15.83% -10.38% | -16.33% |
| EFG    | iShares MSCI EAFE Growth Index                 | Foreign Large Cap Equi  | -10     | -2.81%  | -9.61%  | -6.48%  | -21.10% -14.87% | -23.63% |
| IJT    | S&P SmallCap 600/BARRA Growth                  | Small Growth            | -10     | -2.81%  | -9.65%  | -9.45%  | -18.57% -11.96% | -45.94% |
| IJK    | S&P MidCap 400/BARRA Growth                    | Mid-Cap Growth          | -10     | -4.93%  | -9.49%  | -8.93%  | -17.97% -11.59% | -72.79% |
| EWN    | iShares Netherlands Index                      | Europe Stock            | -10     | -1.33%  | -9.10%  | -5.73%  | -23.38% -17.50% | -28.45% |
| ICF    | Cohen & Steers Realty                          | Real Estate             | -10     | -10.70% | -9.55%  | -5.41%  | -15.58% -7.48%  | -49.01% |
| FBT    | 1st Trust Biotechnolgy Index                   | Health & Biotech Equiti | -10     | -3.76%  | -10.30% | -7.87%  | -17.40% -13.61% | -27.62% |
| BBH    | VanEck Vectors Biotech                         | Health & Biotech        | -10     | -2.07%  | -9.73%  | -5.39%  | -22.71% -17.75% | -33.70% |
| IWB    | Russell 1000 Index                             | Large Blend             | -10     | -5.50%  | -10.69% | -7.63%  | -15.54% -10.01% | -16.08% |
| BLV    | Vanguard Long Term Bond                        | Long-Term Bond          | -10     | -0.70%  | -9.13%  | -11.63% | -19.04% -14.35% | -29.11% |
| PCY    | PowerShares Emerging Markets Sovereign Debt Po | Emerging Markets Bond   | -10     | -1.53%  | -9.16%  | -6.85%  | -22.05% -16.61% | -33.63% |
| IWV    | Russell 3000 Index                             | All Cap Equities        | -10     | -5.37%  | -10.79% | -7.69%  | -15.65% -10.21% | -16.14% |
| VV     | Vanguard LargeCap                              | Large Cap Blend         | -10     | -5.71%  | -11.21% | -7.77%  | -16.24% -10.37% | -16.52% |
| VTI    | Total Stock Market VIPERs                      | All Cap Equities        | -10     | -5.51%  | -10.87% | -7.83%  | -15.95% -10.51% | -16.48% |
| IYR    | Dow Jones US Real Estate                       | Real Estate             | -10     | -10.13% | -9.68%  | -6.05%  | -15.84% -8.49%  | -15.84% |
| QUAL   | iShares Edge MSCI USA Quality Factor           | All Cap Equities        | -10     | -5.40%  | -10.05% | -6.89%  | -16.80% -10.32% | -17.22% |
| VNQ    | Vanguard REIT Index                            | Real Estate             | -11     | -10.34% | -9.86%  | -6.76%  | -15.80% -8.50%  | -15.80% |
| TLT    | iShares 20+ Treas. Bd                          | Government Bonds        | -11     | -1.84%  | -10.06% | -13.83% | -19.84% -14.82% | -30.76% |

| Ticker | ETF Name                                       | Orientation              | M-Index | 4 wk    | 8 wk '  | 12 wk   | YTD %M/A        | DD%     |
|--------|------------------------------------------------|--------------------------|---------|---------|---------|---------|-----------------|---------|
| XHB    | SPDR Series Trust SPDR Home Builders           | Building & Construction  | -11     | -1.79%  | -1.96%  | -11.98% | -27.77% -15.46% | -28.18% |
| CWB    | SPDR Barclays Convertible Securities           | Convertible Bonds        | -11     | -5.69%  | -11.64% | -9.77%  | -18.04% -15.13% | -26.26% |
| IWM    | Russell 2000                                   | Small Blend              | -11     | -4.06%  | -10.99% | -9.46%  | -17.86% -13.40% | -24.67% |
| REZ    | iShares Residential Real Estate Capped         | Specialty-Real Estate    | -11     | -10.85% | -11.83% | -8.09%  | -13.92% -7.78%  | -14.74% |
| IBB    | Nasdaq Biotechnology                           | Health & Biotech Equiti  | -11     | -2.73%  | -11.13% | -6.94%  | -24.13% -18.79% | -66.03% |
| EWT    | iShares Taiwan Index                           | Pacific Asia/excl. Japan | -11     | -2.97%  | -10.64% | -13.72% | -17.56% -12.43% | -18.98% |
| GDXJ   | VanEck Vectors Junior Gold Miners              | Commodity Producers      | -11     | -9.12%  | -15.36% | -12.54% | -5.39% -7.42%   | -38.06% |
| RWO    | SPDR DJ Wilshire Global Real Estate            | Global Real Estate       | -11     | -9.56%  | -10.72% | -7.57%  | -14.70% -9.32%  | -14.73% |
| SIL    | Global X Silver Miners                         | Commodity Producers      | -12     | -6.78%  | -14.60% | -12.63% | -15.32% -14.74% | -42.04% |
| SOXX   | iShares PHLX SOX Semiconductor Sector Index    | Technology Equities      | -12     | -1.73%  | -13.07% | -10.87% | -24.14% -12.97% | -25.95% |
| FXD    | First Trust Cons. Discret. AlphaDEX            | Consumer Discretionary   | -12     | -6.67%  | -8.87%  | -11.72% | -19.97% -14.53% | -24.28% |
| ASHR   | Deutsche X-Trackers China A-Shares             | China Equities           | -12     | 1.90%   | -9.43%  | -16.63% | -23.33% -17.46% | -35.41% |
| RPG    | Guggenheim S&P 500 Pure Growth                 | Large Growth             | -12     | -2.76%  | -12.71% | -9.19%  | -23.91% -15.82% | -27.40% |
| IHI    | iShares DJ US Medical Devices                  | Health & Biotech Equiti  | -12     | -5.35%  | -12.40% | -10.60% | -18.91% -13.06% | -85.63% |
| SMH    | VanEch Vectors Semiconductor                   | Technology Equities      | -12     | -1.78%  | -12.44% | -9.98%  | -23.50% -12.84% | -25.38% |
| MTUM   | iShares Edge MSCI USA Momentum Factores        | All Cap Equities         | -13     | -5.59%  | -14.38% | -9.74%  | -20.76% -15.68% | -25.64% |
| IYT    | Dow Jones Transportation                       | Transportation Equities  | -13     | -8.30%  | -14.82% | -11.36% | -16.83% -10.95% | -17.87% |
| RWR    | Wilshire REIT Fund                             | Real Estate              | -13     | -12.99% | -12.73% | -9.06%  | -16.19% -9.64%  | -16.19% |
| VXF    | Vanguard Extended Markets VIPERs               | Mid Cap Blend            | -13     | -6.52%  | -13.79% | -11.48% | -21.90% -17.43% | -28.59% |
| XLK    | Technology Select *                            | Technology Equities      | -13     | -7.28%  | -13.91% | -10.23% | -21.30% -12.72% | -22.54% |
| PEZ    | PowerShares Consumer Cyclicals                 | All Cap Equities         | -14     | -7.44%  | -10.27% | -13.02% | -26.45% -19.93% | -34.30% |
| IWO    | Russell 2000 Growth                            | Small Growth             | -15     | -6.18%  | -15.19% | -13.34% | -25.98% -20.39% | -35.56% |
| VOOG   | Vanguard S&P 500 Growth                        | Large Cap Growth Equi    | -15     | -8.35%  | -16.23% | -11.77% | -23.47% -15.72% | -24.52% |
| IVW    | S&P 500/BARRA Growth                           | Large Growth             | -15     | -8.37%  | -16.20% | -11.82% | -23.50% -15.73% | -24.53% |
| IUSG   | iShares Core U.S. Growth                       | Large Cap Growth Equi    | -15     | -8.11%  | -15.87% | -11.53% | -23.13% -15.44% | -24.13% |
| XRT    | SPDR S&P Retail *                              | Consumer Discretionary   | -15     | -9.05%  | -12.28% | -13.95% | -26.61% -21.80% | -36.39% |
| IWF    | Russell 1000 Growth                            | Large Growth             | -15     | -9.09%  | -16.52% | -12.21% | -24.16% -16.67% | -25.12% |
| VBK    | Vanguard SmallCap Growth                       | Small Cap Growth         | -15     | -7.22%  | -14.90% | -12.35% | -25.07% -19.30% | -30.95% |
| SPYG   | S&P 500 Growth                                 | Large Cap Growth         | -15     | -8.38%  | -16.27% | -11.78% | -23.50% -15.76% | -24.55% |
| EDV    | Vanguard Extended Duration Treasury            | Government Bonds         | -15     | -2.96%  | -14.07% | -17.99% | -25.29% -19.49% | -41.35% |
| VOX    | Vanguard Telecom Serv's                        | Communication Equities   | -15     | -4.47%  | -15.88% | -14.18% | -25.50% -21.48% | -32.97% |
| VGT    | Vanguard Info Technology                       | Technolgy Equities       | -15     | -8.18%  | -15.53% | -11.63% | -23.22% -15.00% | -24.52% |
| ZROZ   | PIMCO 25 Yr Zero Coupon US Treas ldx Exchg-Tra | Government Bonds         | -16     | -3.15%  | -14.86% | -18.64% | -25.87% -19.77% | -40.58% |
| IWP    | Russell MidCap Growth                          | Mid-Cap Growth           | -16     | -8.62%  | -16.18% | -13.36% | -26.89% -20.52% | -31.67% |
| QQQ    | PowerShares QQQ Trust, Series 1                | Large Growth             | -16     | -8.74%  | -17.44% | -12.54% | -24.76% -17.19% | -25.91% |
| VOT    | Vanguard Mid-Cap Growth                        | Mid-Cap Growth           | -16     | -8.24%  | -15.77% | -12.93% | -26.29% -18.79% | -29.39% |
| IYW    | Dow Jones US Technology                        | Technology Equities      | -16     | -8.20%  | -16.74% | -13.20% | -25.28% -17.18% | -26.73% |
| VUG    | Vanguard Growth                                | Large Cap Growth         | -17     | -9.65%  | -17.67% | -13.32% | -26.21% -18.54% | -27.29% |
| MGK    | Vanguard Mega Cap Growth                       | Large Cap Growth Equi    | -17     | -9.83%  | -18.04% | -13.16% | -26.01% -18.35% | -27.01% |
| IYC    | iShares US Consumer Services                   | Consumer Discretionary   | -18     | -11.55% | -17.88% | -14.95% | -26.64% -19.80% | -77.76% |
| IGV    | iShares North American Tech-Software           | Technology Equities      | -18     | -9.67%  | -18.26% | -15.97% | -29.10% -23.99% | -36.86% |
| VCR    | Vanguard Consumer Discretionary                | Consumer Discretionary   | -19     | -13.02% | -18.87% | -14.97% | -27.30% -20.35% | -30.36% |
| XLY    | Consumer Discretionary Sec.*                   | Consumer Discretionary   | -19     | -13.37% | -19.64% | -14.74% | -27.28% -19.63% | -29.68% |
| AGQ    | ProShares Ultra Silver                         | Leveraged Commoditie     | -19     | -10.99% | -23.51% | -26.40% | -15.17% -17.14% | -57.72% |
|        |                                                |                          |         |         |         |         |                 |         |

| Ticker | ETF Name                           | Orientation             | M-Index | 4 wk    | 8 wk    | 12 wk   | YTD %M/A        | DD%     |
|--------|------------------------------------|-------------------------|---------|---------|---------|---------|-----------------|---------|
| RSX    | Market Vectors Russia              | Emerging Markets Equit  | -20     | 0.00%   | 0.00%   | -2.42%  | -78.81% -73.06% | -83.05% |
| URE    | ProShares Ultra Real Estate        | Leveraged Real Estate   | -21     | -19.83% | -19.41% | -12.43% | -30.58% -17.23% | -30.58% |
| XBI    | SPDR Series Trust SPDR S&P Biotech | Health & Biotech Equiti | -23     | -10.13% | -23.82% | -20.98% | -38.84% -34.49% | -60.65% |
| SCHB   | Schwab U.S. Broad Market           | All Cap Equities        | -32     | -5.48%  | -10.88% | -53.86% | -57.90% -48.25% | -58.16% |
| SCHH   | Schwab U.S. REIT                   | Real Estate             | -32     | -10.44% | -9.40%  | -52.79% | -57.20% -45.94% | -57.20% |
| SCHX   | Schwab U.S. Large-Cap              | Large Cap Blend Equiti  | -32     | -5.53%  | -10.84% | -53.79% | -57.82% -48.09% | -58.10% |
| SCHA   | Schwab U.S. Small-Cap              | Small Cap Blend Equiti  | -32     | -4.19%  | -10.26% | -54.47% | -58.50% -49.75% | -61.41% |
| SCHG   | Schwab U.S. Large-Cap Growth       | Large Cap Growth Equi   | -37     | -9.88%  | -18.20% | -56.55% | -62.63% -52.94% | -63.31% |