

# HV International ETFs as of 09/13/2018

| Ticker | ETF Name                                    | Orientation              | M-Index | 4 wk   | 8 wk   | 12 wk  | YTD     | %M/A    | DD%     |
|--------|---------------------------------------------|--------------------------|---------|--------|--------|--------|---------|---------|---------|
| ACWV   | iShares Edge MSCI Min Vol Global            | Global Equities          | 4       | 1.90%  | 3.00%  | 5.41%  | 3.70%   | 3.36%   | -0.85%  |
| ACWI   | iShares MSCI ACWI                           | Global Equities          | 2       | 1.65%  | 1.21%  | 2.48%  | 1.84%   | 0.59%   | -5.31%  |
| VT     | Vanguard Total World Stock Index            | Global Equities          | 2       | 1.63%  | 1.12%  | 1.57%  | 1.79%   | 0.68%   | -5.19%  |
| IEFA   | iShares Core MSCI EAFE                      | Foreign Large Cap Equ    | -1      | 1.27%  | -1.45% | -0.66% | -4.66%  | -4.30%  | -11.05% |
| DBEF   | Deutsche X-Trackers MSCI EAFE Hedged        | Foreigh Large Cap Equ    | -1      | -0.38% | -1.72% | 0.25%  | -0.94%  | -0.80%  | -4.66%  |
| EFG    | iShares MSCI EAFE Growth Index              | Foreign Large Cap Equ    | -1      | 1.46%  | -1.25% | -0.25% | -2.04%  | -2.17%  | -7.76%  |
| HEFA   | iShares Currency Hedged MSCI EAFE           | Foreign Large Cap Equ    | -1      | -0.38% | -1.69% | -1.65% | -1.85%  | -1.59%  | -5.58%  |
| IEV    | S&P Europe 350 Index                        | Europe Stock             | -1      | 1.57%  | -1.85% | -0.04% | -5.63%  | -4.72%  | -12.05% |
| SCHF   | Schwab International Equity                 | Foreign Large Cap Equ    | -1      | 1.05%  | -1.38% | -0.63% | -3.52%  | -3.19%  | -9.57%  |
| FEZ    | SPDR Euro Stoxx 50                          | Europe Stock             | -2      | 1.77%  | -3.14% | -0.99% | -6.85%  | -6.14%  | -14.23% |
| ACWX   | iShares MSCI ACWI ex US                     | Global Equities          | -2      | 0.75%  | -1.68% | -1.12% | -6.27%  | -5.37%  | -12.88% |
| VPL    | Vanguard Pacific ETF                        | Asia Pacific Equities    | -2      | 0.26%  | -1.29% | -3.04% | -5.86%  | -5.12%  | -11.84% |
| EFA    | MSCI EAFE iShares Index Fd                  | Foreign Large Cap Equ    | -2      | 1.02%  | -1.61% | -0.64% | -5.19%  | -4.53%  | -11.42% |
| VGK    | Vanguard European                           | Europe Equities          | -2      | 1.93%  | -1.56% | -1.84% | -5.19%  | -4.33%  | -11.67% |
| EZU    | European Monetary Union Index               | Europe Stock             | -2      | 2.17%  | -2.64% | -0.61% | -5.79%  | -5.66%  | -13.25% |
| SCZ    | iShares MSCI EAFE Small-Cap                 | Foreign Small & Mid Ca   | -2      | 1.93%  | -1.70% | -2.16% | -4.28%  | -4.63%  | -10.77% |
| VEU    | Vanguard FTSE All-Word ex-US                | Global Equities          | -2      | 0.84%  | -1.80% | -2.27% | -6.20%  | -5.26%  | -12.84% |
| VXUS   | Vanguard Total International Stock          | Global Equities          | -2      | 0.70%  | -1.93% | -2.50% | -6.13%  | -5.36%  | -12.82% |
| VEA    | Vanguard FTSE Developed Markets             | Foreign Large Cap        | -2      | 1.24%  | -1.23% | -1.93% | -4.99%  | -4.12%  | -10.99% |
| IXUS   | iShares Core MSCI Total International Stock | Global Equities          | -2      | 0.92%  | -1.84% | -1.40% | -5.99%  | -5.37%  | -12.68% |
| PXF    | PowerShares FTSE RAFI Developed Markets     | Foreign Large Cap Equ    | -2      | 0.88%  | -1.34% | -0.82% | -6.28%  | -5.14%  | -12.56% |
| AAXJ   | iShares MSCI All Country Asia ex Japan      | Asia Pacific             | -3      | 0.81%  | -1.89% | -3.85% | -8.68%  | -7.91%  | -16.57% |
| EFV    | MSCI EAFE iShares Value Index               | Foreign Large Cap Equ    | -3      | 0.54%  | -1.71% | -0.82% | -8.24%  | -6.74%  | -14.96% |
| VSS    | Vanguard FTSE All-Wld ex-US SmCP Idx        | Foreign Small & Mid Ca   | -3      | 0.81%  | -2.41% | -4.16% | -6.06%  | -5.54%  | -11.91% |
| EPP    | iShares Pacific ex. Japan Index Fund        | Pacific Asia/excl. Japan | -3      | -2.44% | -2.35% | -2.33% | -6.28%  | -5.12%  | -10.95% |
| IEMG   | iShares Core MSCI Emerging Markets          | Emerging Markets Equi    | -4      | 0.28%  | -3.19% | -3.59% | -10.79% | -9.64%  | -19.03% |
| EEM    | iShares Emerging Mkts Index                 | Emerging Mkts Equities   | -4      | 0.55%  | -3.09% | -3.38% | -10.87% | -9.61%  | -19.35% |
| SCHE   | Schwab Emerging Markets Equity              | Emerging Markets Equi    | -4      | 0.16%  | -3.04% | -3.04% | -9.81%  | -9.12%  | -18.92% |
| VWO    | Vanguard Emerging Markets                   | Emerging Markets Equi    | -5      | -0.49% | -3.71% | -4.52% | -11.15% | -10.07% | -19.99% |
| FM     | iShares MSCI Frontier 100 Fund              | Emerging Markets Equi    | -8      | -3.52% | -4.81% | -6.95% | -16.36% | -14.11% | -23.37% |