

# HV Sector ETFs as of 08/22/2019

| Ticker | ETF Name                                    | Orientation             | M-Index | 4 wk   | 8 wk   | 12 wk  | YTD    | %M/A   | DD%     |
|--------|---|-------------------------|---------|--------|--------|--------|--------|--------|---------|
| RING   | iShares MSCI Global Gold Miners Fund        | Commodity Producers     | 25      | 5.63%  | 13.31% | 40.40% | 41.18% | 28.32% | -13.91% |
| GDX    | Mkt Vector Gold Miners                      | Specialty-Precious Met  | 22      | 3.86%  | 12.48% | 37.17% | 35.09% | 25.46% | -9.04%  |
| URE    | ProShares Ultra Real Estate                 | Leveraged Real Estate   | 21      | 8.51%  | 10.91% | 14.07% | 51.13% | 16.65% | -38.91% |
| AGQ    | ProShares Ultra Silver                      | Leveraged Commoditie    | 20      | 7.31%  | 23.59% | 35.87% | 14.64% | 20.12% | -46.54% |
| GDXJ   | VanEck Vectors Junior Gold Miners           | Commodity Producers     | 20      | 1.35%  | 12.81% | 37.19% | 29.38% | 22.09% | -24.37% |
| ITB    | iShares DJ US Home Construction             | Building and Constructi | 15      | 4.37%  | 7.98%  | 10.22% | 36.09% | 14.36% | -11.61% |
| REZ    | iShares Residential Real Estate Capped      | Specialty-Real Estate   | 13      | 6.76%  | 8.99%  | 9.86%  | 26.58% | 12.42% | 0.00%   |
| SIL    | Global X Silver Miners                      | Commodity Producers     | 12      | -0.14% | 7.35%  | 27.50% | 14.35% | 11.49% | -46.61% |
| IAU    | iShares Gold Trust                          | Precious Metals         | 11      | 5.99%  | 6.38%  | 16.30% | 16.68% | 13.24% | -1.65%  |
| GLD    | SPDR Gold Shares                            | Precious Metals         | 11      | 5.98%  | 6.44%  | 16.20% | 16.62% | 13.21% | -1.60%  |
| SLV    | iShares Silver Trust                        | Precious Metals         | 11      | 3.97%  | 11.83% | 17.43% | 9.99%  | 11.33% | -18.52% |
| SMH    | VanEck Vectors Semiconductor                | Technology Equities     | 11      | -5.48% | 3.97%  | 14.85% | 31.12% | 10.26% | -7.19%  |
| SOXX   | iShares PHLX SOX Semiconductor Sector Index | Technology Equities     | 11      | -5.00% | 3.90%  | 14.90% | 31.22% | 10.81% | -6.60%  |
| SGOL   | ETFS Physical Swiss Gold Shares             | Precious Metals         | 11      | 5.99%  | 6.41%  | 16.24% | 16.76% | 13.26% | -1.61%  |
| ITA    | iShares DJ US Aerospace&Defense             | Industrials Equities    | 10      | 0.48%  | 3.40%  | 7.43%  | 27.03% | 9.20%  | 0.00%   |
| IYR    | Dow Jones US Real Estate                    | Real Estate             | 10      | 4.36%  | 5.71%  | 6.75%  | 23.23% | 8.45%  | 0.00%   |
| VNQ    | Vanguard REIT Index                         | Real Estate             | 10      | 4.66%  | 5.61%  | 6.48%  | 23.36% | 8.19%  | -0.71%  |
| ICF    | Cohen & Steers Realty                       | Real Estate             | 10      | 4.75%  | 5.78%  | 6.50%  | 24.01% | 8.93%  | 0.00%   |
| IHI    | iShares DJ US Medical Devices               | Health & Biotech Equiti | 10      | -0.16% | 3.44%  | 11.35% | 23.64% | 10.39% | -1.11%  |
| XHB    | SPDR Series Trust SPDR Home Builders        | Building & Construction | 10      | 0.36%  | 2.26%  | 8.19%  | 29.55% | 9.43%  | -9.88%  |
| XLK    | Technology Select                           | Technology Equities     | 9       | -3.15% | 2.25%  | 9.16%  | 28.77% | 10.06% | -3.55%  |
| VGT    | Vanguard Info Technology                    | Technolgy Equities      | 9       | -3.20% | 1.98%  | 8.60%  | 28.66% | 9.44%  | -3.89%  |
| IYW    | Dow Jones US Technology                     | Technology Equities     | 8       | -3.25% | 2.08%  | 7.83%  | 26.19% | 8.22%  | -4.58%  |
| XLP    | Consumer Staples Select                     | Consumer Staples        | 8       | 1.56%  | 4.34%  | 7.48%  | 19.40% | 8.38%  | -0.30%  |
| VDC    | Vanguard Consumer Staples                   | Consumer Staples Equi   | 8       | 1.51%  | 4.16%  | 6.97%  | 18.02% | 7.39%  | -0.23%  |
| RWR    | Wilshire REIT Fund                          | Real Estate             | 8       | 2.79%  | 4.42%  | 4.74%  | 19.23% | 5.65%  | -1.41%  |
| SCHH   | Schwab U.S. REIT                            | Real Estate             | 8       | 2.97%  | 4.55%  | 4.96%  | 19.86% | 6.07%  | -0.32%  |
| RHS    | Guggenheim S&P 500 = Wt. Consum Staples     | Consumer Staples        | 7       | 0.95%  | 3.50%  | 6.15%  | 18.34% | 6.42%  | -0.26%  |
| FXG    | 1st Trust Consumer Staples                  | Consumer Staples Equi   | 6       | 2.21%  | 3.86%  | 5.80%  | 11.54% | 3.47%  | -8.50%  |
| KIE    | SPDR S&P Insurance                          | Specialty-Financial     | 6       | -2.24% | 1.25%  | 3.97%  | 20.06% | 6.68%  | -63.70% |
| IYC    | iShares US Consumer Services                | Consumer Discretionar   | 6       | -2.61% | 0.32%  | 5.32%  | 20.24% | 6.13%  | -4.11%  |
| IGV    | iShares North American Tech-Software        | Technology Equities     | 6       | -4.98% | -0.37% | 3.29%  | 24.82% | 5.94%  | -5.85%  |
| IYK    | Dow Jones US Cons. Goods                    | Consumer Staples Equi   | 6       | -0.54% | 2.14%  | 5.82%  | 16.34% | 4.95%  | -5.21%  |
| XLY    | Consumer Discretionary Sec.                 | Consumer Discretionar   | 6       | -2.70% | 0.68%  | 6.46%  | 20.87% | 6.36%  | -3.86%  |
| VCR    | Vanguard Consumer Discretionary             | Consumer Discretionar   | 5       | -3.26% | 0.12%  | 5.68%  | 18.84% | 4.99%  | -4.21%  |
| MOO    | VanEck Vectors Agribusiness                 | Commodity Producers     | 5       | -1.78% | -1.14% | 8.05%  | 15.34% | 4.80%  | -2.77%  |
| PPLT   | ETFS Physical Platinum Shares               | Precious Metals         | 5       | -0.92% | 5.46%  | 7.85%  | 7.79%  | 3.09%  | -28.42% |
| IYJ    | Dow Jones US Industrial                     | Industrial Equities     | 5       | -3.59% | -0.91% | 4.01%  | 20.81% | 4.25%  | -3.92%  |
| RWO    | SPDR DJ Wilshire Global Real Estate         | Global Real Estate      | 5       | 1.36%  | 2.44%  | 3.10%  | 14.89% | 3.82%  | -2.98%  |
| IYF    | Dow Jones US Financial Sector               | Specialty-Financial     | 5       | -2.93% | 0.80%  | 3.59%  | 17.61% | 4.36%  | -3.77%  |
| BBH    | VanEck Vectors Biotech                      | Health & Biotech        | 5       | 1.01%  | -1.10% | 6.65%  | 13.63% | 1.65%  | -7.80%  |

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|--------|--|-------------------------|---------|--------|--------|--------|--------|--------|---------|
| VOX    | Vanguard Telecom Serv's                        | Communication Equitie   | 4       | -2.65% | 1.06%  | 1.86%  | 17.11% | 3.46%  | -16.70% |
| IYG    | Dow Jones US Financial Serv's                  | Specialty-Financial     | 4       | -5.51% | 0.02%  | 2.92%  | 17.40% | 3.02%  | -6.85%  |
| IBB    | Nasdaq Biotechnology                           | Health & Biotech Equiti | 3       | 0.93%  | -1.97% | 3.32%  | 9.06%  | -1.37% | -69.14% |
| IXJ    | S&P Global Healthcare                          | Health & Biotech Equiti | 3       | 0.00%  | -0.68% | 3.83%  | 7.70%  | 1.80%  | -50.42% |
| VIS    | Vanguard Industrials                           | industrials Equities    | 3       | -4.58% | -2.00% | 3.05%  | 17.40% | 2.33%  | -6.24%  |
| XLI    | Industrial Select Sector                       | Industrial Equities     | 3       | -4.50% | -1.93% | 2.85%  | 16.64% | 1.93%  | -6.86%  |
| FXH    | 1st Trust Health Care AlphaDEX                 | Health & Biotech Equiti | 3       | -1.59% | -0.80% | 5.83%  | 10.37% | 1.79%  | -10.45% |
| FXO    | 1st Trust Financials AlphaDEX                  | Financial Equities      | 3       | -4.41% | -0.70% | 1.94%  | 14.77% | 1.64%  | -5.80%  |
| USO    | U.S. Oil Fund                                  | Oil & Gas.              | 3       | -0.60% | -6.18% | -1.96% | 19.36% | -1.39% | -28.30% |
| XBI    | SPDR Series Trust SPDR S&P Biotech             | Health & Biotech Equiti | 2       | -2.98% | -5.04% | 0.98%  | 13.76% | -2.51% | -19.31% |
| FXV    | CurrencyShares Japanese Yen Trust              | Currency                | 2       | 2.18%  | 1.26%  | 2.86%  | 2.71%  | 3.05%  | -7.47%  |
| XLB    | Materials Select Sector                        | Materials               | 2       | -4.54% | -2.93% | 5.55%  | 11.46% | 1.99%  | -12.14% |
| XLF    | Financial Select Sector                        | Financial Equities      | 2       | -5.64% | -1.58% | 1.40%  | 12.43% | 1.19%  | -11.24% |
| UUP    | PowerShares DB US Dollar Bullish               | Currency                | 2       | 0.60%  | 2.62%  | 0.91%  | 4.79%  | 2.59%  | -0.22%  |
| FXD    | First Trust Cons. Discret. AlphaDEX            | Consumer Discretionar   | 2       | -5.14% | -1.95% | 2.91%  | 13.19% | 0.63%  | -7.76%  |
| IYH    | Dow Jones US Healthcare                        | Specialty-Health        | 2       | -0.92% | -1.36% | 3.71%  | 5.98%  | 0.74%  | -6.08%  |
| VFH    | Vanguard Financials                            | Financials Equities     | 2       | -5.45% | -1.32% | 1.54%  | 13.11% | 1.25%  | -10.63% |
| VNQI   | Vanguard Global ex-U.S. Real Estate            | Global Real Estate      | 2       | -2.18% | -1.74% | 0.33%  | 10.19% | 0.82%  | -11.34% |
| VHT    | Vanguard Health Care                           | Health & Biotech Equiti | 2       | -1.07% | -1.39% | 3.42%  | 6.13%  | 0.67%  | -5.78%  |
| RWX    | SPDR DJ Wil Intern. RE                         | Real Estate             | 2       | -1.05% | -0.59% | 0.39%  | 9.03%  | 0.65%  | -10.62% |
| IFGL   | iShares FTSE EPRA/NAREIT Global Real Estate    | Global Real Estate      | 1       | -1.54% | -0.94% | -0.44% | 8.84%  | 0.36%  | -7.22%  |
| VAW    | Vanguard Materials VIPERS                      | Materials               | 1       | -5.56% | -3.98% | 4.49%  | 9.94%  | 0.14%  | -15.69% |
| IYT    | Dow Jones Transportation                       | Transportation Equities | 1       | -5.62% | -2.12% | 1.44%  | 10.02% | -1.70% | -12.92% |
| FBT    | 1st Trust Biotechnolgy Index                   | Health & Biotech Equiti | 1       | -1.78% | -4.06% | 1.90%  | 6.61%  | -4.31% | -16.80% |
| XLV    | Health Care Select SPDR                        | Health & Biotech Equiti | 1       | -0.96% | -1.59% | 3.36%  | 5.03%  | 0.63%  | -5.23%  |
| IHF    | iShares DJ US Healthcare Provid's              | Health & Biotech Equiti | 0       | -3.56% | -0.87% | 2.65%  | 2.55%  | -2.23% | -16.07% |
| KBE    | SPDR S&P Bank                                  | Specialty-Financial     | -1      | -7.49% | -3.96% | -1.77% | 9.85%  | -3.87% | -20.88% |
| IYM    | Dow Jones US Basic Mat's                       | Materials               | -1      | -6.83% | -5.85% | 3.07%  | 5.65%  | -1.99% | -17.91% |
| IYZ    | Down Jones US Telecom                          | Commun. Equities        | -1      | -5.99% | -3.60% | -1.42% | 7.82%  | -2.02% | -22.25% |
| KBWB   | PowerShares KBW Bank Portfolio                 | Financials Equities     | -1      | -8.97% | -3.66% | -1.26% | 8.41%  | -4.02% | -20.68% |
| FXE    | CurrencyShares Euro Currency Trust             | Currency                | -2      | -0.64% | -2.63% | -0.66% | -3.76% | -2.09% | -12.54% |
| IGE    | iShares North American Natural Resources       | Commodity Producers     | -2      | -6.04% | -6.51% | -1.46% | 4.16%  | -6.17% | -25.58% |
| KRE    | SPDR S&P Region.Banking                        | Specialty-Financial     | -2      | -7.68% | -4.50% | -2.01% | 7.42%  | -4.87% | -23.55% |
| GUNR   | FlexShares Global Upstream Natural Resources   | Commodity Producers     | -3      | -6.99% | -7.47% | -1.43% | 3.69%  | -4.50% | -14.29% |
| FXB    | CurrencyShares British Pound                   | Currency                | -3      | -1.60% | -3.29% | -2.85% | -3.90% | -4.22% | -18.31% |
| FTGC   | First Trust Global Tactical Commodity Strategy | Commodities             | -3      | -3.88% | -4.50% | -2.35% | -0.56% | -3.71% | -18.70% |
| DJP    | Bloomberg Commodity Index                      | Commodities             | -3      | -3.62% | -5.26% | -3.49% | 0.24%  | -4.64% | -17.17% |
| GSG    | iShares GSCI Commodity Index                   | Commodities.            | -3      | -4.08% | -6.74% | -4.82% | 5.63%  | -4.32% | -20.89% |
| XPH    | SPDR Pharmaceuticals                           | Health & Biotech Equiti | -3      | -2.89% | -7.67% | -2.31% | -0.76% | -8.28% | -27.26% |
| IHE    | iShares DJ US Pharmaceuticals                  | Health & Biotech Equiti | -3      | -3.46% | -6.54% | -1.13% | -0.04% | -5.02% | -17.01% |
| DBC    | PowerShares DB Commodity Index                 | Commodities             | -3      | -3.62% | -6.16% | -3.99% | 2.97%  | -4.16% | -19.53% |
| PJP    | Dynamic Pharmaceuticals                        | Health & Biotech Equiti | -4      | -0.61% | -4.47% | -1.64% | -8.50% | -9.15% | -23.05% |
| XRT    | SPDR S&P Retail                                | Consumer Discretionar   | -4      | -6.20% | -4.75% | -1.26% | -2.22% | -7.44% | -23.66% |
| XLE    | Energy Select Sector                           | Energy Equities         | -5      | -7.76% | -8.07% | -3.21% | 0.96%  | -8.39% | -26.63% |

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|--------|-----------------------------------|------------------------|---------|---------|---------|---------|---------|---------|---------|
| IYE    | Dow Jones US Energy               | Specialty-Natural Res. | -5      | -7.95%  | -8.73%  | -4.20%  | -0.39%  | -9.52%  | -28.53% |
| XME    | SPDR S&P Metals & Mining          | Commodity Producers    | -5      | -11.03% | -9.43%  | 2.14%   | -3.55%  | -10.66% | -35.51% |
| VDE    | Vanguard Energy VIPERS            | Energy Equities        | -6      | -8.35%  | -9.25%  | -4.87%  | -1.17%  | -10.29% | -30.03% |
| IXC    | S&P Global Energy                 | Energy Equities        | -6      | -7.63%  | -9.46%  | -6.89%  | -0.58%  | -9.50%  | -25.92% |
| GNR    | SPDR S&P Global Natural Resources | Commodity Producers    | -6      | -8.55%  | -9.67%  | -3.76%  | -0.12%  | -7.51%  | -22.37% |
| IEO    | iShares DJ Oil & Gas Expl.&Prod.  | Energy Equities        | -8      | -8.75%  | -11.89% | -7.10%  | -5.44%  | -12.94% | -37.75% |
| DBA    | PowerShares DB Agriculture Fd     | Agriculture Commoditie | -10     | -7.92%  | -9.73%  | -9.73%  | -10.74% | -9.04%  | -34.15% |
| UNG    | U.S. Natural Gas Fund             | Oil & Gas              | -12     | -2.80%  | -6.02%  | -14.60% | -24.24% | -22.41% | -78.80% |
| FXN    | 1st Trust Energy AlphaDEX         | Energy Equities        | -15     | -11.75% | -16.28% | -12.89% | -17.81% | -21.97% | -47.96% |
| XOP    | SPDR Oil & Gas Explor & Product   | Energy Equities        | -15     | -10.33% | -17.93% | -16.02% | -17.19% | -22.91% | -50.71% |
| OIH    | Oil Services HOLDRs               | Energy Equities        | -18     | -18.83% | -20.73% | -14.36% | -17.96% | -26.53% | -67.20% |
| XES    | SPDR Oil & Gas Equip./Services    | Energy Equities        | -20     | -17.89% | -22.71% | -17.89% | -19.53% | -29.27% | -69.44% |