

HV Sector ETFs as of 08/24/2017

| Ticker | ETF Name | Orientation | M-Index | 4 wk | 8 wk | 12 wk | YTD | %M/A | DD% |
|--------|--|-------------------------|---------|--------|--------|--------|--------|--------|---------|
| XBI | SPDR Series Trust SPDR S&P Biotech | Health & Biotech Equiti | 11 | -0.24% | 0.42% | 12.89% | 32.71% | 12.60% | -3.91% |
| IGV | iShares North American Tech-Software | Technology Equities | 10 | 0.31% | 4.73% | 2.64% | 31.55% | 12.48% | -1.35% |
| FBT | 1st Trust Biotechnology Index | Health & Biotech Equiti | 8 | -1.32% | 0.52% | 7.87% | 26.87% | 10.14% | -4.22% |
| ITA | iShares DJ US Aerospace&Defense | Industrials Equities | 8 | 1.78% | 6.90% | 5.44% | 18.92% | 9.75% | -1.05% |
| IYW | Dow Jones US Technology | Technology Equities | 7 | 0.32% | 4.57% | 1.09% | 21.64% | 8.64% | -0.99% |
| XLK | Technology Select | Technology Equities | 7 | 0.37% | 5.37% | 1.84% | 19.33% | 8.50% | -0.96% |
| VGT | Vanguard Info Technology | Technolgy Equities | 7 | 0.16% | 4.84% | 1.52% | 21.69% | 9.03% | -0.88% |
| SMH | VanEch Vectors Semiconductor | Technology Equities | 6 | -0.35% | 5.17% | 0.36% | 20.69% | 9.05% | -2.92% |
| VNQI | Vanguard Global ex-U.S. Real Estate | Global Real Estate | 6 | 0.31% | 3.99% | 2.65% | 17.91% | 8.12% | -0.66% |
| RING | iShares MCSI Global Gold Miners Fund | Commodity Producers | 6 | 3.78% | 7.26% | 3.84% | 10.45% | 2.48% | -28.87% |
| IBB | Nasdaq Biotechnology | Health & Biotech Equiti | 6 | -2.16% | 0.17% | 7.56% | 17.90% | 6.80% | -4.42% |
| GDX | Mkt Vector Gold Miners | Specialty-Precious Met | 6 | 3.46% | 6.38% | 3.32% | 11.62% | 3.76% | -25.45% |
| PPLT | ETFS Physical Platinum Shares | Precious Metals | 6 | 5.35% | 6.04% | 4.64% | 8.01% | 2.37% | -17.63% |
| BBH | VanEck Vectors Biotech | Health & Biotech | 6 | -1.58% | 0.79% | 7.14% | 18.56% | 7.17% | -3.77% |
| SOXX | iShares PHLX SOX Semiconductor Sector Index | Technology Equities | 6 | -0.95% | 4.48% | -0.57% | 20.02% | 8.51% | -4.60% |
| SGOL | ETFS Physical Swiss Gold Shares | Precious Metals | 5 | 2.55% | 3.80% | 1.77% | 12.11% | 4.89% | -5.86% |
| IAU | iShares Gold Trust | Precious Metals | 5 | 2.06% | 3.34% | 1.23% | 11.55% | 4.39% | -6.22% |
| GLD | SPDR Gold Shares | Precious Metals | 5 | 2.09% | 3.36% | 1.30% | 11.57% | 4.41% | -6.31% |
| GDXJ | VanEck Vectors Junior Gold Miners | Commodity Producers | 5 | 2.64% | 1.44% | 7.88% | 7.13% | -1.85% | -34.62% |
| FXE | CurrencyShares Euro Currency Trust | Currency | 5 | 1.02% | 3.01% | 5.05% | 11.50% | 7.46% | -0.68% |
| IHI | iShares DJ US Medical Devices | Health & Biotech Equiti | 4 | -1.89% | -2.18% | -0.64% | 21.98% | 6.91% | -4.17% |
| GUNR | FlexShares Global Upstream Natural Resources | Commodity Producers | 4 | 0.53% | 5.89% | 3.89% | 5.30% | 2.83% | -1.47% |
| VHT | Vanguard Health Care | Health & Biotech Equiti | 4 | -0.91% | -0.74% | 2.62% | 15.52% | 5.92% | -2.85% |
| IYH | Dow Jones US Healthcare | Specialty-Health | 4 | -0.71% | -0.50% | 2.92% | 14.86% | 5.81% | -2.61% |
| ITB | iShares DJ US Home Construction | Building and Constructi | 4 | -3.01% | -0.69% | 0.94% | 20.71% | 5.77% | -4.74% |
| GNR | SPDR S&P Global Natural Resources | Commodity Producers | 4 | 0.27% | 6.02% | 4.06% | 6.79% | 3.57% | -1.02% |
| XLV | Health Care Select SPDR | Health & Biotech Equiti | 4 | -0.79% | -0.53% | 2.61% | 14.49% | 5.71% | -2.65% |
| IYG | Dow Jones US Financial Serv's | Specialty-Financial | 3 | -0.96% | 0.18% | 5.47% | 7.00% | 3.49% | -2.27% |
| XME | SPDR S&P Metals & Mining | Commodity Producers | 3 | -1.32% | 4.37% | 7.42% | 2.89% | 1.37% | -10.22% |
| IYF | Dow Jones US Financial Sector | Specialty-Financial | 3 | -0.62% | 0.63% | 4.01% | 6.77% | 3.50% | -1.88% |
| IXJ | S&P Global Healthcare | Health & Biotech Equiti | 3 | -0.82% | -1.38% | -0.29% | 13.95% | 4.86% | -3.02% |
| FXO | 1st Trust Financials AlphaDEX | Financial Equities | 3 | -1.16% | 0.98% | 3.59% | 6.81% | 3.48% | -2.33% |
| IHF | iShares DJ US Healthcare Provid's | Health & Biotech Equiti | 3 | -0.70% | -2.53% | 0.96% | 15.34% | 5.47% | -4.01% |
| XLF | Financial Select Sector | Financial Equities | 3 | -0.68% | 0.20% | 5.10% | 6.41% | 3.39% | -2.56% |
| FXY | CurrencyShares Japanese Yen Trust | Currency | 3 | 1.45% | 2.19% | 1.55% | 6.33% | 2.54% | -9.26% |
| IYM | Dow Jones US Basic Mat's | Materials | 3 | -1.16% | 2.67% | 2.01% | 9.75% | 3.50% | -2.32% |
| IFGL | iShares FTSE EPRA/NAREIT Global Real Estate | Global Real Estate | 3 | 0.17% | 2.35% | -0.24% | 11.00% | 4.46% | -5.69% |
| FXH | 1st Trust Health Care AlphaDEX | Health & Biotech Equiti | 3 | -1.94% | -1.67% | 0.40% | 14.76% | 4.85% | -4.74% |
| IYR | Dow Jones US Real Estate | Real Estate | 2 | -0.54% | 0.79% | 1.57% | 4.50% | 2.31% | -6.18% |
| IYJ | Dow Jones US Industrial | Industrial Equities | 2 | -1.56% | 0.31% | -0.40% | 8.63% | 2.86% | -2.44% |
| PJP | Dynamic Pharmaceuticals | Health & Biotech Equiti | 2 | -2.71% | -2.61% | 3.11% | 9.39% | 3.14% | -10.60% |

| Ticker | ETF Name | Orientation | M-Index | 4 wk | 8 wk | 12 wk | YTD | %M/A | DD% |
|--------|--|-------------------------|---------|--------|--------|--------|---------|--------|---------|
| MOO | VanEck Vectors Agribusiness | Commodity Producers | 2 | -1.63% | 1.87% | 0.89% | 8.43% | 2.92% | -3.01% |
| AGQ | ProShares Ultra Silver | Leveraged Commoditie | 2 | 3.53% | 2.18% | -6.07% | 7.98% | -4.00% | -38.73% |
| RWX | SPDR DJ Wil Intern. RE | Real Estate | 2 | -0.69% | 1.81% | -1.57% | 7.73% | 2.73% | -9.84% |
| SLV | iShares Silver Trust | Precious Metals | 2 | 2.23% | 1.91% | -2.14% | 6.09% | -0.57% | -18.21% |
| VAW | Vanguard Materials VIPERS | Materials | 2 | -2.01% | 0.92% | 0.87% | 8.58% | 2.66% | -3.19% |
| KIE | SPDR S&P Insurance | Specialty-Financial | 2 | -1.06% | 0.75% | 1.74% | 7.32% | 3.32% | -3.15% |
| VFH | Vanguard Financials | Financials Equities | 2 | -1.23% | -0.34% | 4.12% | 5.12% | 2.55% | -2.70% |
| XLB | Materials Select Sector | Materials | 2 | -1.81% | 1.38% | 1.01% | 9.18% | 3.27% | -2.76% |
| IYK | Dow Jones US Cons. Goods | Consumer Staples Equi | 1 | -2.57% | -0.54% | -2.55% | 8.54% | 1.93% | -3.14% |
| ICF | Cohen & Steers Realty | Real Estate | 1 | -0.85% | 0.28% | 1.33% | 1.80% | 1.20% | -9.68% |
| SIL | Global X Silver Miners | Commodity Producers | 1 | -0.56% | 0.39% | -3.26% | 5.45% | -3.77% | -36.82% |
| KBWB | PowerShares KBW Bank Portfolio | Financials Equities | 1 | -1.24% | -1.30% | 4.53% | 2.96% | 1.60% | -4.94% |
| XLI | Industrial Select Sector | Industrial Equities | 1 | -1.55% | -0.55% | -1.12% | 7.97% | 2.07% | -3.24% |
| XHB | SPDR Series Trust SPDR Home Builders | Building & Construction | 1 | -3.80% | -2.26% | -1.77% | 9.99% | 1.49% | -4.49% |
| REZ | iShares Residential Real Estate Capped | Specialty-Real Estate | 1 | 0.64% | -0.26% | 0.48% | 4.60% | 2.47% | -6.05% |
| VIS | Vanguard Industrials | industrials Equities | 0 | -2.08% | -1.14% | -1.62% | 5.60% | 0.87% | -3.62% |
| VNQ | Vanguard REIT Index | Real Estate | 0 | -1.14% | 0.23% | 0.97% | 1.08% | 0.60% | -9.96% |
| RWO | SPDR DJ Wilshire Global Real Estate | Global Real Estate | 0 | -1.30% | 0.25% | -0.17% | 2.30% | 1.11% | -8.53% |
| FTGC | First Trust Global Tactical Commodity Strategy | Commodities | 0 | -0.40% | 2.62% | 0.10% | -2.16% | -1.07% | -8.94% |
| DBC | PowerShares DB Commodity Index | Commodities | 0 | -0.34% | 4.66% | 2.28% | -6.44% | -1.91% | -7.66% |
| VCR | Vanguard Consumer Discretionary | Consumer Discretionar | 0 | -3.83% | -1.09% | -3.28% | 8.57% | 1.46% | -3.83% |
| XLY | Consumer Discretionary Sec. | Consumer Discretionar | 0 | -4.00% | -0.84% | -3.81% | 8.61% | 1.23% | -4.15% |
| FXB | CurrencyShares British Pound | Currency | 0 | -2.04% | -1.58% | -0.72% | 3.60% | 1.02% | -14.35% |
| IHE | iShares DJ US Pharmaceuticals | Health & Biotech Equiti | 0 | -2.91% | -3.49% | -1.33% | 6.22% | 0.46% | -5.98% |
| DJP | Bloomberg Commodity Index | Commodities | 0 | -0.82% | 3.37% | 1.77% | -5.16% | -1.93% | -8.19% |
| SCHH | Schwab U.S. REIT | Real Estate | 0 | -1.63% | -0.61% | 1.03% | 0.00% | 0.26% | -9.72% |
| VDC | Vanguard Consumer Staples | Consumer Staples Equi | -1 | -2.50% | -0.75% | -4.76% | 4.16% | -0.13% | -5.14% |
| FXG | 1st Trust Consumer Staples | Consumer Staples Equi | -1 | -2.00% | 0.72% | -1.88% | 0.61% | -0.42% | -6.65% |
| FXD | First Trust Cons. Discret. AlphaDEX | Consumer Discretionar | -1 | -3.50% | -1.22% | -2.12% | 2.51% | -0.39% | -3.53% |
| XLP | Consumer Staples Select | Consumer Staples | -1 | -2.37% | -0.64% | -4.57% | 5.38% | 0.42% | -4.95% |
| RWR | Wilshire REIT Fund | Real Estate | -1 | -1.70% | -0.67% | 0.66% | -0.87% | -0.22% | -11.03% |
| RHS | Guggenheim S&P 500 = Wt. Consum Staples | Consumer Staples | -1 | -2.54% | -0.89% | -5.01% | 3.30% | -0.65% | -5.25% |
| IYC | iShares US Consumer Services | Consumer Discretionar | -1 | -4.11% | -1.79% | -5.03% | 6.46% | 0.20% | -5.46% |
| XPH | SPDR Pharmaceuticals | Health & Biotech Equiti | -2 | -4.99% | -4.68% | -2.90% | 5.30% | -0.54% | -13.62% |
| IYT | Dow Jones Transportation | Transportation Equities | -2 | -1.70% | -4.73% | -2.95% | -0.15% | -2.38% | -7.30% |
| GSG | iShares GSCI Commodity Index | Commodities. | -2 | -1.46% | 3.72% | 0.14% | -9.32% | -3.59% | -12.55% |
| VOX | Vanguard Telecom Serv's | Communication Equitie | -2 | -1.23% | 1.84% | -1.73% | -6.79% | -2.80% | -10.35% |
| KBE | SPDR S&P Bank | Specialty-Financial | -3 | -3.32% | -4.10% | 0.43% | -3.57% | -2.90% | -9.97% |
| KRE | SPDR S&P Region.Banking | Specialty-Financial | -4 | -4.08% | -5.13% | -0.72% | -5.76% | -4.23% | -11.78% |
| IXC | S&P Global Energy | Energy Equities | -4 | -3.00% | 0.16% | -3.66% | -10.81% | -5.97% | -13.73% |
| UUP | PowerShares DB US Dollar Bullish | Currency | -4 | -0.53% | -2.10% | -3.66% | -8.58% | -5.39% | -9.40% |
| USO | U.S. Oil Fund | Oil & Gas. | -4 | -3.48% | 5.43% | -2.02% | -17.15% | -7.81% | -21.88% |
| IYZ | Down Jones US Telecom | Commun. Equities | -4 | -2.07% | -1.80% | -4.40% | -8.06% | -4.59% | -13.19% |
| IGE | iShares North American Natural Resources | Commodity Producers | -6 | -5.00% | -1.33% | -3.41% | -13.41% | -8.22% | -16.43% |

| Ticker | ETF Name | Orientation | M-Index | 4 wk | 8 wk | 12 wk | YTD | %M/A | DD% |
|---------------|----------------------------------|------------------------|----------------|-------------|-------------|--------------|------------|-------------|------------|
| DBA | PowerShares DB Agriculture Fd | Agriculture Commoditie | -6 | -6.37% | -3.67% | -6.51% | -6.56% | -6.62% | -18.73% |
| XRT | SPDR S&P Retail | Consumer Discretionar | -7 | -6.12% | -4.05% | -6.72% | -11.87% | -8.35% | -19.35% |
| XLE | Energy Select Sector | Energy Equities | -8 | -5.76% | -2.96% | -4.75% | -16.72% | -9.95% | -19.41% |
| IYE | Dow Jones US Energy | Specialty-Natural Res. | -8 | -6.02% | -3.26% | -5.40% | -17.72% | -10.68% | -20.47% |
| UNG | U.S. Natural Gas Fund | Oil & Gas | -9 | -0.30% | -2.93% | -3.64% | -29.12% | -11.68% | -30.75% |
| VDE | Vanguard Energy VIPERS | Energy Equities | -9 | -6.33% | -3.54% | -5.75% | -18.71% | -11.25% | -21.33% |
| IEO | iShares DJ Oil & Gas Expl.&Prod. | Energy Equities | -10 | -8.79% | -4.84% | -6.87% | -20.92% | -13.44% | -24.64% |
| FXN | 1st Trust Energy AlphaDEX | Energy Equities | -11 | -8.85% | -5.71% | -6.96% | -23.92% | -15.46% | -27.73% |
| XOP | SPDR Oil & Gas Explor & Product | Energy Equities | -14 | -9.78% | -6.34% | -10.06% | -28.32% | -18.31% | -31.62% |
| OIH | Oil Services HOLDRs | Energy Equities | -19 | -12.72% | -11.41% | -16.39% | -34.36% | -25.35% | -37.62% |
| XES | SPDR Oil & Gas Equip./Services | Energy Equities | -23 | -16.08% | -15.00% | -19.17% | -40.94% | -30.41% | -44.35% |
| URE | ProShares Ultra Real Estate | Leveraged Real Estate | -36 | -1.23% | -49.47% | -48.05% | -44.35% | -43.16% | -54.11% |