

HV Sector ETFs as of 11/21/2019

| Ticker | ETF Name | Orientation | M-Index | 4 wk | 8 wk | 12 wk | YTD %M/A | DD% |
|--------|---|-------------------------|---------|--------|--------|--------|---------------|---------|
| SMH | VanEch Vectors Semiconductor | Technology Equities | 20 | 5.33% | 8.72% | 15.36% | 50.26% 15.34% | -2.40% |
| SOXX | iShares PHLX SOX Semiconductor Sector Index | Technology Equities | 18 | 4.93% | 7.15% | 12.83% | 46.53% 13.13% | -2.94% |
| IHF | iShares DJ US Healthcare Provid's | Health & Biotech Equiti | 17 | 12.72% | 20.54% | 15.83% | 17.10% 13.30% | -4.16% |
| XLK | Technology Select | Technology Equities | 16 | 5.82% | 7.34% | 8.99% | 39.88% 10.90% | -1.11% |
| ITB | iShares DJ US Home Construction | Building and Constructi | 15 | -1.82% | 4.12% | 9.85% | 48.83% 13.41% | -3.33% |
| BBH | VanEck Vectors Biotech | Health & Biotech | 15 | 9.96% | 15.54% | 10.42% | 23.60% 9.71% | 0.00% |
| IYW | Dow Jones US Technology | Technology Equities | 15 | 6.12% | 7.54% | 9.81% | 38.07% 10.50% | -0.96% |
| VGT | Vanguard Info Technology | Technolgy Equities | 15 | 6.01% | 7.33% | 8.66% | 39.19% 10.12% | -1.07% |
| KBWB | PowerShares KBW Bank Portfolio | Financials Equities | 14 | 4.72% | 8.90% | 16.75% | 27.10% 9.92% | -7.00% |
| XBI | SPDR Series Trust SPDR S&P Biotech | Health & Biotech Equiti | 13 | 9.33% | 13.75% | 8.04% | 22.13% 4.02% | -13.37% |
| IYG | Dow Jones US Financial Serv's | Specialty-Financial | 13 | 4.45% | 6.94% | 10.54% | 30.12% 9.17% | -0.50% |
| IGV | iShares North American Tech-Software | Technology Equities | 13 | 7.88% | 6.08% | 5.07% | 31.21% 5.80% | -1.03% |
| IBB | Nasdaq Biotechnology | Health & Biotech Equiti | 13 | 8.10% | 14.21% | 10.31% | 18.53% 7.43% | -66.47% |
| XHB | SPDR Series Trust SPDR Home Builders | Building & Construction | 12 | -1.44% | 3.30% | 7.72% | 38.65% 8.55% | -3.55% |
| ITA | iShares DJ US Aerospace&Defense | Industrials Equities | 11 | 4.77% | 1.30% | 4.29% | 33.47% 8.08% | -1.28% |
| KBE | SPDR S&P Bank | Specialty-Financial | 11 | 3.42% | 5.71% | 11.98% | 22.36% 5.30% | -11.88% |
| FXH | 1st Trust Health Care AlphaDEX | Health & Biotech Equiti | 11 | 8.59% | 10.18% | 7.89% | 18.53% 7.88% | -3.83% |
| FBT | 1st Trust Biotechnology Index | Health & Biotech Equiti | 11 | 9.98% | 13.16% | 8.61% | 13.41% 3.46% | -11.49% |
| VFH | Vanguard Financials | Financials Equities | 11 | 3.89% | 5.42% | 10.02% | 24.26% 7.39% | -1.82% |
| IYJ | Dow Jones US Industrial | Industrial Equities | 11 | 3.68% | 4.07% | 6.22% | 28.81% 5.93% | -1.04% |
| VIS | Vanguard Industrials | industrials Equities | 11 | 3.66% | 4.24% | 7.69% | 26.83% 6.02% | -1.39% |
| XLI | Industrial Select Sector | Industrial Equities | 11 | 4.02% | 4.39% | 7.69% | 26.15% 5.96% | -1.29% |
| XLF | Financial Select Sector | Financial Equities | 11 | 4.21% | 6.22% | 10.70% | 24.69% 8.23% | -1.56% |
| IYH | Dow Jones US Healthcare | Specialty-Health | 10 | 6.94% | 9.35% | 8.02% | 13.89% 7.22% | 0.00% |
| IHI | iShares DJ US Medical Devices | Health & Biotech Equiti | 10 | 5.18% | 3.28% | 2.33% | 27.47% 7.36% | -0.65% |
| IXJ | S&P Global Healthcare | Health & Biotech Equiti | 10 | 5.73% | 8.20% | 8.57% | 16.52% 8.14% | -46.36% |
| IYF | Dow Jones US Financial Sector | Specialty-Financial | 10 | 2.31% | 3.59% | 6.62% | 25.53% 6.53% | -0.77% |
| VHT | Vanguard Health Care | Health & Biotech Equiti | 10 | 7.06% | 9.35% | 7.77% | 13.85% 6.95% | 0.00% |
| URE | ProShares Ultra Real Estate | Leveraged Real Estate | 10 | -6.43% | -4.12% | -0.02% | 50.83% 5.57% | -39.03% |
| XPH | SPDR Pharmaceuticals | Health & Biotech Equiti | 9 | 5.72% | 9.83% | 11.31% | 8.00% 2.31% | -20.84% |
| XLV | Health Care Select SPDR | Health & Biotech Equiti | 9 | 6.47% | 9.12% | 8.20% | 13.18% 7.36% | 0.00% |
| USO | U.S. Oil Fund | Oil & Gas. | 9 | 4.01% | 3.39% | 3.57% | 26.29% 2.02% | -24.13% |
| VOX | Vanguard Telecom Serv's | Communication Equitie | 9 | 3.69% | 4.60% | 4.68% | 23.21% 4.74% | -12.36% |
| KRE | SPDR S&P Region.Banking | Specialty-Financial | 9 | 3.14% | 5.07% | 11.06% | 18.68% 4.16% | -15.53% |
| FXO | 1st Trust Financials AlphaDEX | Financial Equities | 8 | 2.54% | 2.57% | 6.17% | 21.07% 4.00% | -0.76% |
| IYC | iShares US Consumer Services | Consumer Discretionar | 7 | 1.25% | 2.43% | 1.19% | 22.67% 3.33% | -2.18% |
| FXD | First Trust Cons. Discret. AlphaDEX | Consumer Discretionar | 7 | 1.21% | 4.32% | 4.90% | 18.02% 2.31% | -3.83% |
| VAW | Vanguard Materials VIPERS | Materials | 7 | 2.70% | 2.74% | 5.88% | 16.58% 3.30% | -10.60% |
| KIE | SPDR S&P Insurance | Specialty-Financial | 7 | 1.16% | -1.16% | 3.80% | 23.09% 4.05% | -62.78% |
| XLB | Materials Select Sector | Materials | 7 | 2.78% | 2.35% | 5.19% | 17.24% 3.79% | -7.58% |
| RHS | Guggenheim S&P 500 = Wt. Consum Staples | Consumer Staples | 7 | 1.53% | 1.04% | 2.73% | 21.26% 4.68% | -0.56% |

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|--------|--|-------------------------|---------|--------|--------|---------|--------|--------|---------|
| XLP | Consumer Staples Select | Consumer Staples | 6 | -0.08% | 0.34% | 0.99% | 20.91% | 4.85% | -0.41% |
| IYK | Dow Jones US Cons. Goods | Consumer Staples Equi | 6 | -0.01% | 1.21% | 3.24% | 19.62% | 3.94% | -2.54% |
| IYT | Dow Jones Transportation | Transportation Equities | 6 | 0.16% | 2.68% | 5.44% | 16.37% | 2.01% | -7.90% |
| IYM | Dow Jones US Basic Mat's | Materials | 6 | 3.73% | 3.04% | 6.46% | 12.63% | 2.63% | -12.48% |
| FXG | 1st Trust Consumer Staples | Consumer Staples Equi | 5 | 2.39% | 0.98% | 3.52% | 14.88% | 4.23% | -5.75% |
| VNQI | Vanguard Global ex-U.S. Real Estate | Global Real Estate | 5 | -0.92% | 2.40% | 3.89% | 14.67% | 2.30% | -7.74% |
| GNR | SPDR S&P Global Natural Resources | Commodity Producers | 5 | 1.28% | 3.23% | 7.21% | 7.83% | -0.06% | -16.19% |
| GSG | iShares GSCI Commodity Index | Commodities. | 5 | 0.97% | 1.96% | 3.99% | 11.41% | 0.43% | -16.56% |
| XLY | Consumer Discretionary Sec. | Consumer Discretionar | 5 | -1.41% | -0.50% | -0.67% | 20.68% | 1.16% | -4.01% |
| IHE | iShares DJ US Pharmaceuticals | Health & Biotech Equiti | 5 | 4.58% | 5.35% | 5.79% | 4.79% | 0.71% | -13.00% |
| VDC | Vanguard Consumer Staples | Consumer Staples Equi | 5 | 0.18% | 0.23% | 1.03% | 19.29% | 4.14% | -0.49% |
| VCR | Vanguard Consumer Discretionary | Consumer Discretionar | 5 | -1.02% | 0.67% | 0.55% | 19.77% | 1.41% | -3.46% |
| RWX | SPDR DJ Wil Intern. RE | Real Estate | 5 | -1.03% | 2.49% | 4.28% | 14.32% | 3.19% | -6.29% |
| MOO | VanEck Vectors Agribusiness | Commodity Producers | 5 | 0.64% | 0.81% | 0.59% | 16.20% | 2.20% | -2.39% |
| PJP | Dynamic Pharmaceuticals | Health & Biotech Equiti | 5 | 5.40% | 8.47% | 8.86% | -1.62% | 1.83% | -17.26% |
| RING | iShares MCSI Global Gold Miners Fund | Commodity Producers | 5 | -2.28% | -4.04% | -8.35% | 34.59% | 9.54% | -17.93% |
| DBC | PowerShares DB Commodity Index | Commodities | 4 | 0.64% | 2.43% | 3.65% | 7.80% | 0.46% | -15.75% |
| VNQ | Vanguard REIT Index | Real Estate | 4 | -3.21% | -1.84% | -0.28% | 23.23% | 2.76% | -3.53% |
| GUNR | FlexShares Global Upstream Natural Resources | Commodity Producers | 4 | 1.95% | 2.11% | 4.39% | 8.85% | -0.37% | -10.02% |
| IYR | Dow Jones US Real Estate | Real Estate | 4 | -3.23% | -1.89% | -0.38% | 22.75% | 2.73% | -3.53% |
| IFGL | iShares FTSE EPRA/NAREIT Global Real Estate | Global Real Estate | 4 | -0.72% | 2.23% | 2.47% | 12.06% | 1.28% | -4.48% |
| IGE | iShares North American Natural Resources | Commodity Producers | 4 | 1.44% | 0.37% | 3.76% | 8.50% | -1.62% | -22.48% |
| IXC | S&P Global Energy | Energy Equities | 4 | 1.66% | 1.99% | 7.34% | 6.58% | -1.62% | -20.59% |
| XRT | SPDR S&P Retail | Consumer Discretionar | 4 | -1.53% | 2.98% | 7.72% | 5.51% | 0.71% | -17.62% |
| RWO | SPDR DJ Wilshire Global Real Estate | Global Real Estate | 4 | -2.78% | -0.19% | 1.93% | 16.99% | 2.23% | -3.02% |
| IYZ | Down Jones US Telecom | Commun. Equities | 4 | 0.75% | 0.65% | 3.48% | 11.57% | -0.38% | -19.54% |
| IEO | iShares DJ Oil & Gas Expl.&Prod. | Energy Equities | 3 | 1.36% | 1.68% | 7.21% | 1.08% | -3.56% | -33.45% |
| XME | SPDR S&P Metals & Mining | Commodity Producers | 3 | 1.21% | 3.84% | 5.48% | 2.21% | -2.75% | -31.66% |
| RWR | Wilshire REIT Fund | Real Estate | 3 | -4.00% | -2.14% | 0.03% | 19.19% | 1.49% | -4.00% |
| FXB | CurrencyShares British Pound | Currency | 3 | 0.48% | 4.77% | 5.98% | 1.22% | 1.58% | -13.96% |
| PPLT | ETFS Physical Platinum Shares | Precious Metals | 3 | -0.83% | -1.98% | -0.16% | 14.67% | 5.28% | -23.85% |
| ICF | Cohen & Steers Realty | Real Estate | 3 | -4.51% | -3.32% | -2.23% | 21.59% | 1.40% | -4.69% |
| GDX | Mkt Vector Gold Miners | Specialty-Precious Met | 3 | -2.54% | -4.59% | -9.58% | 27.17% | 7.16% | -14.37% |
| SIL | Global X Silver Miners | Commodity Producers | 3 | 0.58% | -0.94% | -4.27% | 17.43% | 8.41% | -45.18% |
| XLE | Energy Select Sector | Energy Equities | 3 | 1.68% | 0.65% | 4.44% | 4.67% | -3.23% | -23.93% |
| SCHH | Schwab U.S. REIT | Real Estate | 3 | -4.01% | -2.14% | 0.15% | 19.97% | 1.76% | -4.01% |
| IYE | Dow Jones US Energy | Specialty-Natural Res. | 2 | 1.42% | 0.19% | 4.09% | 2.92% | -4.25% | -26.16% |
| FTGC | First Trust Global Tactical Commodity Strategy | Commodities | 2 | -0.43% | 0.87% | 2.61% | 3.07% | 0.21% | -15.73% |
| REZ | iShares Residential Real Estate Capped | Specialty-Real Estate | 2 | -6.17% | -4.24% | -3.66% | 22.31% | 2.24% | -6.57% |
| DJP | Bloomberg Commodity Index | Commodities | 1 | -1.07% | 0.23% | 2.17% | 4.10% | -0.44% | -13.98% |
| DBA | PowerShares DB Agriculture Fd | Agriculture Commoditie | 1 | 1.26% | 1.91% | 6.93% | -5.31% | -0.56% | -30.14% |
| IAU | iShares Gold Trust | Precious Metals | 1 | -2.57% | -2.71% | -4.24% | 13.91% | 4.72% | -5.91% |
| GDXJ | VanEck Vectors Junior Gold Miners | Commodity Producers | 1 | -2.39% | -3.92% | -10.14% | 21.74% | 5.57% | -28.84% |
| GLD | SPDR Gold Shares | Precious Metals | 1 | -2.49% | -2.67% | -4.25% | 13.81% | 4.70% | -5.90% |

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|--------|------------------------------------|----------------------|---------|---------|---------|---------|---------|---------|---------|
| UUP | PowerShares DB US Dollar Bullish | Currency | 1 | 0.49% | -0.81% | 0.22% | 5.42% | 1.77% | -1.00% |
| VDE | Vanguard Energy VIPERS | Energy Equities | 1 | 0.97% | -0.55% | 3.23% | 1.43% | -5.42% | -28.20% |
| FXE | CurrencyShares Euro Currency Trust | Currency | -1 | -0.46% | 1.14% | -0.18% | -4.17% | -1.36% | -12.91% |
| SLV | iShares Silver Trust | Precious Metals | -1 | -3.96% | -4.08% | -6.33% | 10.12% | 5.97% | -18.42% |
| FXI | CurrencyShares Japanese Yen Trust | Currency | -1 | -0.02% | -0.75% | -2.10% | 0.42% | -0.02% | -9.53% |
| UNG | U.S. Natural Gas Fund | Oil & Gas | -4 | 3.49% | -3.68% | 1.77% | -18.33% | -5.47% | -77.15% |
| OIH | Oil Services HOLDERS | Energy Equities | -5 | 0.17% | -2.75% | 1.22% | -16.89% | -17.40% | -66.77% |
| AGQ | ProShares Ultra Silver | Leveraged Commoditie | -5 | -8.24% | -9.18% | -14.76% | 11.45% | 7.87% | -48.03% |
| FXN | 1st Trust Energy AlphaDEX | Energy Equities | -7 | -2.50% | -5.17% | -1.27% | -18.77% | -15.41% | -48.57% |
| XOP | SPDR Oil & Gas Explor & Product | Energy Equities | -9 | -1.82% | -7.20% | -4.42% | -20.84% | -18.79% | -52.88% |
| XES | SPDR Oil & Gas Equip./Services | Energy Equities | -11 | -3.30% | -9.16% | -7.29% | -25.19% | -25.93% | -71.59% |
| SGOL | ETFS Physical Swiss Gold Shares | Precious Metals | -90 | -90.24% | -90.26% | -90.41% | -88.58% | -88.98% | -90.58% |