

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 MCSI 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	VanEch 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%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
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%
FXY	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%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
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 HOLDERS	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%