

HV Sector ETFs as of 12/27/2018

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	5	9.39%	7.15%	11.84%	-9.77%	1.30%	-33.05%
UNG	U.S. Natural Gas Fund	Oil & Gas	5	-22.19%	9.32%	9.65%	23.76%	12.73%	-67.32%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	4	9.06%	7.12%	12.07%	-13.56%	-0.09%	-38.91%
IAU	iShares Gold Trust	Precious Metals	3	4.09%	3.30%	6.27%	-2.40%	1.83%	-7.36%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	3	10.76%	5.69%	6.86%	-12.86%	-1.88%	-42.48%
GLD	SPDR Gold Shares	Precious Metals	3	4.17%	3.38%	6.25%	-2.49%	1.84%	-7.62%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	3	4.09%	3.34%	6.21%	-2.51%	1.81%	-7.60%
FXV	CurrencyShares Japanese Yen Trust	Currency	2	2.05%	1.42%	2.42%	1.01%	-0.25%	-11.06%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	1	12.97%	5.89%	7.31%	-24.11%	-5.09%	-54.57%
SLV	iShares Silver Trust	Precious Metals	1	6.48%	3.40%	4.30%	-10.57%	-1.27%	-27.04%
UUP	PowerShares DB US Dollar Bullish	Currency	1	-0.97%	-0.31%	0.55%	6.41%	2.12%	-4.23%
SIL	Global X Silver Miners	Commodity Producers	0	8.64%	5.92%	5.75%	-22.21%	-5.98%	-52.62%
FXE	CurrencyShares Euro Currency Trust	Currency	-1	0.41%	0.15%	-0.81%	-5.41%	-2.21%	-9.22%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-2	-6.23%	-1.67%	1.41%	-0.43%	-0.47%	-10.24%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-3	-8.58%	-6.23%	-10.51%	13.03%	-4.50%	-13.88%
FXB	CurrencyShares British Pound	Currency	-3	-1.01%	-2.77%	-2.87%	-6.46%	-4.07%	-15.63%
IGV	iShares North American Tech-Software	Technology Equities	-4	-6.23%	-7.05%	-13.00%	11.34%	-7.30%	-16.26%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-4	-2.26%	-4.09%	-1.46%	-9.91%	-5.44%	-26.39%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-5	-4.43%	-2.42%	-2.46%	-10.07%	-6.77%	-14.92%
XLV	Health Care Select SPDR	Health & Biotech Equiti	-5	-9.38%	-5.20%	-9.81%	2.99%	-3.08%	-11.18%
ICF	Cohen & Steers Realty	Real Estate	-5	-7.81%	-3.81%	-2.51%	-6.11%	-3.74%	-15.29%
IYR	Dow Jones US Real Estate	Real Estate	-6	-8.03%	-5.00%	-4.39%	-8.06%	-5.89%	-13.09%
VHT	Vanguard Health Care	Health & Biotech Equiti	-6	-10.01%	-6.72%	-11.20%	2.53%	-4.90%	-12.63%
IYH	Dow Jones US Healthcare	Specialty-Health	-6	-9.62%	-5.98%	-10.62%	3.06%	-3.89%	-11.98%
RWR	Wilshire REIT Fund	Real Estate	-7	-9.14%	-6.08%	-5.26%	-8.57%	-6.76%	-17.64%
SCHH	Schwab U.S. REIT	Real Estate	-7	-9.13%	-6.03%	-5.27%	-7.95%	-6.41%	-15.73%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-7	-5.67%	-3.88%	-3.82%	-13.97%	-9.61%	-20.10%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-7	-6.12%	-4.65%	-4.34%	-12.92%	-9.04%	-18.21%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-7	-7.13%	-4.72%	-4.26%	-9.90%	-6.97%	-15.97%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-7	-2.83%	-7.57%	-3.63%	-14.75%	-6.58%	-33.43%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-8	-15.01%	-11.40%	-13.79%	8.49%	-7.03%	-15.70%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	-8	-8.64%	-8.91%	-13.41%	-0.75%	-9.61%	-16.84%
VNQ	Vanguard REIT Index	Real Estate	-8	-8.72%	-5.79%	-5.27%	-10.67%	-6.92%	-19.99%
XLP	Consumer Staples Select	Consumer Staples	-9	-9.53%	-8.72%	-5.46%	-11.11%	-4.50%	-13.86%
KIE	SPDR S&P Insurance	Specialty-Financial	-9	-8.73%	-6.70%	-12.64%	-8.37%	-8.71%	-70.02%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-9	-3.44%	-7.70%	-10.32%	-13.13%	-10.52%	-17.97%
IYW	Dow Jones US Technology	Technology Equities	-9	-7.66%	-11.29%	-16.78%	-2.20%	-11.40%	-18.77%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-9	-9.36%	-8.77%	-5.95%	-10.55%	-5.01%	-13.40%
VGT	Vanguard Info Technology	Technolgy Equities	-9	-8.50%	-11.93%	-17.24%	0.47%	-10.58%	-18.69%
IYC	iShares US Consumer Services	Consumer Discretionar	-9	-10.43%	-10.11%	-13.34%	-0.46%	-8.71%	-15.79%
DJP	Bloomberg Commodity Index	Commodities	-9	-6.18%	-7.31%	-11.39%	-11.76%	-9.78%	-16.12%

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GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-10	-5.96%	-9.49%	-14.00%	-12.35%	-11.58%	-17.62%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	-10	-9.88%	-10.31%	-14.72%	-4.77%	-11.52%	-18.20%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-10	-11.69%	-10.11%	-14.53%	-4.30%	-9.52%	-17.17%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	-10	-6.77%	-9.32%	-15.26%	-8.89%	-12.83%	-21.19%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-10	-8.99%	-10.16%	-13.85%	-7.99%	-9.71%	-14.55%
XLK	Technology Select	Technology Equities	-11	-8.56%	-12.22%	-17.45%	-3.77%	-11.89%	-18.95%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-11	-10.62%	-9.03%	-13.57%	-11.70%	-11.23%	-16.51%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-11	-9.13%	-9.78%	-9.23%	-16.15%	-9.43%	-18.66%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-11	-10.48%	-10.90%	-8.80%	-13.21%	-8.15%	-15.53%
XLB	Materials Select Sector	Materials	-11	-7.53%	-6.88%	-13.27%	-16.79%	-11.74%	-21.41%
IYZ	Down Jones US Telecom	Commun. Equities	-11	-9.57%	-8.81%	-12.77%	-11.97%	-7.91%	-29.15%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-11	-12.79%	-12.04%	-17.27%	-2.79%	-10.73%	-20.06%
IYM	Dow Jones US Basic Mat's	Materials	-12	-7.02%	-8.11%	-15.07%	-17.95%	-13.41%	-22.39%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-12	-10.93%	-11.04%	-13.28%	-13.09%	-12.07%	-19.11%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-12	-10.96%	-11.91%	-9.60%	-13.68%	-10.19%	-18.33%
SMH	VanEch Vectors Semiconductor	Technology Equities	-12	-8.66%	-11.95%	-17.57%	-11.81%	-15.16%	-23.71%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-12	-12.62%	-13.15%	-20.55%	-2.41%	-14.38%	-23.61%
VOX	Vanguard Telecom Serv's	Communication Equitie	-13	-8.95%	-9.95%	-14.23%	-19.08%	-11.91%	-29.17%
BBH	VanEck Vectors Biotech	Health & Biotech	-13	-10.76%	-11.26%	-16.74%	-12.04%	-11.00%	-19.68%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-13	-11.47%	-11.95%	-19.27%	-10.87%	-13.86%	-72.08%
VAW	Vanguard Materials VIPERS	Materials	-13	-8.28%	-8.38%	-15.63%	-19.17%	-14.17%	-23.55%
DBC	PowerShares DB Commodity Index	Commodities	-13	-5.14%	-13.48%	-20.56%	-12.28%	-14.82%	-21.41%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-13	-15.66%	-10.27%	-9.98%	-15.77%	-11.93%	-59.90%
IYJ	Dow Jones US Industrial	Industrial Equities	-13	-10.43%	-10.02%	-18.67%	-13.52%	-13.01%	-19.85%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-13	-11.55%	-11.82%	-16.27%	-10.67%	-11.41%	-18.66%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-13	-11.34%	-10.84%	-15.88%	-14.40%	-14.01%	-18.54%
XLF	Financial Select Sector	Financial Equities	-14	-12.04%	-10.61%	-16.13%	-15.44%	-13.22%	-21.78%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-14	-7.91%	-12.64%	-18.69%	-16.47%	-15.67%	-22.75%
XLI	Industrial Select Sector	Industrial Equities	-14	-11.00%	-10.08%	-19.41%	-15.50%	-13.46%	-20.73%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-14	-12.46%	-12.10%	-17.47%	-14.62%	-14.96%	-21.28%
VFH	Vanguard Financials	Financials Equities	-14	-12.36%	-11.04%	-16.66%	-16.15%	-14.32%	-21.83%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	-14	-8.50%	-7.69%	-13.48%	-26.77%	-15.18%	-30.67%
XRT	SPDR S&P Retail	Consumer Discretionar	-14	-12.51%	-15.36%	-16.67%	-10.25%	-14.89%	-22.76%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-14	-10.71%	-13.05%	-21.23%	-9.28%	-14.37%	-21.59%
VIS	Vanguard Industrials	industrials Equities	-14	-11.20%	-10.58%	-19.54%	-16.07%	-14.07%	-20.75%
ITB	iShares DJ US Home Construction	Building and Constructi	-15	-7.67%	-6.75%	-12.14%	-31.45%	-17.33%	-35.20%
IYT	Dow Jones Transportation	Transportation Equities	-15	-14.53%	-11.71%	-18.91%	-14.04%	-14.36%	-20.99%
GSG	iShares GSCI Commodity Index	Commodities.	-15	-7.25%	-16.35%	-23.78%	-13.57%	-17.39%	-24.84%
IXC	S&P Global Energy	Energy Equities	-17	-11.88%	-14.55%	-23.52%	-17.58%	-18.43%	-25.62%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-18	-16.37%	-19.07%	-21.30%	-16.76%	-17.92%	-27.52%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-18	-16.01%	-14.85%	-20.95%	-20.57%	-19.13%	-27.30%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-18	-13.51%	-16.91%	-24.13%	-18.02%	-22.79%	-31.21%
IGE	iShares North American Natural Resources	Commodity Producers	-19	-12.37%	-15.02%	-25.39%	-23.22%	-21.39%	-28.47%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-19	-8.91%	-5.81%	-10.15%	-50.02%	-14.84%	-54.30%

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IYE	Dow Jones US Energy	Specialty-Natural Res.	-19	-13.75%	-16.29%	-26.72%	-21.06%	-21.16%	-27.93%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-19	-16.19%	-15.39%	-23.36%	-21.61%	-22.69%	-29.83%
XME	SPDR S&P Metals & Mining	Commodity Producers	-19	-8.97%	-15.82%	-22.34%	-27.44%	-22.19%	-32.63%
KBE	SPDR S&P Bank	Specialty-Financial	-19	-15.90%	-15.09%	-22.41%	-22.24%	-21.30%	-29.02%
XLE	Energy Select Sector	Energy Equities	-19	-13.20%	-15.12%	-25.50%	-20.44%	-20.27%	-27.14%
VDE	Vanguard Energy VIPERS	Energy Equities	-20	-14.18%	-17.00%	-27.53%	-21.74%	-21.99%	-28.90%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-22	-14.76%	-20.64%	-33.09%	-20.10%	-25.49%	-33.82%
USO	U.S. Oil Fund	Oil & Gas.	-25	-11.50%	-28.53%	-38.88%	-19.90%	-29.36%	-40.17%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-26	-18.65%	-24.59%	-35.60%	-25.32%	-27.35%	-36.41%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-28	-19.60%	-27.27%	-38.94%	-28.05%	-31.62%	-39.98%
OIH	Oil Services HOLDERS	Energy Equities	-37	-24.45%	-32.43%	-45.29%	-46.26%	-41.62%	-60.10%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	-40	-27.79%	-35.51%	-48.24%	-48.57%	-43.14%	-62.86%