

# HV Sector ETFs as of 12/20/2018

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
UNG	U.S. Natural Gas Fund	Oil & Gas	11	-17.26%	14.58%	19.26%	29.07%	18.59%	-65.92%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	4	6.77%	8.79%	12.70%	-11.06%	-0.35%	-34.00%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	3	6.12%	8.50%	12.32%	-15.16%	-2.25%	-40.04%
IAU	iShares Gold Trust	Precious Metals	2	3.16%	2.46%	6.43%	-3.36%	0.63%	-8.27%
UUP	PowerShares DB US Dollar Bullish	Currency	2	-0.39%	0.19%	2.26%	7.24%	3.19%	-3.48%
GLD	SPDR Gold Shares	Precious Metals	2	3.00%	2.44%	6.42%	-3.57%	0.52%	-8.64%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	2	3.04%	2.44%	6.37%	-3.58%	0.50%	-8.62%
FXV	CurrencyShares Japanese Yen Trust	Currency	1	1.41%	1.14%	1.83%	0.86%	-0.57%	-11.19%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	1	6.71%	2.54%	8.14%	-14.74%	-4.30%	-43.71%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	1	-2.09%	1.19%	3.20%	2.57%	2.88%	-7.53%
SIL	Global X Silver Miners	Commodity Producers	-1	8.00%	4.64%	4.60%	-22.67%	-7.05%	-52.90%
FXE	CurrencyShares Euro Currency Trust	Currency	-1	1.03%	0.63%	-1.83%	-5.25%	-2.28%	-9.07%
SLV	iShares Silver Trust	Precious Metals	-2	3.20%	0.80%	3.28%	-13.38%	-4.68%	-29.34%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-2	-0.12%	-2.39%	1.48%	-8.64%	-4.36%	-25.35%
FXB	CurrencyShares British Pound	Currency	-3	-1.13%	-1.19%	-3.19%	-6.36%	-4.25%	-15.54%
VNQL	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-3	-0.40%	2.21%	-4.57%	-10.53%	-6.26%	-16.90%
ICF	Cohen & Steers Realty	Real Estate	-3	-4.51%	-2.76%	-1.63%	-4.20%	-1.63%	-13.57%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-4	-6.05%	-6.33%	-15.40%	10.38%	-6.65%	-15.90%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-4	-3.44%	-2.16%	-4.11%	-7.41%	-4.41%	-13.64%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-4	-1.56%	-0.05%	-4.89%	-9.61%	-5.79%	-15.10%
IGV	iShares North American Tech-Software	Technology Equities	-4	-2.07%	-7.09%	-17.25%	9.49%	-8.91%	-17.65%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-4	-1.30%	0.44%	-4.99%	-8.63%	-5.48%	-13.56%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-4	6.43%	0.67%	5.32%	-28.66%	-11.46%	-57.29%
IYR	Dow Jones US Real Estate	Real Estate	-5	-5.02%	-3.93%	-4.31%	-6.64%	-4.38%	-11.75%
RWR	Wilshire REIT Fund	Real Estate	-5	-5.00%	-3.69%	-3.99%	-5.79%	-3.80%	-15.13%
XLV	Health Care Select SPDR	Health & Biotech Equiti	-5	-6.18%	-4.89%	-11.34%	1.72%	-4.19%	-12.28%
SCHH	Schwab U.S. REIT	Real Estate	-6	-6.25%	-4.90%	-5.09%	-6.34%	-4.66%	-14.25%
VNQ	Vanguard REIT Index	Real Estate	-6	-5.68%	-4.63%	-5.23%	-9.09%	-5.24%	-18.58%
IYH	Dow Jones US Healthcare	Specialty-Health	-6	-6.71%	-5.73%	-12.55%	1.49%	-5.30%	-13.33%
VHT	Vanguard Health Care	Health & Biotech Equiti	-6	-7.14%	-6.28%	-13.44%	0.98%	-6.30%	-13.95%
DJP	Bloomberg Commodity Index	Commodities	-7	-3.99%	-7.09%	-7.32%	-10.32%	-8.57%	-14.76%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-7	-5.43%	-4.27%	-2.31%	-15.02%	-7.33%	-33.65%
XLP	Consumer Staples Select	Consumer Staples	-7	-6.61%	-6.76%	-4.98%	-10.05%	-3.40%	-12.84%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-8	-11.77%	-11.24%	-15.55%	6.79%	-8.38%	-17.01%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-8	-2.47%	-7.68%	-8.01%	-12.36%	-10.06%	-17.24%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-8	-7.39%	-7.61%	-6.34%	-10.31%	-4.78%	-13.17%
IYC	iShares US Consumer Services	Consumer Discretionar	-9	-6.37%	-10.30%	-16.59%	-1.41%	-9.68%	-16.59%
IYZ	Down Jones US Telecom	Commun. Equities	-9	-6.14%	-6.98%	-12.17%	-11.63%	-7.67%	-28.87%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	-9	-5.60%	-9.76%	-17.91%	-2.41%	-11.26%	-18.24%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-9	-7.90%	-7.70%	-7.90%	-11.80%	-6.77%	-14.17%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-9	-4.53%	-6.46%	-14.01%	-12.59%	-12.06%	-17.84%

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IYW	Dow Jones US Technology	Technology Equities	-9	-3.84%	-11.35%	-18.70%	-3.28%	-12.54%	-19.67%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	-9	-5.14%	-4.36%	-17.36%	-10.51%	-14.76%	-22.59%
VGT	Vanguard Info Technology	Technolgy Equities	-9	-4.83%	-11.56%	-18.69%	-0.46%	-11.53%	-19.45%
KIE	SPDR S&P Insurance	Specialty-Financial	-9	-7.62%	-5.23%	-12.74%	-9.19%	-9.72%	-70.29%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-10	-9.63%	-7.60%	-16.66%	-4.75%	-10.01%	-17.56%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-10	-7.77%	-8.08%	-14.44%	-8.90%	-10.77%	-15.39%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-10	-9.86%	-8.56%	-9.38%	-12.84%	-9.50%	-17.53%
XLK	Technology Select	Technology Equities	-10	-4.31%	-11.74%	-18.29%	-4.11%	-12.37%	-19.24%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-10	-9.02%	-7.54%	-9.34%	-12.11%	-8.00%	-58.16%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-10	-7.35%	-7.99%	-10.56%	-16.09%	-9.56%	-18.60%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	-11	-6.80%	-10.65%	-19.19%	-6.21%	-13.05%	-19.44%
DBC	PowerShares DB Commodity Index	Commodities	-11	-2.81%	-14.20%	-16.41%	-10.48%	-13.36%	-19.80%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-11	-8.75%	-8.04%	-14.27%	-12.47%	-12.23%	-17.24%
XLB	Materials Select Sector	Materials	-11	-7.41%	-3.52%	-15.33%	-18.45%	-13.80%	-22.98%
BBH	VanEck Vectors Biotech	Health & Biotech	-12	-8.10%	-8.17%	-20.05%	-12.83%	-12.02%	-20.40%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-12	-8.75%	-8.98%	-16.72%	-13.99%	-13.23%	-19.95%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-12	-9.79%	-11.78%	-20.77%	-4.28%	-12.20%	-21.29%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-12	-9.08%	-11.33%	-20.39%	-8.94%	-14.35%	-21.29%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-12	-5.42%	-8.24%	-18.13%	-15.41%	-14.94%	-21.77%
SMH	VanEch Vectors Semiconductor	Technology Equities	-12	-6.94%	-7.35%	-20.07%	-13.49%	-17.21%	-25.16%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-12	-9.86%	-10.70%	-24.29%	-3.28%	-15.40%	-24.29%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	-13	-6.14%	-3.51%	-16.19%	-26.77%	-15.66%	-30.67%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-13	-8.38%	-9.07%	-22.41%	-11.44%	-14.69%	-72.26%
XLI	Industrial Select Sector	Industrial Equities	-13	-8.45%	-8.53%	-18.62%	-15.63%	-13.91%	-20.85%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-13	-10.29%	-10.66%	-18.24%	-11.08%	-11.97%	-19.03%
VOX	Vanguard Telecom Serv's	Communication Equitie	-13	-5.15%	-9.57%	-15.95%	-19.59%	-12.78%	-29.62%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-13	-10.12%	-10.06%	-17.18%	-15.49%	-15.39%	-19.57%
IYM	Dow Jones US Basic Mat's	Materials	-13	-8.13%	-6.40%	-17.60%	-20.24%	-16.14%	-24.56%
ITB	iShares DJ US Home Construction	Building and Constructi	-13	-5.14%	-1.18%	-15.45%	-31.18%	-17.57%	-34.94%
XLF	Financial Select Sector	Financial Equities	-13	-10.00%	-8.70%	-16.04%	-16.16%	-14.28%	-22.44%
IYJ	Dow Jones US Industrial	Industrial Equities	-13	-8.44%	-9.13%	-19.16%	-14.32%	-14.09%	-20.59%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-14	-10.64%	-10.67%	-18.26%	-15.68%	-16.34%	-22.26%
VFH	Vanguard Financials	Financials Equities	-14	-10.92%	-9.46%	-17.08%	-17.19%	-15.72%	-22.80%
VAW	Vanguard Materials VIPERS	Materials	-14	-8.90%	-6.09%	-18.11%	-21.08%	-16.53%	-25.36%
VIS	Vanguard Industrials	industrials Equities	-14	-9.45%	-9.36%	-19.85%	-16.85%	-15.18%	-21.48%
GSG	iShares GSCI Commodity Index	Commodities.	-14	-5.75%	-17.66%	-20.41%	-12.35%	-16.54%	-23.77%
XRT	SPDR S&P Retail	Consumer Discretionar	-15	-10.94%	-14.78%	-22.02%	-11.53%	-16.31%	-23.87%
IYT	Dow Jones Transportation	Transportation Equities	-15	-13.13%	-10.46%	-20.63%	-15.24%	-15.81%	-22.09%
IXC	S&P Global Energy	Energy Equities	-17	-10.05%	-14.38%	-23.55%	-18.45%	-19.57%	-26.40%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-17	-14.16%	-15.07%	-24.36%	-15.68%	-17.14%	-26.58%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-17	-14.17%	-12.14%	-20.18%	-20.83%	-19.80%	-27.53%
KBE	SPDR S&P Bank	Specialty-Financial	-17	-14.08%	-11.30%	-21.52%	-22.37%	-21.90%	-29.14%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-18	-6.19%	-4.60%	-11.54%	-50.46%	-17.33%	-54.71%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-18	-14.61%	-11.66%	-22.57%	-21.72%	-23.25%	-29.92%

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XLE	Energy Select Sector	Energy Equities	-18	-10.51%	-14.62%	-24.70%	-20.86%	-20.99%	-27.53%
IGE	iShares North American Natural Resources	Commodity Producers	-19	-10.89%	-14.62%	-25.05%	-24.01%	-22.55%	-29.21%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-19	-12.07%	-16.73%	-26.68%	-22.30%	-22.70%	-29.06%
XME	SPDR S&P Metals & Mining	Commodity Producers	-19	-9.37%	-14.14%	-22.87%	-27.69%	-22.92%	-32.86%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-19	-12.08%	-14.64%	-28.47%	-19.10%	-24.31%	-32.12%
VDE	Vanguard Energy VIPERS	Energy Equities	-20	-12.39%	-17.47%	-27.55%	-22.89%	-23.46%	-29.95%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-22	-13.62%	-21.44%	-33.10%	-21.77%	-27.38%	-35.20%
USO	U.S. Oil Fund	Oil & Gas.	-24	-10.25%	-31.60%	-36.30%	-19.07%	-29.12%	-39.55%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-26	-17.73%	-24.30%	-35.07%	-26.55%	-28.89%	-37.46%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-30	-19.94%	-28.38%	-39.77%	-30.02%	-33.90%	-41.62%
OIH	Oil Services HOLDERS	Energy Equities	-37	-23.53%	-34.29%	-44.85%	-46.60%	-42.64%	-60.36%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	-40	-26.71%	-36.11%	-47.15%	-48.57%	-43.74%	-62.86%