

HV Sector ETFs as of 07/25/2019

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	28	7.27%	32.92%	36.35%	33.66%	26.96%	-18.50%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	28	11.31%	35.37%	36.91%	27.66%	25.29%	-25.38%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	27	8.29%	32.07%	35.99%	30.06%	25.85%	-12.42%
SMH	VanEck Vectors Semiconductor	Technology Equities	19	10.00%	21.52%	3.98%	38.73%	19.07%	-1.81%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	18	15.17%	26.61%	24.04%	6.83%	14.48%	-50.19%
SIL	Global X Silver Miners	Commodity Producers	18	7.50%	27.67%	22.12%	14.51%	13.75%	-46.54%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	18	9.37%	20.95%	2.28%	38.12%	19.33%	-1.68%
XLK	Technology Select	Technology Equities	14	5.59%	12.72%	5.52%	32.96%	15.42%	-0.41%
VGT	Vanguard Info Technology	Technolgy Equities	14	5.35%	12.19%	4.79%	32.91%	14.90%	-0.71%
IYW	Dow Jones US Technology	Technology Equities	13	5.52%	11.45%	3.42%	30.44%	13.60%	-0.78%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	13	2.21%	5.12%	3.39%	39.28%	10.44%	-43.70%
IGV	iShares North American Tech-Software	Technology Equities	12	4.85%	8.70%	4.73%	31.37%	13.67%	-0.62%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	12	3.60%	11.53%	10.13%	23.83%	12.44%	-0.56%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	11	5.85%	8.93%	3.48%	24.25%	9.83%	-1.41%
KIE	SPDR S&P Insurance	Specialty-Financial	10	3.57%	6.35%	5.64%	22.81%	10.55%	-62.87%
IYJ	Dow Jones US Industrial	Industrial Equities	10	2.78%	7.88%	2.91%	25.31%	9.27%	-0.30%
ITB	iShares DJ US Home Construction	Building and Constructi	10	3.46%	5.61%	2.06%	30.39%	12.13%	-15.31%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	10	2.91%	6.92%	4.54%	26.42%	9.72%	-0.21%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	10	3.49%	9.24%	2.94%	22.85%	9.47%	-0.99%
IYC	iShares US Consumer Services	Consumer Discretionar	10	3.01%	8.14%	3.80%	23.47%	10.09%	-1.54%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	10	3.47%	9.41%	3.61%	24.22%	10.52%	-1.20%
SLV	iShares Silver Trust	Precious Metals	10	7.56%	12.94%	12.04%	5.79%	8.61%	-21.63%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	10	1.89%	7.81%	2.34%	29.09%	11.10%	-10.20%
IYF	Dow Jones US Financial Sector	Specialty-Financial	9	3.84%	6.72%	3.02%	21.15%	8.48%	-0.57%
XLB	Materials Select Sector	Materials	9	1.69%	10.57%	5.11%	16.77%	7.63%	-7.96%
XLI	Industrial Select Sector	Industrial Equities	9	2.69%	7.69%	1.56%	22.14%	7.46%	-2.47%
VIS	Vanguard Industrials	industrials Equities	9	2.70%	7.99%	2.00%	23.03%	8.03%	-1.74%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	8	5.84%	8.47%	-0.27%	19.10%	5.19%	-12.86%
MOO	VanEck Vectors Agribusiness	Commodity Producers	8	0.65%	10.01%	4.44%	17.43%	7.30%	-1.01%
IAU	iShares Gold Trust	Precious Metals	8	0.37%	9.73%	11.18%	10.09%	8.88%	-2.17%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	8	0.40%	9.68%	11.22%	10.16%	8.90%	-2.22%
GLD	SPDR Gold Shares	Precious Metals	8	0.44%	9.64%	11.24%	10.04%	8.84%	-2.24%
FXO	1st Trust Financials AlphaDEX	Financial Equities	8	3.88%	6.64%	1.82%	20.07%	6.92%	-1.46%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	8	3.36%	8.49%	0.59%	19.32%	6.50%	-2.76%
XLP	Consumer Staples Select	Consumer Staples	8	2.74%	5.83%	4.77%	17.57%	7.57%	-1.03%
XLF	Financial Select Sector	Financial Equities	8	4.30%	7.46%	2.01%	19.14%	7.70%	-5.93%
VOX	Vanguard Telecom Serv's	Communication Equitie	8	3.81%	4.63%	1.67%	20.29%	7.33%	-14.43%
VFH	Vanguard Financials	Financials Equities	8	4.37%	7.40%	1.95%	19.63%	7.57%	-5.48%
VAW	Vanguard Materials VIPERS	Materials	8	1.68%	10.65%	4.16%	16.42%	6.53%	-10.72%
KBE	SPDR S&P Bank	Specialty-Financial	7	3.82%	6.18%	-2.46%	18.74%	3.78%	-14.48%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	7	2.69%	6.39%	2.03%	16.97%	6.13%	-4.70%

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XME	SPDR S&P Metals & Mining	Commodity Producers	7	1.79%	14.80%	1.03%	8.40%	-1.18%	-27.52%
IYM	Dow Jones US Basic Mat's	Materials	7	1.05%	10.62%	4.32%	13.39%	5.36%	-11.89%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	7	2.52%	5.14%	2.81%	17.22%	6.04%	-0.86%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	7	2.09%	2.90%	5.06%	18.56%	7.29%	-3.26%
IYT	Dow Jones Transportation	Transportation Equities	7	3.70%	7.47%	-0.91%	16.56%	4.12%	-7.74%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	7	2.61%	5.38%	3.62%	16.26%	6.50%	-1.13%
IYR	Dow Jones US Real Estate	Real Estate	6	1.29%	2.29%	1.75%	18.08%	5.38%	-2.72%
IYZ	Down Jones US Telecom	Commun. Equities	6	2.54%	4.86%	0.80%	14.69%	4.53%	-17.30%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	6	2.80%	6.44%	7.08%	6.34%	0.35%	-12.97%
ICF	Cohen & Steers Realty	Real Estate	6	0.99%	1.67%	1.61%	18.39%	5.58%	-3.50%
PPLT	ETFS Physical Platinum Shares	Precious Metals	6	6.44%	8.84%	1.80%	8.79%	4.04%	-27.76%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	6	0.81%	7.55%	4.39%	12.15%	3.48%	-9.00%
KRE	SPDR S&P Region.Banking	Specialty-Financial	6	3.44%	6.14%	-2.49%	16.35%	2.63%	-17.19%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	5	-2.12%	4.08%	-0.53%	17.25%	0.85%	-16.83%
VNQ	Vanguard REIT Index	Real Estate	5	0.91%	1.74%	1.10%	17.86%	4.72%	-5.14%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	5	-0.52%	5.97%	1.68%	11.48%	2.53%	-7.85%
SCHH	Schwab U.S. REIT	Real Estate	5	1.54%	1.93%	0.67%	16.41%	4.09%	-3.20%
RWR	Wilshire REIT Fund	Real Estate	5	1.59%	1.90%	0.57%	16.00%	3.79%	-4.09%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	4	1.07%	1.72%	0.78%	13.35%	3.28%	-4.27%
BBH	VanEck Vectors Biotech	Health & Biotech	4	-2.09%	5.58%	1.43%	12.49%	1.01%	-8.72%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	4	0.46%	2.57%	1.23%	12.65%	3.79%	-9.36%
RWX	SPDR DJ Wil Intern. RE	Real Estate	4	0.46%	1.46%	2.47%	10.19%	2.13%	-9.67%
IGE	iShares North American Natural Resources	Commodity Producers	4	-0.50%	4.87%	-0.82%	10.85%	-1.07%	-20.79%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	3	1.61%	3.51%	-1.71%	9.12%	1.06%	-10.48%
XLV	Health Care Select SPDR	Health & Biotech Equiti	3	-0.64%	4.36%	2.53%	6.05%	1.71%	-4.31%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	3	-1.23%	5.23%	-0.84%	9.21%	0.36%	-15.11%
IYH	Dow Jones US Healthcare	Specialty-Health	3	-0.45%	4.68%	2.65%	6.96%	1.73%	-5.21%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	3	0.61%	1.12%	0.78%	10.54%	2.58%	-5.77%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	3	-0.68%	3.83%	2.43%	7.70%	2.03%	-50.42%
VHT	Vanguard Health Care	Health & Biotech Equiti	3	-0.32%	4.54%	2.50%	7.27%	1.86%	-4.76%
XLE	Energy Select Sector	Energy Equities	3	-0.33%	4.93%	-1.40%	9.45%	-1.91%	-20.45%
VDE	Vanguard Energy VIPERS	Energy Equities	2	-0.99%	3.79%	-3.07%	7.83%	-3.72%	-23.66%
IYE	Dow Jones US Energy	Specialty-Natural Res.	2	-0.85%	4.07%	-2.40%	8.22%	-3.20%	-22.36%
UUP	PowerShares DB US Dollar Bullish	Currency	2	2.00%	0.30%	0.95%	4.17%	2.32%	-0.71%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	2	-2.32%	3.75%	-2.29%	8.54%	-2.71%	-15.29%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	1	-0.64%	1.59%	0.54%	3.46%	-0.55%	-15.41%
GSG	iShares GSCI Commodity Index	Commodities.	1	-2.77%	-0.77%	-4.34%	10.13%	-1.35%	-17.52%
IXC	S&P Global Energy	Energy Equities	1	-1.99%	0.80%	-3.78%	7.63%	-3.26%	-19.80%
FXY	CurrencyShares Japanese Yen Trust	Currency	1	-0.91%	0.67%	2.46%	0.52%	1.39%	-9.44%
XRT	SPDR S&P Retail	Consumer Discretionar	1	1.54%	5.27%	-5.88%	4.24%	-2.87%	-18.61%
USO	U.S. Oil Fund	Oil & Gas.	1	-5.61%	-1.36%	-9.52%	20.08%	-2.21%	-27.86%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	1	-2.87%	2.37%	-1.68%	8.06%	-2.36%	-69.43%
DJP	Bloomberg Commodity Index	Commodities	0	-1.69%	0.14%	-0.72%	4.01%	-1.86%	-14.06%
DBC	PowerShares DB Commodity Index	Commodities	0	-2.64%	-0.39%	-2.40%	6.83%	-1.60%	-16.50%

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IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	0	-3.19%	2.42%	-2.92%	3.54%	-2.35%	-14.03%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-1	-1.97%	-1.97%	1.86%	-3.07%	-2.32%	-28.48%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-1	-3.45%	1.81%	-6.21%	3.62%	-6.85%	-31.78%
FXE	CurrencyShares Euro Currency Trust	Currency	-1	-2.01%	-0.02%	-0.41%	-3.14%	-1.75%	-11.98%
OIH	Oil Services HOLDERS	Energy Equities	-2	-2.34%	5.51%	-11.54%	1.07%	-13.87%	-59.59%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-2	-4.93%	0.59%	-7.05%	2.18%	-7.12%	-25.10%
FXB	CurrencyShares British Pound	Currency	-2	-1.72%	-1.28%	-4.46%	-2.34%	-3.22%	-16.98%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-6	-5.13%	-1.29%	-12.13%	-6.86%	-15.14%	-41.03%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	-6	-5.86%	0.00%	-17.48%	-2.00%	-18.39%	-62.77%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-6	-3.88%	-1.03%	-9.19%	-7.94%	-10.15%	-22.58%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-9	-8.48%	-6.35%	-15.46%	-7.65%	-17.88%	-45.03%
UNG	U.S. Natural Gas Fund	Oil & Gas	-13	-3.31%	-12.14%	-13.98%	-22.06%	-23.73%	-78.19%