

HV Sector ETFs as of 08/15/2019

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	26	2.63%	16.11%	43.15%	41.74% 30.28%	-13.57%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	24	1.28%	18.14%	44.12%	33.82% 27.47%	-21.78%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	23	1.70%	14.69%	40.56%	36.23% 27.80%	-8.27%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	22	10.36%	22.73%	37.29%	17.14% 23.66%	-45.38%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	14	3.10%	-1.24%	6.77%	46.21% 13.58%	-40.90%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	13	5.32%	9.60%	18.65%	18.67% 15.77%	0.00%
IAU	iShares Gold Trust	Precious Metals	13	5.42%	9.71%	18.73%	18.63% 15.79%	0.00%
SIL	Global X Silver Miners	Commodity Producers	13	-2.12%	8.26%	29.67%	14.23% 11.86%	-46.67%
GLD	SPDR Gold Shares	Precious Metals	13	5.29%	9.60%	18.59%	18.52% 15.70%	0.00%
SLV	iShares Silver Trust	Precious Metals	12	5.49%	11.63%	17.91%	11.09% 12.95%	-17.70%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	9	2.94%	3.20%	6.39%	24.22% 10.85%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	8	-0.49%	-0.87%	3.54%	28.56% 8.67%	-16.50%
SMH	VanEch Vectors Semiconductor	Technology Equities	8	-5.93%	1.76%	9.51%	25.52% 6.02%	-11.16%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	7	-1.81%	-0.23%	9.28%	20.83% 8.30%	-3.35%
ICF	Cohen & Steers Realty	Real Estate	7	1.34%	-0.16%	3.05%	22.06% 7.60%	-0.51%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	7	-5.57%	1.64%	8.75%	24.86% 5.96%	-11.12%
VNQ	Vanguard REIT Index	Real Estate	6	1.54%	-1.39%	2.80%	21.03% 6.48%	-2.59%
IYR	Dow Jones US Real Estate	Real Estate	6	1.66%	-0.18%	3.27%	21.04% 6.88%	-0.82%
XLK	Technology Select	Technology Equities	5	-5.21%	-2.71%	4.83%	23.94% 6.32%	-7.17%
XLP	Consumer Staples Select	Consumer Staples	5	-1.31%	0.29%	3.12%	17.23% 6.62%	-1.86%
VGT	Vanguard Info Technology	Technolgy Equities	5	-5.49%	-2.98%	4.31%	23.96% 5.83%	-7.39%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	5	-1.55%	-2.46%	2.97%	21.83% 4.98%	-3.83%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	4	-1.52%	0.10%	2.26%	15.80% 5.54%	-2.06%
IYW	Dow Jones US Technology	Technology Equities	4	-5.38%	-2.29%	3.47%	21.86% 4.87%	-7.86%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	4	-5.48%	-3.73%	2.01%	23.15% 4.47%	-14.33%
SCHH	Schwab U.S. REIT	Real Estate	4	0.04%	-1.97%	1.18%	17.89% 4.57%	-1.97%
RWR	Wilshire REIT Fund	Real Estate	4	0.03%	-2.10%	1.02%	17.37% 4.22%	-2.95%
PPLT	ETFS Physical Platinum Shares	Precious Metals	3	-1.46%	4.09%	5.08%	5.54% 0.94%	-29.91%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	3	-1.97%	-1.06%	0.42%	15.91% 4.37%	-2.24%
KIE	SPDR S&P Insurance	Specialty-Financial	3	-3.94%	-2.97%	1.31%	17.66% 4.83%	-64.43%
MOO	VanEck Vectors Agribusiness	Commodity Producers	2	-4.73%	-3.12%	4.56%	11.89% 1.75%	-5.67%
FXY	CurrencyShares Japanese Yen Trust	Currency	2	1.08%	1.10%	3.21%	2.97% 3.46%	-7.23%
IGV	iShares North American Tech-Software	Technology Equities	2	-7.50%	-5.62%	-0.21%	20.89% 3.02%	-8.81%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	2	-3.43%	-1.60%	0.57%	13.46% 2.47%	-7.56%
IYJ	Dow Jones US Industrial	Industrial Equities	2	-4.86%	-5.01%	0.49%	17.26% 1.37%	-6.75%
IYF	Dow Jones US Financial Sector	Specialty-Financial	2	-4.50%	-2.78%	0.32%	14.86% 2.06%	-6.02%
IYC	iShares US Consumer Services	Consumer Discretionar	2	-6.08%	-4.11%	1.07%	16.20% 2.77%	-7.34%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	2	-3.45%	-2.76%	3.65%	8.93% 0.47%	-11.62%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	2	-1.96%	-3.01%	-0.22%	12.81% 2.12%	-4.73%
UUP	PowerShares DB US Dollar Bullish	Currency	2	1.83%	2.15%	1.14%	4.68% 2.57%	-0.34%
VOX	Vanguard Telecom Serv's	Communication Equitie	2	-4.28%	-2.77%	-0.93%	14.84% 1.65%	-18.31%

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BBH	VanEck Vectors Biotech	Health & Biotech	2	-2.32%	-2.86%	2.68%	11.48%	-0.16%	-9.54%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	1	-4.37%	-0.13%	2.98%	3.75%	-1.39%	-15.08%
XLB	Materials Select Sector	Materials	1	-4.53%	-4.40%	4.02%	10.13%	0.84%	-13.18%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	1	-6.83%	-3.50%	-0.80%	13.90%	0.02%	-9.62%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	1	-6.81%	-4.90%	1.16%	15.74%	2.07%	-7.95%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	1	-1.42%	-1.62%	-1.53%	8.22%	0.32%	-11.22%
USO	U.S. Oil Fund	Oil & Gas.	1	-1.82%	-4.22%	-6.12%	17.49%	-3.08%	-29.42%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	0	-7.22%	-5.24%	0.49%	13.91%	0.79%	-8.19%
VIS	Vanguard Industrials	industrials Equities	0	-5.46%	-5.93%	-0.68%	14.04%	-0.50%	-8.92%
XLI	Industrial Select Sector	Industrial Equities	0	-5.37%	-6.35%	-1.17%	13.17%	-1.03%	-9.63%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	0	-2.72%	-3.22%	0.79%	6.07%	0.27%	-51.17%
VAW	Vanguard Materials VIPERS	Materials	0	-5.79%	-5.36%	2.49%	8.42%	-1.26%	-16.86%
FXO	1st Trust Financials AlphaDEX	Financial Equities	0	-6.40%	-4.59%	-1.82%	11.55%	-1.16%	-8.45%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-1	-7.44%	-7.63%	-1.86%	11.96%	-3.96%	-20.58%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-1	-4.78%	-4.11%	-3.31%	6.92%	-1.30%	-8.86%
XLV	Health Care Select SPDR	Health & Biotech Equiti	-1	-3.53%	-4.52%	0.02%	3.40%	-0.97%	-6.70%
XLF	Financial Select Sector	Financial Equities	-1	-6.95%	-4.78%	-2.03%	9.61%	-1.36%	-13.46%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-1	-3.54%	-5.47%	-1.05%	6.48%	-3.70%	-69.88%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-1	-4.18%	-4.50%	-2.10%	6.99%	-1.16%	-12.29%
IYH	Dow Jones US Healthcare	Specialty-Health	-1	-3.55%	-3.98%	0.52%	4.34%	-0.87%	-7.53%
VNQL	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-1	-6.10%	-4.98%	-2.34%	7.50%	-1.53%	-13.51%
VHT	Vanguard Health Care	Health & Biotech Equiti	-1	-3.70%	-4.66%	0.32%	4.41%	-0.99%	-7.30%
VFH	Vanguard Financials	Financials Equities	-1	-6.84%	-4.79%	-2.01%	10.09%	-1.46%	-13.02%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-2	-6.22%	-5.98%	-0.27%	5.52%	-5.32%	-17.65%
IYM	Dow Jones US Basic Mat's	Materials	-2	-7.45%	-6.50%	1.33%	4.24%	-3.37%	-19.00%
DJP	Bloomberg Commodity Index	Commodities	-2	-3.69%	-3.39%	-1.47%	0.75%	-4.38%	-16.74%
FXE	CurrencyShares Euro Currency Trust	Currency	-2	-1.48%	-1.67%	-0.74%	-3.45%	-1.86%	-12.26%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-2	-3.71%	-2.82%	-1.16%	-0.22%	-3.58%	-18.42%
IYT	Dow Jones Transportation	Transportation Equities	-3	-7.29%	-6.18%	-4.07%	6.50%	-4.99%	-15.70%
GSG	iShares GSCI Commodity Index	Commodities.	-3	-4.55%	-5.41%	-5.95%	4.78%	-5.32%	-21.53%
DBC	PowerShares DB Commodity Index	Commodities	-3	-4.07%	-5.24%	-3.76%	2.42%	-4.88%	-19.96%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-3	-8.10%	-7.35%	-3.09%	8.11%	-3.89%	-11.90%
FXB	CurrencyShares British Pound	Currency	-4	-3.50%	-4.65%	-4.29%	-5.00%	-5.45%	-19.24%
IYZ	Down Jones US Telecom	Commun. Equities	-4	-8.96%	-7.59%	-5.02%	4.93%	-4.68%	-24.33%
KBE	SPDR S&P Bank	Specialty-Financial	-4	-8.16%	-7.11%	-6.01%	6.35%	-7.10%	-23.41%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-4	-8.07%	-7.35%	-6.25%	3.93%	-8.18%	-26.03%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-4	-9.08%	-6.90%	-5.77%	5.00%	-7.26%	-23.17%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-5	-5.76%	-7.07%	-6.04%	-1.75%	-6.87%	-18.43%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-5	-8.67%	-9.28%	-2.91%	2.49%	-5.72%	-15.27%
IGE	iShares North American Natural Resources	Commodity Producers	-5	-8.64%	-8.94%	-5.80%	1.55%	-8.81%	-27.44%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-6	-6.54%	-7.99%	-8.16%	-3.19%	-10.95%	-29.04%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-7	-10.09%	-10.80%	-5.74%	-1.70%	-9.24%	-23.60%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-8	-4.97%	-8.01%	-7.52%	-11.00%	-12.09%	-25.16%
XLE	Energy Select Sector	Energy Equities	-8	-9.91%	-11.62%	-8.32%	-1.87%	-11.32%	-28.68%

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IXC	S&P Global Energy	Energy Equities	-9	-10.10%	-11.80%	-10.66%	-2.93%	-12.00%	-27.67%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-9	-10.42%	-11.76%	-9.59%	-3.47%	-12.74%	-30.74%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-9	-7.80%	-9.73%	-6.08%	-10.68%	-9.31%	-34.10%
XME	SPDR S&P Metals & Mining	Commodity Producers	-9	-13.02%	-12.30%	-3.72%	-6.11%	-13.51%	-37.22%
UNG	U.S. Natural Gas Fund	Oil & Gas	-9	-2.03%	2.55%	-13.07%	-21.97%	-21.45%	-78.17%
VDE	Vanguard Energy VIPERS	Energy Equities	-9	-10.65%	-12.85%	-10.24%	-4.14%	-13.42%	-32.13%
XRT	SPDR S&P Retail	Consumer Discretionar	-10	-10.87%	-11.14%	-9.33%	-7.76%	-13.09%	-27.98%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-12	-12.09%	-14.45%	-13.16%	-8.85%	-16.63%	-39.99%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-19	-14.71%	-19.04%	-19.33%	-20.94%	-25.77%	-49.94%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-21	-15.01%	-22.23%	-23.32%	-21.67%	-27.94%	-53.38%
OIH	Oil Services HOLDERS	Energy Equities	-23	-21.54%	-24.32%	-22.27%	-22.38%	-31.38%	-68.97%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	-24	-21.37%	-26.73%	-24.40%	-23.64%	-33.82%	-70.99%