

HV Sector ETFs as of 11/30/2017

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
ITB	iShares DJ US Home Construction	Building and Constructi	27	9.84%	14.97%	25.81%	55.93%	23.98%	-0.37%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	16	-0.22%	7.46%	14.79%	40.61%	15.44%	-5.06%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	15	8.44%	8.38%	14.41%	29.48%	13.56%	0.00%
SMH	VanEch Vectors Semiconductor	Technology Equities	14	-1.54%	6.10%	13.25%	39.94%	14.72%	-5.22%
IYW	Dow Jones US Technology	Technology Equities	13	0.85%	7.38%	9.36%	35.55%	12.00%	-1.84%
IGV	iShares North American Tech-Software	Technology Equities	13	-0.24%	4.75%	5.55%	43.13%	11.12%	-2.52%
VGT	Vanguard Info Technology	Technolgy Equities	13	1.05%	7.04%	9.45%	35.81%	12.41%	-1.79%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	12	1.34%	2.06%	10.62%	32.25%	13.28%	0.00%
XLK	Technology Select	Technology Equities	12	1.35%	6.65%	9.11%	32.01%	11.73%	-1.34%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	12	3.72%	4.28%	6.03%	33.47%	8.85%	0.00%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	11	5.52%	5.47%	6.86%	25.17%	9.28%	0.00%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	11	2.73%	4.97%	15.96%	20.63%	12.43%	0.00%
VFH	Vanguard Financials	Financials Equities	10	2.54%	4.43%	15.34%	16.90%	10.67%	0.00%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	10	5.83%	5.50%	8.01%	18.73%	7.48%	0.00%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	10	7.63%	6.41%	11.40%	16.39%	10.73%	0.00%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	10	2.63%	-1.35%	0.75%	37.96%	9.60%	-1.35%
XLF	Financial Select Sector	Financial Equities	10	2.34%	4.56%	15.24%	18.37%	11.24%	0.00%
KRE	SPDR S&P Region.Banking	Specialty-Financial	9	3.67%	4.42%	19.64%	6.77%	8.87%	-0.85%
KBE	SPDR S&P Bank	Specialty-Financial	9	3.58%	4.82%	19.19%	9.16%	9.58%	-0.61%
IYJ	Dow Jones US Industrial	Industrial Equities	9	2.89%	3.74%	9.63%	20.97%	9.71%	0.00%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	9	5.83%	4.99%	8.14%	18.89%	7.70%	0.00%
IYC	iShares US Consumer Services	Consumer Discretionar	9	6.33%	5.23%	7.17%	16.05%	6.73%	0.00%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	9	2.44%	4.32%	16.62%	14.47%	10.53%	0.00%
IYF	Dow Jones US Financial Sector	Specialty-Financial	9	2.21%	3.88%	11.49%	16.62%	9.38%	0.00%
XLI	Industrial Select Sector	Industrial Equities	9	3.63%	3.56%	9.51%	19.75%	9.05%	0.00%
VIS	Vanguard Industrials	industrials Equities	9	3.39%	3.17%	9.85%	17.69%	8.75%	0.00%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	8	-0.85%	-6.01%	-1.38%	40.55%	8.14%	-6.01%
VAW	Vanguard Materials VIPERS	Materials	8	0.99%	2.27%	8.10%	19.59%	8.61%	0.00%
MOO	VanEck Vectors Agribusiness	Commodity Producers	8	1.90%	3.26%	7.03%	19.21%	8.70%	0.00%
XLB	Materials Select Sector	Materials	8	1.19%	2.64%	8.23%	19.84%	8.75%	0.00%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	8	3.29%	1.72%	3.57%	21.54%	6.05%	0.00%
IYT	Dow Jones Transportation	Transportation Equities	8	5.36%	4.10%	9.98%	13.89%	9.67%	0.00%
IYM	Dow Jones US Basic Mat's	Materials	8	0.65%	2.15%	8.25%	20.35%	8.71%	-0.09%
FXO	1st Trust Financials AlphaDEX	Financial Equities	8	2.80%	4.13%	11.01%	15.65%	8.69%	0.00%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	7	7.21%	5.68%	4.22%	9.11%	4.17%	0.00%
IYH	Dow Jones US Healthcare	Specialty-Health	7	3.16%	0.78%	2.05%	22.03%	6.44%	-0.17%
VHT	Vanguard Health Care	Health & Biotech Equiti	7	3.16%	0.49%	1.98%	22.66%	6.35%	-0.27%
XLV	Health Care Select SPDR	Health & Biotech Equiti	7	3.13%	0.57%	1.58%	21.08%	6.04%	-0.49%
USO	U.S. Oil Fund	Oil & Gas.	7	4.37%	11.90%	14.36%	-2.13%	12.32%	-7.72%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	6	2.66%	-0.20%	1.11%	19.67%	4.61%	-1.15%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	6	0.78%	1.12%	0.95%	22.03%	5.76%	-0.56%

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FXG	1st Trust Consumer Staples	Consumer Staples Equi	6	7.55%	5.29%	3.98%	6.14%	4.91%	-1.52%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	5	5.59%	3.31%	1.72%	7.57%	2.15%	-2.03%
XLP	Consumer Staples Select	Consumer Staples	5	5.50%	3.13%	1.25%	8.39%	2.07%	-2.23%
XRT	SPDR S&P Retail	Consumer Discretionar	5	9.22%	4.37%	8.32%	-0.77%	6.71%	-9.20%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	5	2.08%	2.99%	0.91%	14.16%	4.03%	-3.01%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	5	4.35%	2.29%	2.63%	12.69%	3.20%	0.00%
FXB	CurrencyShares British Pound	Currency	5	3.51%	3.05%	3.17%	9.33%	4.40%	-9.61%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	4	6.30%	-1.89%	-0.16%	10.00%	1.83%	-9.76%
FXE	CurrencyShares Euro Currency Trust	Currency	4	1.98%	1.54%	-1.20%	12.19%	4.20%	-1.24%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	4	-0.95%	1.23%	2.87%	14.46%	7.43%	-1.63%
RWX	SPDR DJ Wil Intern. RE	Real Estate	4	2.50%	3.11%	-0.45%	9.23%	2.37%	-8.58%
GSG	iShares GSCI Commodity Index	Commodities.	3	0.84%	5.23%	6.67%	0.06%	7.35%	-3.51%
DBC	PowerShares DB Commodity Index	Commodities	3	0.25%	4.46%	5.69%	2.02%	7.16%	-2.24%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	3	-0.69%	0.86%	1.15%	10.96%	5.74%	-1.58%
IYR	Dow Jones US Real Estate	Real Estate	3	1.85%	1.78%	0.29%	6.54%	2.50%	-4.35%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	3	0.92%	3.61%	14.44%	-6.48%	7.19%	-10.88%
IXC	S&P Global Energy	Energy Equities	2	0.35%	1.77%	7.10%	-0.69%	5.90%	-3.95%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	2	0.23%	0.44%	-5.25%	10.89%	0.76%	-6.88%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	2	1.19%	-7.36%	-5.81%	18.98%	1.91%	-7.36%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	2	2.24%	1.97%	-0.10%	4.01%	1.85%	-7.00%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	2	1.90%	-5.82%	-2.10%	13.17%	2.44%	-7.51%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	2	2.41%	3.99%	16.12%	-13.76%	6.41%	-17.73%
ICF	Cohen & Steers Realty	Real Estate	1	1.33%	1.32%	-0.63%	2.78%	1.30%	-8.81%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	1	2.26%	-4.21%	-1.67%	8.90%	0.51%	-4.21%
IAU	iShares Gold Trust	Precious Metals	1	-0.16%	0.49%	-5.48%	10.56%	0.44%	-7.06%
RWR	Wilshire REIT Fund	Real Estate	1	1.90%	1.26%	0.30%	1.06%	1.54%	-9.30%
GLD	SPDR Gold Shares	Precious Metals	1	-0.07%	0.48%	-5.49%	10.48%	0.43%	-7.22%
VNQ	Vanguard REIT Index	Real Estate	1	1.31%	0.98%	-0.55%	2.25%	1.20%	-8.92%
FXN	1st Trust Energy AlphaDEX	Energy Equities	1	1.45%	1.73%	11.54%	-11.02%	5.35%	-15.48%
SCHH	Schwab U.S. REIT	Real Estate	1	1.85%	1.21%	0.53%	2.14%	1.84%	-7.79%
BBH	VanEck Vectors Biotech	Health & Biotech	0	0.00%	-7.40%	-7.55%	16.95%	0.16%	-7.81%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	0	-1.20%	2.24%	-0.48%	0.54%	1.99%	-6.43%
PPLT	ETFS Physical Platinum Shares	Precious Metals	0	1.87%	3.09%	-7.25%	4.10%	-0.68%	-20.61%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	0	0.79%	0.08%	-3.34%	2.66%	-1.02%	-7.79%
IYE	Dow Jones US Energy	Specialty-Natural Res.	0	1.18%	0.93%	6.70%	-8.81%	3.17%	-11.87%
XME	SPDR S&P Metals & Mining	Commodity Producers	0	-0.13%	-2.86%	-2.86%	5.03%	4.06%	-8.35%
XLE	Energy Select Sector	Energy Equities	0	0.91%	0.66%	6.16%	-8.25%	3.14%	-11.22%
FXJ	CurrencyShares Japanese Yen Trust	Currency	0	0.81%	-0.29%	-4.19%	2.86%	-1.57%	-12.21%
DJP	Bloomberg Commodity Index	Commodities	0	-1.33%	1.76%	0.08%	-2.23%	2.08%	-5.35%
IGE	iShares North American Natural Resources	Commodity Producers	0	0.75%	-0.21%	4.30%	-6.23%	2.60%	-9.50%
VDE	Vanguard Energy VIPERS	Energy Equities	0	1.06%	0.76%	6.84%	-9.73%	3.02%	-12.64%
VOX	Vanguard Telecom Serv's	Communication Equitie	-1	5.18%	-3.15%	2.00%	-8.49%	-1.39%	-11.99%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-1	-1.70%	0.16%	1.76%	-4.46%	-2.34%	-16.90%
UUP	PowerShares DB US Dollar Bullish	Currency	-2	-1.79%	-0.90%	1.81%	-8.58%	-2.68%	-9.40%

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GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-2	-0.49%	-3.23%	-11.85%	7.41%	-1.90%	-28.26%
SLV	iShares Silver Trust	Precious Metals	-3	-4.08%	-1.15%	-9.30%	2.65%	-4.10%	-20.87%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-4	-0.33%	-4.83%	-14.01%	4.61%	-3.86%	-32.63%
IYZ	Down Jones US Telecom	Commun. Equities	-4	3.72%	-4.65%	-0.79%	-12.64%	-5.14%	-17.52%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	-5	2.06%	-4.00%	10.15%	-29.13%	-3.43%	-33.22%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-6	-2.38%	-6.33%	-16.00%	0.32%	-6.13%	-38.78%
OIH	Oil Services HOLDRs	Energy Equities	-7	0.33%	-4.84%	4.73%	-26.27%	-5.52%	-29.92%
SIL	Global X Silver Miners	Commodity Producers	-7	-2.51%	-7.75%	-14.48%	-3.24%	-9.08%	-42.02%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-7	-8.33%	-2.85%	-18.48%	-0.19%	-10.22%	-43.36%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-8	3.52%	3.27%	1.61%	-41.62%	-29.18%	-51.85%
UNG	U.S. Natural Gas Fund	Oil & Gas	-12	0.33%	-4.27%	-8.61%	-35.22%	-11.46%	-36.72%
KIE	SPDR S&P Insurance	Specialty-Financial	-64	-66.13%	-65.70%	-62.80%	-62.42%	-64.79%	-66.78%